

Engineering Data

Capacity Table

REYQ-XBTJA, 208 / 230 V

REYQ-XBYDA, 460 V

REYQ-XBYCA, 575 V

Heat Recovery 60 Hz

R-410A



1. Capacity Tables (Reference Data)	4
1.1 Cooling Capacity for Standard Condition (Te: 43°F (6°C)) (REYQ-XBTJA / REYQ-XBYDA)	4
1.1.1 Fahrenheit	4
1.1.2 Celsius.....	21
1.2 Heating Capacity for Standard Condition (Tc: 115°F (46°C)) (REYQ-XBTJA / REYQ-XBYDA)....	38
1.2.1 Fahrenheit	38
1.2.2 Celsius.....	55
1.3 Cooling Capacity for Standard Condition (Te: 43°F (6°C)) (REYQ-XBYCA)	72
1.3.1 Fahrenheit	72
1.3.2 Celsius.....	88
1.4 Heating Capacity for Standard Condition (Tc: 115°F (46°C)) (REYQ-XBYCA)	104
1.4.1 Fahrenheit	104
1.4.2 Celsius.....	120
1.5 Capacity Correction Factor	136
1.6 Notes for Heating Capacity Characteristics (Heat Recovery).....	153

1. Capacity Tables (Reference Data)

1.1 Cooling Capacity for Standard Condition (Te: 43°F (6°C)) (REYQ-XBTJA / REYQ-XBYDA)

1.1.1 Fahrenheit

REYQ72XBTJA / XBYDA Cooling Capacity for Standard Condition (Te: 43°F)

Combination	Outdoor air temp. °F	Indoor air temp. °F WB													
		57		61		64		67		70		72		75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	° FDB	MBH : kW	MBH : kW	MBH : kW	MBH : kW	MBH : kW	MBH : kW	MBH : kW	MBH : kW	MBH : kW	MBH : kW	MBH : kW	MBH : kW	MBH : kW	MBH : kW
23	54.9	1.54	70.4	2.03	82.0	2.42	93.6	2.82	102	3.12	103	3.13	105	3.16	
30	54.9	1.59	70.4	2.10	82.0	2.50	93.6	2.93	99.4	3.16	101	3.18	103	3.20	
40	54.9	1.67	70.4	2.20	82.0	2.62	93.6	3.17	96.1	3.22	97.6	3.24	99.7	3.26	
50	54.9	1.75	70.4	2.31	82.0	2.82	90.7	3.25	92.9	3.28	94.3	3.30	96.5	3.33	
54	54.9	1.78	70.4	2.36	82.0	2.91	89.4	3.27	91.6	3.30	93.0	3.32	95.2	3.35	
58	54.9	1.82	70.4	2.41	82.0	3.01	88.1	3.30	90.3	3.33	91.7	3.35	93.9	3.38	
62	54.9	1.86	70.4	2.49	82.0	3.11	86.8	3.32	88.9	3.35	90.4	3.37	92.6	3.40	
66	54.9	1.90	70.4	2.57	82.0	3.22	85.5	3.35	87.6	3.38	89.1	3.40	91.3	3.43	
70	54.9	1.94	70.4	2.71	82.0	3.40	84.2	3.43	86.3	3.46	87.8	3.49	90.0	3.52	
72	54.9	1.99	70.4	2.82	81.4	3.48	83.5	3.52	85.7	3.55	87.1	3.57	89.3	3.61	
75	54.9	2.10	70.4	2.98	80.4	3.61	82.5	3.65	84.7	3.68	86.2	3.71	88.3	3.74	
79	54.9	2.26	70.4	3.21	79.1	3.79	81.2	3.82	83.4	3.86	84.9	3.89	87.0	3.92	
83	54.9	2.43	70.4	3.46	77.8	3.96	79.9	4.00	82.1	4.04	83.6	4.07	85.7	4.11	
87	54.9	2.60	70.4	3.72	76.5	4.13	78.6	4.17	80.8	4.22	82.3	4.25	84.1	4.28	
91	54.9	2.79	70.4	4.00	75.2	4.31	77.3	4.35	79.5	4.40	81.0	4.43	83.1	4.43	
93	54.9	2.89	70.4	4.14	74.5	4.39	76.7	4.44	78.9	4.49	79.5	4.50	79.5	4.50	
95	54.9	2.99	70.4	4.29	73.9	4.48	76.0	4.53	77.9	4.57	78.0	4.57	78.0	4.57	
99	54.9	3.20	70.4	4.61	72.6	4.66	74.7	4.71	74.9	4.71	74.9	4.71	74.9	4.71	
103	54.9	3.43	69.1	4.78	71.3	4.84	71.8	4.85	71.8	4.85	71.8	4.85	71.8	4.85	
106	54.9	3.61	68.1	4.91	69.5	4.95	69.5	4.95	69.5	4.95	69.5	4.95	69.5	4.95	
110	54.9	3.87	66.4	5.09	66.4	5.09	66.4	5.09	66.5	5.09	66.5	5.09	66.5	5.09	
115	54.9	4.31	56.2	5.33	56.3	5.34	56.5	5.34	56.6	5.35	56.7	5.35	56.8	5.36	
118	49.0	4.55	49.1	4.56	49.3	4.56	49.4	4.57	49.5	4.58	49.6	4.58	49.7	4.59	
122	39.5	3.52	39.7	3.53	39.8	3.54	39.9	3.54	40.1	3.55	40.1	3.55	40.3	3.56	

Combination	Outdoor air temp. °F	Indoor air temp. °F WB													
		57		61		64		67		70		72		75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	° FDB	MBH : kW	MBH : kW	MBH : kW	MBH : kW	MBH : kW	MBH : kW	MBH : kW	MBH : kW	MBH : kW	MBH : kW	MBH : kW	MBH : kW	MBH : kW	MBH : kW
23	33.8	0.96	43.3	1.21	50.5	1.41	57.6	1.63	64.7	1.85	69.5	2.00	76.6	2.24	
30	33.8	0.98	43.3	1.24	50.5	1.45	57.6	1.68	64.7	1.91	69.5	2.07	76.6	2.31	
40	33.8	1.02	43.3	1.30	50.5	1.52	57.6	1.76	64.7	2.00	69.5	2.17	76.6	2.43	
50	33.8	1.06	43.3	1.36	50.5	1.59	57.6	1.84	64.7	2.10	69.5	2.28	76.6	2.55	
54	33.8	1.08	43.3	1.38	50.5	1.62	57.6	1.88	64.7	2.15	69.5	2.33	76.6	2.64	
58	33.8	1.10	43.3	1.41	50.5	1.66	57.6	1.92	64.7	2.19	69.5	2.38	76.6	2.72	
62	33.8	1.12	43.3	1.44	50.5	1.69	57.6	1.96	64.7	2.24	69.5	2.44	76.6	2.82	
66	33.8	1.14	43.3	1.46	50.5	1.73	57.6	2.00	64.7	2.29	69.5	2.53	76.6	2.91	
70	33.8	1.16	43.3	1.49	50.5	1.76	57.6	2.05	64.7	2.30	69.5	2.66	76.6	3.07	
72	33.8	1.17	43.3	1.51	50.5	1.78	57.6	2.07	64.7	2.31	69.5	2.76	76.6	3.19	
75	33.8	1.19	43.3	1.54	50.5	1.88	57.6	2.24	64.7	2.34	69.5	2.93	76.6	3.38	
79	33.8	1.24	43.3	1.66	50.5	2.02	57.6	2.41	64.7	2.41	64.7	2.84	69.5	3.15	
83	33.8	1.32	43.3	1.78	50.5	2.16	57.6	2.59	64.7	2.59	64.7	3.06	69.5	3.39	
87	33.8	1.41	43.3	1.90	50.5	2.32	57.6	2.78	64.7	2.78	64.7	3.29	69.5	3.65	
91	33.8	1.50	43.3	2.03	50.5	2.48	57.6	2.98	64.7	2.98	64.7	3.53	69.5	3.92	
93	33.8	1.55	43.3	2.10	50.5	2.57	57.6	3.09	64.7	3.09	64.7	3.66	69.5	4.06	
95	33.8	1.60	43.3	2.17	50.5	2.66	57.6	3.20	64.7	3.20	64.7	3.79	69.5	4.21	
99	33.8	1.71	43.3	2.32	50.5	2.85	57.6	3.43	64.7	3.43	64.7	4.06	69.5	4.52	
103	33.8	1.82	43.3	2.48	50.5	3.04	57.6	3.67	64.7	3.67	64.7	4.36	69.5	4.78	
106	33.8	1.90	43.3	2.60	50.5	3.20	57.6	3.86	64.7	3.86	64.7	4.59	69.5	4.94	
110	33.8	2.03	43.3	2.78	50.5	3.43	57.6	4.15	64.7	4.15	64.7	5.09	66.5	5.09	
115	33.8	2.24	43.3	3.09	50.5	3.81	56.5	5.34	56.6	5.35	56.7	5.35	56.8	5.36	
118	33.8	2.38	43.3	3.28	49.3	4.56	49.4	4.57	49.5	4.58	49.6	4.58	49.7	4.59	
122	33.8	2.57	39.7	3.53	39.8	3.54	39.9	3.54	40.1	3.55	40.1	3.55	40.3	3.56	

TC Total capacity: MBH
 PI Power Input : kW (Comp.+Outdoor fan motor)
 Note1. is shown as reference.
 2. This tables reflect performance of the outdoor unit only. And not an entire system.
 3. Other factors such as indoor unit power consumption, piping losses, etc. are not included.
 And actual results may vary according to conditions of use.

REYQ96XBTJA / XBYDA Cooling Capacity for Standard Condition (Te: 43°F)

1. Capacity Tables (Reference Data)

Table with columns: Combination, Outdoor air temp., Indoor air temp. ° FWB (57, 61, 64, 67, 70, 72, 75), and Capacity (TC, PI, MBH, kW) for various combinations (23-122).

Table with columns: Combination, Outdoor air temp., Indoor air temp. ° FWB (57, 61, 64, 67, 70, 72, 75), and Capacity (TC, PI, MBH, kW) for various combinations (23-122).

TC Total capacity; MBH Power Input; kW (Comp.+Outdoor fan motor) is shown as reference.
2. This tables reflect performance of the outdoor unit only. And not an entire system.
3. Other factors such as indoor unit power consumption, piping losses, etc. are not included.
And actual results may vary according to conditions of use.

REYQ120XBTJA / XBYDA Cooling Capacity for Standard Condition (Te: 43°F)

Table with columns for Combination, Outdoor air temp., Indoor air temp. ° FWB, and Capacity (TC, PI, MBH, kW) for various indoor air temperatures (57, 61, 64, 67, 70, 72, 75) and outdoor air temperatures (23, 30, 40, 50, 54, 58).

Table with columns for Combination, Outdoor air temp., Indoor air temp. ° FWB, and Capacity (TC, PI, MBH, kW) for various indoor air temperatures (57, 61, 64, 67, 70, 72, 75) and outdoor air temperatures (23, 30, 40, 50, 54, 58).

TC Total capacity; MBH
PI Power Input; kW (Comp.+Outdoor fan motor)
Note 1. is shown as reference.
2. This tables reflect performance of the outdoor unit only. And not an entire system.
3. Other factors such as indoor unit power consumption, piping losses, etc. are not included.
And actual results may vary according to conditions of use.

REYQ144XBTJA / XBYDA Cooling Capacity for Standard Condition (Te: 43°F)

Table with columns for Outdoor air temp., Indoor air temp. ° FWB, and Capacity (MBH, kW) for various combinations of air temperatures. Includes sub-sections for 130, 120, 110, and 100 BTU/h.

Table with columns for Outdoor air temp., Indoor air temp. ° FWB, and Capacity (MBH, kW) for various combinations of air temperatures. Includes sub-sections for 80, 70, 60, and 50 BTU/h.

TC Total capacity; MBH
PI Power Input; kW (Comp.+Outdoor fan motor)
Note 1. is shown as reference.
2. This tables reflect performance of the outdoor unit only. And not an entire system.
3. Other factors such as indoor unit power consumption, piping losses, etc. are not included.
And actual results may vary according to conditions of use.

REYQ168XBTJA / XBYDA Cooling Capacity for Standard Condition (Te: 43°F)

Table with columns for Combination, Outdoor air temp., Indoor air temp. ° FWB, and various capacity metrics (TC, PI, MBH, kW) for different fan speeds (57, 61, 64, 67, 70, 72, 75) across multiple rows.

Table with columns for Combination, Outdoor air temp., Indoor air temp. ° FWB, and various capacity metrics (TC, PI, MBH, kW) for different fan speeds (57, 61, 64, 67, 70, 72, 75) across multiple rows.

TC Total capacity; MBH Power Input; kW (Comp.+Outdoor fan motor) Note 1. This tables reflect performance of the outdoor unit only. And not an entire system.

Note 2. Other factors such as indoor unit power consumption, piping losses, etc. are not included. And actual results may vary according to conditions of use.

REYQ192XBTJA / XBYDA Cooling Capacity for Standard Condition (Te: 43°F)

Table with columns: Combination, Outdoor air temp., Indoor air temp. ° FWB (57, 61, 64, 67, 70, 72, 75), and Capacity (TC, PI, MBH, kW) for various combinations (23-122).

Table with columns: Combination, Outdoor air temp., Indoor air temp. ° FWB (57, 61, 64, 67, 70, 72, 75), and Capacity (TC, PI, MBH, kW) for various combinations (23-122).

TC Total capacity; MBH
PI Power Input; kW (Comp.+Outdoor fan motor)
Note 1. is shown as reference.
2. This tables reflect performance of the outdoor unit only. And not an entire system.
3. Other factors such as indoor unit power consumption, piping losses, etc. are not included.
And actual results may vary according to conditions of use.

1. Capacity Tables (Reference Data)

REYQ216XBTJA / XBYDA Cooling Capacity for Standard Condition (Te: 43°F)

Table with columns for Combination, Outdoor air temp., Indoor air temp. ° FWB (57, 61, 64, 67, 70, 72, 75), and Capacity (TC, PI, MBH, kW) for various indoor air temperatures.

Table with columns for Combination, Outdoor air temp., Indoor air temp. ° FWB (57, 61, 64, 67, 70, 72, 75), and Capacity (TC, PI, MBH, kW) for various indoor air temperatures.

TC Total capacity; MBH
PI Power Input; kW (Comp.+Outdoor fan motor)
Note1. is shown as reference.
2. This tables reflect performance of the outdoor unit only. And not an entire system.
3. Other factors such as indoor unit power consumption, piping losses, etc. are not included. And other results may vary according to conditions of use.

REYQ240XBTJA / XBYDA Cooling Capacity for Standard Condition (Te: 43°F)

Table with columns: Combination, Outdoor air temp., Indoor air temp. ° FWB (57, 61, 64, 67, 70, 72, 75), and Capacity (TC, PI, MBH, kW). Rows are grouped by outdoor air temperature (130, 120, 110, 100, 90) and indoor air temperature (70, 80).

Table with columns: Combination, Outdoor air temp., Indoor air temp. ° FWB (57, 61, 64, 67, 70, 72, 75), and Capacity (TC, PI, MBH, kW). Rows are grouped by outdoor air temperature (80, 70, 60, 50) and indoor air temperature (70, 80).

TC Total capacity; MBH Power Input; kW (Comp.+Outdoor fan motor) Note1. This tables reflect performance of the outdoor unit only. And not an entire system. Other factors such as indoor unit power consumption, piping losses, etc. are not included. And actual results may vary according to conditions of use.

1. Capacity Tables (Reference Data)

REYQ264XBTJA / XBYDA Cooling Capacity for Standard Condition (Te: 43°F)

Combination	Outdoor air temp.	Indoor air temp. ° FWB															
		57		61		64		67		70		72		75			
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI		
	%	* FDB															
130	23	201	7.24	258	9.53	301	11.3	343	13.2	373	14.6	378	14.7	378	14.8		
	23	186	6.65	238	8.71	278	10.3	317	12.1	356	13.8	372	14.6	379	14.7		
	23	170	6.08	218	7.91	254	9.37	290	10.9	326	12.5	350	14.2	364	14.8		
	23	155	5.53	199	7.13	231	8.42	264	9.77	297	11.2	319	12.1	351	13.6		
	23	139	5.00	179	6.39	208	7.50	238	8.68	267	9.90	287	10.7	316	12.0		

Combination	Outdoor air temp.	Indoor air temp. ° FWB															
		57		61		64		67		70		72		75			
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI		
	%	* FDB															
80	23	124	4.49	159	5.67	185	6.62	211	7.62	237	8.67	255	9.39	281	10.5		
	23	108	4.01	139	4.99	162	5.78	185	6.61	208	7.49	223	8.09	246	8.92		
	23	92	3.55	119	4.34	139	4.98	159	5.65	178	6.36	191	6.85	211	7.61		
	23	77	3.11	99	3.73	116	4.23	132	4.75	148	5.30	159	5.68	176	6.27		

TC	Total capacity; MBH
PI	Power Input; kW (Comp.+Outdoor fan motor)
Note1.	is shown as reference.
2.	These tables reflect performance of the outdoor unit only. And not an entire system.
3.	Other factors such as indoor unit power consumption, piping losses, etc. are not included. And actual results may vary according to conditions of use.

REYQ288XBTJA / XBYDA Cooling Capacity for Standard Condition (Te: 43°F)

Table with columns for Combination, Outdoor air temp., Indoor air temp. ° FWB, and capacity values (TC, PI, MBH, kW) for various indoor air temperatures (57, 61, 64, 67, 70, 72, 75) and outdoor air temperatures (23 to 122).

Table with columns for Combination, Outdoor air temp., Indoor air temp. ° FWB, and capacity values (TC, PI, MBH, kW) for various indoor air temperatures (57, 61, 64, 67, 70, 72, 75) and outdoor air temperatures (23 to 122).

TC Total capacity; MBH
PI Power Input; kW (Comp.+Outdoor fan motor)
Note 1. is shown as reference.
2. This tables reflect performance of the outdoor unit only. And not an entire system.
3. Other factors such as indoor unit power consumption, piping losses, etc. are not included.
And actual results may vary according to conditions of use.

1. Capacity Tables (Reference Data)

REYQ312XBTJA / XBYDA Cooling Capacity for Standard Condition (Te: 43°F)

Combination	Outdoor air temp.	Indoor air temp. ° FWB																
		57		61		64		67		70		72		75				
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI			
%	* FDB	MBH	KW	MBH	KW	MBH	KW	MBH	KW	MBH	KW	MBH	KW	MBH	KW	MBH	KW	
23	236	9.34	303	12.3	353	14.6	403	17.1	438	18.9	444	18.9	453	19.1	453	19.1	453	19.1
30	236	9.63	303	12.7	353	15.1	403	17.7	431	19.4	437	19.5	446	19.7	446	19.7	446	19.7
40	236	10.1	303	13.3	353	15.9	403	19.2	416	19.8	423	19.9	432	20.1	432	20.1	432	20.1
50	236	10.6	303	14.0	353	17.0	393	20.0	402	20.2	409	20.3	418	20.4	418	20.4	418	20.4
54	236	10.8	303	14.3	353	17.6	387	20.1	397	20.3	403	20.4	412	20.6	412	20.6	412	20.6
58	236	11.0	303	14.6	353	18.2	382	20.3	391	20.5	397	20.6	407	20.8	407	20.8	407	20.8
62	236	11.2	303	15.1	353	18.8	376	20.4	385	20.6	392	20.7	401	20.9	401	20.9	401	20.9
66	236	11.5	303	15.6	353	19.5	370	20.6	380	20.8	386	20.9	395	21.1	395	21.1	395	21.1
70	236	11.7	303	16.4	353	20.5	365	21.1	374	21.3	380	21.4	390	21.6	390	21.6	390	21.6
72	236	12.0	303	17.0	353	21.4	362	21.6	371	21.8	378	22.0	387	22.2	387	22.2	387	22.2
75	236	12.7	303	18.0	348	22.2	358	22.4	367	22.7	373	22.8	383	23.0	383	23.0	383	23.0
79	236	13.7	303	19.4	343	23.3	352	23.5	361	23.7	368	23.9	377	24.1	377	24.1	377	24.1
83	236	14.7	303	20.9	337	24.3	346	24.6	356	24.8	362	25.0	372	25.2	372	25.2	372	25.2
87	236	15.7	303	22.2	331	25.4	341	25.7	350	25.9	356	26.1	366	26.4	366	26.4	366	26.4
91	236	16.9	303	24.2	326	26.5	335	26.8	345	27.0	351	27.2	362	27.4	362	27.4	362	27.4
93	236	17.5	303	25.0	323	27.0	332	27.3	342	27.6	348	27.8	349	27.8	349	27.8	349	27.8
95	236	18.1	303	25.9	320	27.6	330	27.9	339	28.2	342	28.2	342	28.2	342	28.2	342	28.2
99	236	19.4	303	27.9	314	28.6	324	29.0	328	29.1	328	29.1	328	29.1	328	29.1	328	29.1
103	236	20.7	299	29.4	309	29.7	314	29.9	314	29.9	314	29.9	314	29.9	314	29.9	314	29.9
106	236	22.1	295	30.6	303	30.3	304	30.9	304	30.9	304	30.9	304	30.9	304	30.9	304	30.9
110	236	24.1	290	32.3	290	32.3	290	32.3	290	32.3	290	32.3	290	32.3	290	32.3	290	32.3
115	236	26.8	250	32.6	251	32.7	251	32.7	252	32.7	252	32.8	253	32.8	253	32.8	253	32.8
118	217	27.6	217	27.6	218	27.7	219	27.7	219	27.7	219	27.7	219	27.7	219	27.7	219	27.7
122	173	20.9	174	20.9	174	21.0	175	21.0	175	21.1	176	21.1	176	21.1	176	21.1	176	21.1

Combination	Outdoor air temp.	Indoor air temp. ° FWB																
		57		61		64		67		70		72		75				
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI			
%	* FDB	MBH	KW	MBH	KW	MBH	KW	MBH	KW	MBH	KW	MBH	KW	MBH	KW	MBH	KW	
23	146	5.80	187	7.31	217	8.54	248	9.83	279	11.2	299	12.1	330	13.5	330	13.5	330	13.5
30	146	5.94	187	7.52	217	8.80	248	10.1	279	11.5	299	12.5	330	14.0	330	14.0	330	14.0
40	146	6.17	187	7.84	217	9.20	248	10.6	279	12.1	299	13.1	330	14.7	330	14.7	330	14.7
50	146	6.43	187	8.20	217	9.63	248	11.1	279	12.7	299	13.8	330	15.4	330	15.4	330	15.4
54	146	6.53	187	8.35	217	9.82	248	11.4	279	13.0	299	14.1	330	15.9	330	15.9	330	15.9
58	146	6.65	187	8.51	217	10.0	248	11.6	279	13.2	299	14.4	330	16.5	330	16.5	330	16.5
62	146	6.77	187	8.68	217	10.2	248	11.8	279	13.5	299	14.8	330	17.0	330	17.0	330	17.0
66	146	6.89	187	8.86	217	10.4	248	12.1	279	13.8	299	15.3	330	17.6	330	17.6	330	17.6
70	146	7.02	187	9.04	217	10.7	248	12.4	279	14.5	299	16.1	330	18.3	330	18.3	330	18.3
72	146	7.09	187	9.14	217	10.8	248	12.8	279	15.1	299	16.7	330	19.6	330	19.6	330	19.6
75	146	7.19	187	9.34	217	11.3	248	13.6	279	16.0	299	17.7	330	20.4	330	20.4	330	20.4
79	146	7.47	187	10.0	217	12.2	248	14.6	279	17.2	299	19.1	330	22.0	330	22.0	330	22.0
83	146	7.98	187	10.7	217	13.1	248	15.7	279	18.5	299	20.5	330	23.8	330	23.8	330	23.8
87	146	8.52	187	11.5	217	14.0	248	16.8	279	19.9	299	22.1	327	25.3	327	25.3	327	25.3
91	146	9.09	187	12.3	217	15.0	248	18.0	279	21.3	299	23.7	321	28.3	321	28.3	321	28.3
93	146	9.38	187	12.7	217	15.5	248	18.7	279	22.1	299	24.6	319	26.9	319	26.9	319	26.9
95	146	9.69	187	13.1	217	16.1	248	19.3	279	22.9	299	25.5	316	27.4	316	27.4	316	27.4
99	146	10.3	187	14.0	217	17.2	248	20.7	279	24.6	299	27.3	310	28.5	310	28.5	310	28.5
103	146	11.0	187	15.0	217	18.4	248	22.2	279	26.3	299	29.4	304	29.6	304	29.6	304	29.6
106	146	11.7	187	16.0	217	19.6	248	23.7	279	28.1	294	30.6	300	30.3	300	30.3	300	30.3
110	146	12.7	187	17.4	217	21.4	248	25.8	279	30.7	289	32.3	290	32.8	290	32.8	290	32.8
115	146	14.0	187	19.2	217	23.8	248	28.8	252	32.7	252	32.8	253	32.8	253	32.8	253	32.8
118	146	14.8	187	20.5	217	27.2	248	29.7	219	27.7	219	27.7	219	27.7	219	27.7	219	27.7
122	146	16.0	174	20.9	174	21.0	175	21.0	175	21.1	176	21.1	176	21.1	176	21.1	176	21.1

TC Total capacity; MBH
 PI Power Input; kW (Comp.+Outdoor fan motor)
 Note1. is shown as reference.
 2. This tables reflect performance of the outdoor unit only. And not an entire system.
 3. Other factors such as indoor unit power consumption, piping losses, etc. are not included.
 And actual results may vary according to conditions of use.

REYQ336XBTJA / XBYDA Cooling Capacity for Standard Condition (Te: 43°F)

Table with columns: Combination, Outdoor air temp., Indoor air temp. ° FWB (57, 61, 64, 67, 70, 72, 75), and Capacity (TC, PI, MBH, kW) for various indoor air temperatures.

Table with columns: Combination, Outdoor air temp., Indoor air temp. ° FWB (57, 61, 64, 67, 70, 72, 75), and Capacity (TC, PI, MBH, kW) for various indoor air temperatures.

TC Total capacity; MBH
PI Power Input; kW (Comp.+Outdoor fan motor)
Note 1. is shown as reference.
2. This tables reflect performance of the outdoor unit only. And not an entire system.
3. Other factors such as indoor unit power consumption, piping losses, etc. are not included.
And actual results may vary according to conditions of use.

1. Capacity Tables (Reference Data)

REYQ360XBTJA / XBYDA Cooling Capacity for Standard Condition (Te: 43°F)

Combination	Outdoor air temp. °FDB	Indoor air temp. °FWB													
		57		61		64		67		70		72		75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	* FDB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
23	273	9.27	350	12.2	408	14.5	465	16.9	505	18.7	513	18.8	523	18.9	
30	273	9.55	350	12.6	408	15.0	465	17.6	497	19.2	504	19.3	515	19.5	
40	273	9.99	350	13.2	408	15.7	465	19.0	481	19.6	488	19.7	499	19.9	
50	273	10.5	350	13.9	408	16.9	453	19.8	464	20.0	472	20.1	482	20.2	
54	273	10.7	350	14.2	408	17.5	447	19.9	458	20.1	465	20.2	476	20.4	
58	273	10.9	350	14.5	408	18.1	440	20.1	451	20.3	458	20.4	469	20.6	
62	273	11.1	350	14.9	408	18.7	434	20.2	445	20.4	452	20.5	463	20.7	
66	273	11.4	350	15.4	408	19.3	427	20.4	438	20.6	445	20.7	456	20.9	
70	273	11.6	350	16.2	408	20.4	421	20.9	432	21.1	439	21.2	450	21.4	
72	273	11.9	350	16.9	407	21.2	418	21.4	428	21.6	436	21.8	447	22.0	
75	273	12.6	350	17.9	402	22.0	413	22.2	424	22.4	431	22.6	442	22.8	
79	273	13.5	350	19.3	395	23.0	406	23.3	417	23.5	424	23.7	435	23.9	
83	273	14.6	350	20.7	389	24.1	400	24.3	411	24.6	418	24.8	429	25.0	
87	273	15.6	350	22.3	382	25.2	393	25.4	404	25.7	411	25.9	422	26.1	
91	273	16.7	350	24.0	376	26.2	387	26.5	398	26.8	405	27.0	416	27.1	
93	273	17.3	350	24.8	373	26.8	383	27.0	394	27.3	402	27.5	413	27.5	
95	273	17.9	350	25.7	369	27.3	380	27.6	391	27.9	398	28.0	409	28.0	
99	273	19.2	350	27.6	363	28.4	374	28.7	378	28.8	378	28.8	378	28.8	
103	273	20.6	345	29.1	356	29.4	362	29.6	362	29.6	362	29.6	362	29.6	
106	273	21.9	341	30.3	350	30.6	350	30.6	350	30.6	350	30.6	351	30.6	
110	273	23.9	334	32.0	334	32.0	334	32.0	334	32.0	334	32.0	335	32.0	
115	273	26.6	289	32.3	289	32.3	290	32.4	291	32.4	291	32.4	292	32.5	
118	250	27.3	251	27.3	252	27.4	252	27.4	253	27.5	253	27.5	254	27.5	
122	200	20.7	201	20.7	201	20.8	202	20.8	202	20.8	203	20.9	203	20.9	
23	252	8.51	323	11.1	376	13.2	430	15.4	483	17.7	504	18.7	514	18.8	
30	252	8.77	323	11.5	376	13.7	430	15.9	483	18.6	496	19.2	506	19.4	
40	252	9.17	323	12.1	376	14.3	430	16.9	473	19.5	480	19.6	490	19.7	
50	252	9.60	323	12.7	376	15.1	430	18.3	457	19.8	463	19.9	473	20.1	
54	252	9.79	323	12.9	376	15.5	430	18.9	450	20.0	457	20.1	467	20.3	
58	252	9.99	323	13.2	376	16.0	430	19.5	444	20.1	450	20.2	460	20.4	
62	252	10.2	323	13.5	376	16.6	427	20.1	437	20.3	444	20.4	454	20.6	
66	252	10.4	323	13.8	376	17.2	421	20.3	431	20.4	437	20.6	447	20.7	
70	252	10.6	323	14.5	376	18.1	414	20.8	424	20.9	431	21.1	441	21.3	
72	252	10.8	323	15.0	376	18.8	411	21.3	421	21.5	428	21.6	438	21.8	
75	252	11.3	323	15.9	376	19.9	406	22.1	416	22.3	423	22.4	433	22.6	
79	252	12.2	323	17.1	376	21.5	399	23.1	410	23.3	416	23.5	426	23.7	
83	252	13.1	323	18.4	376	23.1	393	24.2	403	24.4	410	24.6	420	24.8	
87	252	14.0	323	19.8	376	24.6	386	25.3	397	25.5	403	25.7	413	25.9	
91	252	15.0	323	21.3	370	26.1	380	26.3	390	26.6	397	26.8	407	27.0	
93	252	15.5	323	22.1	367	26.6	377	26.9	387	27.1	393	27.3	402	27.5	
95	252	16.1	323	22.8	363	27.1	373	27.4	383	27.7	390	27.9	394	28.0	
99	252	17.2	323	24.5	357	28.2	367	28.5	377	28.8	378	28.8	378	28.8	
103	252	18.4	323	26.3	350	29.3	360	29.6	362	29.6	362	29.6	362	29.6	
106	252	19.6	323	28.1	346	30.5	350	30.6	350	30.6	350	30.6	351	30.6	
110	252	21.3	323	30.7	334	32.0	334	32.0	334	32.0	334	32.0	335	32.0	
115	252	23.7	289	32.3	289	32.3	290	32.4	291	32.4	291	32.4	292	32.5	
118	250	27.3	251	27.3	252	27.4	252	27.4	253	27.5	253	27.5	254	27.5	
122	200	20.7	201	20.7	201	20.8	202	20.8	202	20.8	203	20.9	203	20.9	
23	231	7.76	296	10.1	345	12.0	394	13.9	443	16.0	475	17.3	487	18.7	
30	231	8.01	296	10.4	345	12.4	394	14.4	443	16.5	475	17.5	487	19.2	
40	231	8.36	296	10.9	345	13.0	394	15.1	443	17.6	475	18.1	487	19.6	
50	231	8.75	296	11.5	345	13.6	394	16.1	443	19.1	455	19.8	484	20.0	
54	231	8.92	296	11.7	345	13.9	394	16.6	443	19.9	449	20.0	458	20.1	
58	231	9.09	296	12.0	345	14.2	394	17.2	436	20.0	442	20.1	451	20.3	
62	231	9.28	296	12.2	345	14.6	394	17.7	430	20.2	436	20.3	445	20.4	
66	231	9.47	296	12.5	345	15.1	394	18.4	423	20.3	429	20.4	438	20.6	
70	231	9.67	296	12.8	345	15.9	394	19.3	417	20.8	423	20.9	432	21.1	
72	231	9.77	296	13.3	345	16.5	394	20.1	413	21.3	419	21.5	429	21.6	
75	231	10.1	296	14.1	345	17.5	394	21.3	408	22.1	415	22.2	424	22.4	
79	231	10.9	296	15.2	345	18.9	393	23.0	402	23.2	408	23.3	417	23.5	
83	231	11.6	296	16.3	345	20.3	386	24.0	395	24.2	402	24.4	411	24.6	
87	231	12.5	296	17.5	345	21.8	380	25.1	389	25.3	395	25.5	404	25.7	
91	231	13.4	296	18.8	345	23.5	373	26.1	382	26.4	389	26.5	398	26.8	
93	231	13.8	296	19.4	345	24.3	370	26.7	379	26.9	385	27.1	394	27.3	
95	231	14.3	296	20.1	345	25.2	367	27.2	376	27.5	382	27.6	391	27.9	
99	231	15.3	296	21.6	345	27.0	360	28.3	369	28.5	376	28.7	378	28.8	
103	231	16.3	296	23.1	345	29.1	354	29.4	362	29.6	362	29.6	362	29.6	
106	231	17.4	296	24.7	340	30.3	349	30.6	350	30.6	350	30.6	351	30.6	
110	231	18.9	296	26.9	333	32.0	334	32.0	334	32.0	334	32.0	335	32.0	
115	231	21.0	289	32.3	289	32.3	290	32.4	291	32.4	291	32.4	292	32.5	
118	231	22.3	251	27.3	252	27.4	252	27.4	253	27.5	253	27.5	254	27.5	
122	200	20.7	201	20.7	201	20.8	202	20.8	202	20.8	203	20.9	203	20.9	
23	210	7.08	269	9.13	314	11.0	358	12.5	402	14.3	432	15.5	476	17.4	
30	210	7.28	269	9.41	314	11.8	358	12.9	402	14.8	432	16.0	476	18.2	
40	210	7.59	269	9.84	314	11.7	358	13.5	402	15.5	432	17.0	472	19.5	
50	210	7.93	269	10.3	314	12.2	358	14.2	402	16.6	432	18.4	455	19.8	
54	210	8.07	269	10.5	314	12.5	358	14.5	402	17.1	432	19.0	449	20.0	
58	210	8.23	269	10.7	314	12.8	358	14.9	402	17.7	432	19.7	442	20.1	
62	210	8.39	269	11.0	314	13.0	358	15.4	402	18.3	428	20.1	436	20.3	
66	210	8.56	269	11.2	314	13.3	358	15.9	402	19.0	421	20.3	429	20.4	
70	210	8.73	269	11.4	314	13.9	358	16.8	402	20.0	415	20.8	423	20.9	
72	210	8.82	269	11.7	314	14.4	358	17.5	402	20.8	411	21.3	420	21.5	
75	210	8.98	269	12.4	314	15.3	358	18.5	401	22.0	406	22.1	415	22.3	
79	210	9.63	269	13.3	314	16.4	358	19.9	394	23.0	400	23.1	408	23.3	
83	210	10.3	269	14.3	314	17.7	358	21.4	388	24.1	393	24.2	402	24.4	
87	210	11.0	269	15.3	314	19.0	358	23.1	381	25.1	387	25.3	395	25.5	
91	210	11.8	269	16.4	314	20.4	358	24.8	375	26.2	380	26.3	385	26.5	
93	210	12.2	269	17.0	314	21.1	358	25.7	372	26.7	377	26.9	386	27.1	
95	210	12.6	269	17.6	314	21.9	358	26.6	368	27.3	374	27.4	382	27.6	
99	210	13.5	269	18.8	314	23.4	353	28.1	362	28.3	367	28.5	376	28.7	
103															

REYQ384XBTJA / XBYDA Cooling Capacity for Standard Condition (Te: 43°F)

Table with columns: Combination, Outdoor air temp., Indoor air temp. ° FWB (57, 61, 64, 67, 70, 72, 75). Rows include combinations 130, 120, 110, 100, and 90.

Table with columns: Combination, Outdoor air temp., Indoor air temp. ° FWB (57, 61, 64, 67, 70, 72, 75). Rows include combinations 80, 70, 60, and 50.

TC Total capacity; MBH
PI Power Input; kW (Comp.+Outdoor fan motor)
Note 1. is shown as reference.
2. This tables reflect performance of the outdoor unit only. And not an entire system.
3. Other factors such as indoor unit power consumption, piping losses, etc. are not included.
And actual results may vary according to conditions of use.

1. Capacity Tables (Reference Data)

REYQ408XBTJA / XBYDA Cooling Capacity for Standard Condition (Te: 43°F)

Table with columns for Outdoor air temp., Indoor air temp. ° FWB, and Capacity (MBH, kW) for various combinations of air flow rates and temperatures.

Table with columns for Outdoor air temp., Indoor air temp. ° FWB, and Capacity (MBH, kW) for various combinations of air flow rates and temperatures.

TC Total capacity; MBH
PI Power Input; kW (Comp.+Outdoor fan motor)
Note 1. is shown as reference.
2. This tables reflect performance of the outdoor unit only. And not an entire system.
3. Other factors such as indoor unit power consumption, piping losses, etc. are not included.
And actual results may vary according to conditions of use.

REYQ432XBTJA / XBYDA Cooling Capacity for Standard Condition (Te: 43°F)

Table with columns: Combination, Outdoor air temp., Indoor air temp. ° FWB (57, 61, 64, 67, 70, 72, 75), and Capacity (TC, PI, MBH, kW) for various indoor air temperatures and outdoor air temperatures.

Table with columns: Combination, Outdoor air temp., Indoor air temp. ° FWB (57, 61, 64, 67, 70, 72, 75), and Capacity (TC, PI, MBH, kW) for various indoor air temperatures and outdoor air temperatures.

TC Total capacity; MBH
PI Power Input; kW (Comp.+Outdoor fan motor)
Note 1. is shown as reference.
2. This tables reflect performance of the outdoor unit only. And not an entire system.
3. Other factors such as indoor unit power consumption, piping losses, etc. are not included.
And actual results may vary according to conditions of use.

1. Capacity Tables (Reference Data)

REYQ456XBTJA / XBYDA Cooling Capacity for Standard Condition (Te: 43°F)

Combination	Outdoor air temp.	Indoor air temp. ° FWB													
		57		61		64		67		70		72		75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	* FDB	MBH : kW	MBH : kW	MBH : kW	MBH : kW	MBH : kW	MBH : kW	MBH : kW	MBH : kW	MBH : kW	MBH : kW	MBH : kW	MBH : kW	MBH : kW	
23	343	13.6	440	17.9	512	21.3	585	24.9	635	26.7	644	26.1	658	25.2	
30	343	14.0	440	18.5	512	22.0	585	25.7	621	26.5	630	25.9	644	24.9	
40	343	14.7	440	19.4	512	23.1	585	26.9	601	26.1	610	25.5	623	24.4	
50	343	15.4	440	20.4	512	24.3	567	26.8	580	25.7	589	25.0	603	23.9	
54	343	15.7	440	20.8	512	24.8	559	26.6	572	25.5	581	24.8	595	24.7	
58	343	16.0	440	21.2	512	25.4	550	26.5	564	25.9	573	26.0	587	26.3	
62	343	16.4	440	21.7	512	25.9	542	27.2	556	27.4	565	27.6	579	27.8	
66	343	16.7	440	22.2	512	27.6	534	28.7	548	29.0	557	29.1	570	29.4	
70	343	17.1	440	23.9	512	29.9	526	30.2	540	30.5	549	30.7	562	31.0	
72	343	17.5	440	24.8	508	30.7	522	31.0	536	31.3	545	31.5	558	31.8	
75	343	18.5	440	26.2	502	31.8	516	32.1	529	32.4	539	32.7	552	33.0	
79	343	19.9	440	28.3	494	33.3	508	33.7	521	34.0	530	34.2	544	34.6	
83	343	21.4	440	30.5	486	34.9	500	35.2	513	35.6	522	35.8	536	36.2	
87	343	22.9	440	32.7	478	36.4	492	36.8	505	37.1	514	37.4	528	37.8	
91	343	24.6	440	35.2	470	37.9	483	38.3	497	38.7	506	39.0	513	39.2	
93	343	25.4	440	36.5	466	38.7	479	39.1	493	39.5	502	39.8	503	39.8	
95	343	26.3	440	37.8	462	39.5	475	39.9	489	40.3	493	40.5	493	40.5	
99	343	28.2	440	40.6	454	41.0	467	41.5	473	41.7	473	41.7	473	41.7	
103	343	30.2	432	42.1	445	42.6	453	42.8	453	42.8	453	42.9	453	42.9	
106	343	32.2	426	43.8	438	44.3	438	44.3	438	44.3	438	44.3	438	44.3	
110	343	35.1	418	46.3	418	46.3	418	46.3	418	46.3	418	46.3	418	46.3	
115	343	39.1	361	46.7	362	46.8	362	46.8	363	46.9	364	46.9	364	47.0	
118	313	39.5	314	39.6	314	39.6	313	39.7	316	39.7	316	39.7	316	39.8	
122	250	29.9	251	30.0	251	30.0	252	30.1	253	30.1	253	30.2	254	30.2	
23	317	12.5	406	16.4	473	19.4	540	22.6	607	25.9	634	26.8	647	26.0	
30	317	12.9	406	16.9	473	20.1	540	23.4	607	26.8	620	26.6	632	25.7	
40	317	13.5	406	17.7	473	21.1	540	24.6	591	26.8	600	26.2	612	25.3	
50	317	14.1	406	18.6	473	22.6	540	25.8	571	26.4	579	25.9	592	24.8	
54	317	14.4	406	19.0	473	22.2	540	26.4	563	26.3	571	25.6	584	24.6	
58	317	14.7	406	19.4	473	23.1	540	26.9	555	26.1	563	25.9	575	26.1	
62	317	15.0	406	19.8	473	23.6	534	27.0	546	27.2	555	27.4	567	27.6	
66	317	15.3	406	20.2	473	24.5	526	28.5	538	28.5	547	28.9	559	29.2	
70	317	15.6	406	21.3	473	26.5	518	30.0	530	30.3	539	30.5	551	30.7	
72	317	15.8	406	22.1	473	27.6	514	30.8	526	31.1	534	31.3	547	31.5	
75	317	16.6	406	23.4	473	29.2	508	31.9	520	32.2	528	32.4	541	32.7	
79	317	17.9	406	25.2	473	31.5	499	33.5	512	33.8	520	34.0	533	34.3	
83	317	19.2	406	27.1	473	33.9	491	35.0	504	35.3	512	35.5	525	35.9	
87	317	20.6	406	29.1	471	36.2	483	36.5	496	36.9	504	37.1	517	37.5	
91	317	22.0	406	31.3	462	37.7	475	38.1	488	38.4	496	38.7	508	39.1	
93	317	22.8	406	32.4	458	38.5	471	38.9	483	39.2	492	39.5	503	39.8	
95	317	23.6	406	33.5	454	39.2	467	39.6	479	40.0	488	40.3	493	40.5	
99	317	25.2	406	36.0	446	40.8	459	41.2	471	41.6	473	41.7	473	41.7	
103	317	27.0	406	38.6	438	42.3	451	42.8	453	42.8	453	42.9	453	42.9	
106	317	28.8	406	41.2	432	44.1	438	44.3	438	44.3	438	44.3	438	44.3	
110	317	31.3	406	45.0	418	46.3	418	46.3	418	46.3	418	46.3	418	46.3	
115	317	34.8	361	46.7	362	46.8	362	46.8	363	46.9	364	46.9	364	47.0	
118	313	39.5	314	39.6	314	39.6	313	39.7	316	39.7	316	39.7	316	39.8	
122	250	29.9	251	30.0	251	30.0	252	30.1	253	30.1	253	30.2	254	30.2	
23	290	11.4	372	14.9	434	17.8	498	20.5	556	23.4	597	26.3	635	28.7	
30	290	11.8	372	15.3	434	18.2	496	21.2	556	24.2	597	26.3	621	26.5	
40	290	12.3	372	16.0	434	19.1	496	22.2	556	25.4	599	26.9	601	26.1	
50	290	12.9	372	16.8	434	20.0	496	23.4	556	26.7	599	26.6	581	25.7	
54	290	13.1	372	17.2	434	20.5	496	23.8	553	27.0	561	26.4	572	25.5	
58	290	13.4	372	17.5	434	20.9	496	24.4	545	26.9	553	26.3	564	25.9	
62	290	13.6	372	17.9	434	21.3	496	24.9	537	27.1	545	27.2	556	27.4	
66	290	13.9	372	18.3	434	21.8	496	25.2	529	28.6	537	28.7	548	29.0	
70	290	14.2	372	18.8	434	23.4	496	28.4	521	30.1	528	30.3	540	30.5	
72	290	14.3	372	19.6	434	24.3	496	29.5	517	30.9	524	31.0	536	31.3	
75	290	14.9	372	20.7	434	25.7	496	31.3	511	32.0	518	32.2	530	32.4	
79	290	15.9	372	22.3	434	27.7	491	33.3	502	33.5	510	33.7	522	34.0	
83	290	17.1	372	23.9	434	29.8	483	34.8	494	35.1	502	35.3	513	35.6	
87	290	18.3	372	25.7	434	32.1	475	36.3	486	36.6	494	36.8	505	37.2	
91	290	19.6	372	27.6	434	34.4	467	37.8	478	38.2	486	38.4	497	38.7	
93	290	20.3	372	28.5	434	35.7	462	38.6	474	38.9	482	39.2	493	39.5	
95	290	21.0	372	29.5	434	37.0	458	39.4	470	39.7	478	40.0	489	40.3	
99	290	22.4	372	31.7	434	39.7	450	40.9	462	41.3	469	41.6	473	41.7	
103	290	24.2	372	33.9	434	42.1	442	42.5	453	42.8	455	42.9	453	42.9	
106	290	26.5	372	36.2	426	45.8	436	44.2	438	44.3	438	44.3	438	44.3	
110	290	27.8	372	39.9	416	48.2	418	46.3	418	46.3	418	46.3	418	46.3	
115	290	30.8	361	46.7	362	46.8	362	46.8	363	46.9	364	46.9	364	47.0	
118	290	32.8	314	39.6	314	39.6	315	39.7	316	39.7	316	39.7	316	39.8	
122	250	29.9	251	30.0	251	30.0	252	30.1	253	30.1	253	30.2	254	30.2	
23	264	10.4	338	13.4	394	16.3	450	18.4	506	21.0	543	22.8	599	25.5	
30	264	10.7	338	13.8	394	15.8	450	19.0	506	21.7	543	23.5	599	26.4	
40	264	11.1	338	14.4	394	17.1	450	19.9	506	22.8	543	24.7	590	26.9	
50	264	11.6	338	15.2	394	18.0	450	20.9	506	23.9	543	26.0	569	26.6	
54	264	11.9	338	15.5	394	18.3	450	21.4	506	24.4	543	26.5	561	26.4	
58	264	12.1	338	15.8	394	18.7	450	21.8	506	25.0	543	27.1	553	26.3	
62	264	12.3	338	16.1	394	19.1	450	22.3	506	25.5	534	27.0	545	27.2	
66	264	12.6	338	16.4	394	19.6	450	22.8	506						

1.1.2 Celsius

REYQ72XBTJA / XBYDA Cooling Capacity for Standard Condition (Te: 6°C)

Combination	Outdoor air temp. °CDB	Indoor air temp. °CDB																											
		13.9			16.1			17.8			19.4			21.1			22.2			23.9									
		TC	PI	KW	TC	PI	KW	TC	PI	KW	TC	PI	KW	TC	PI	KW	TC	PI	KW	TC	PI	KW	TC	PI	KW				
-5.0	16.1	1.54	20.6	2.03	24.0	2.42	27.4	2.82	29.8	3.12	30.2	3.13	30.8	3.16	16.1	1.59	20.6	2.10	24.0	2.50	27.4	2.93	29.1	3.16	29.5	3.18	30.2	3.20	
4.4	16.1	1.67	20.6	2.20	24.0	2.62	27.4	3.17	28.2	3.22	28.6	3.24	29.2	3.26	10.0	1.75	20.6	2.31	24.0	2.82	26.6	3.25	27.2	3.28	27.6	3.30	28.3	3.33	
12.2	16.1	1.78	20.6	2.36	24.0	2.91	26.2	3.27	26.8	3.30	27.3	3.32	27.9	3.35	14.4	1.82	20.6	2.41	24.0	3.01	25.8	3.30	26.4	3.33	26.9	3.35	27.5	3.38	
16.7	16.1	1.86	20.6	2.49	24.0	3.11	25.4	3.32	26.1	3.35	26.5	3.37	27.1	3.40	18.9	1.90	20.6	2.57	24.0	3.22	25.1	3.35	25.7	3.38	26.1	3.40	26.7	3.43	
21.1	16.1	1.94	20.6	2.71	24.0	3.40	24.7	3.43	25.3	3.46	25.7	3.49	26.4	3.52	21.1	1.99	20.6	2.82	23.8	3.48	24.5	3.52	25.1	3.55	25.5	3.57	26.2	3.61	
23.9	16.1	2.10	20.6	2.98	23.6	3.61	24.2	3.65	24.8	3.68	25.3	3.71	25.9	3.74	26.1	2.26	20.6	3.21	23.2	3.79	23.8	3.62	24.4	3.66	24.9	3.69	25.5	3.92	
28.3	16.1	2.43	20.6	3.46	22.8	3.96	23.4	4.00	24.1	4.04	24.5	4.07	25.1	4.11	30.6	1.61	2.60	3.72	22.4	4.13	23.0	4.17	23.7	4.22	24.1	4.25	24.7	4.28	
32.8	16.1	2.79	20.6	4.00	22.0	4.31	22.7	4.35	23.3	4.40	23.7	4.43	23.8	4.43	33.9	1.61	2.89	4.14	21.8	4.39	22.5	4.44	23.1	4.49	23.3	4.50	23.3	4.50	
35.0	16.1	2.99	20.6	4.29	21.6	4.48	22.3	4.53	22.8	4.57	22.8	4.57	22.9	4.57	37.2	1.61	3.20	4.61	21.3	4.64	21.9	4.71	21.9	4.71	21.9	4.71	22.0	4.71	
39.4	16.1	3.43	20.3	4.78	20.9	4.86	21.0	4.85	21.0	4.85	21.0	4.85	21.0	4.85	41.1	1.61	3.61	5.09	19.5	5.09	19.5	5.09	19.5	5.09	19.5	5.09	19.5	5.09	
43.3	16.1	3.87	19.5	5.09	19.5	5.09	19.5	5.09	19.5	5.09	19.5	5.09	19.5	5.09	46.1	1.61	4.31	16.5	5.33	16.5	5.34	16.6	5.35	16.6	5.35	16.6	5.35	16.6	5.36
47.8	14.4	4.55	14.4	4.56	14.4	4.56	14.4	4.56	14.5	4.57	14.5	4.58	14.5	4.58	47.8	1.61	4.55	14.4	4.56	14.4	4.56	14.5	4.57	14.5	4.58	14.5	4.58	14.5	4.59
50.0	11.6	3.52	11.6	3.53	11.7	3.54	11.7	3.54	11.7	3.55	11.8	3.55	11.8	3.56															

Combination	Outdoor air temp. °CDB	Indoor air temp. °CDB																											
		13.9			16.1			17.8			19.4			21.1			22.2			23.9									
		TC	PI	KW	TC	PI	KW	TC	PI	KW	TC	PI	KW	TC	PI	KW	TC	PI	KW	TC	PI	KW	TC	PI	KW				
-5.0	9.91	0.96	12.7	1.21	14.8	1.41	16.9	1.63	19.0	1.85	20.4	2.00	22.5	2.24	16.7	0.91	1.12	12.7	1.44	14.8	1.69	16.9	1.96	19.0	2.24	2.44	22.5	2.82	
4.4	9.91	1.02	12.7	1.30	14.8	1.52	16.9	1.76	19.0	2.00	20.4	2.17	22.5	2.43	18.9	0.91	1.14	12.7	1.46	14.8	1.73	16.9	2.00	19.0	2.29	2.40	2.53	2.91	
10.0	9.91	1.06	12.7	1.36	14.8	1.59	16.9	1.84	19.0	2.10	20.4	2.28	22.5	2.55	21.1	0.91	1.16	12.7	1.49	14.8	1.76	16.9	2.05	19.0	2.40	2.40	2.66	3.07	
12.2	9.91	1.08	12.7	1.38	14.8	1.62	16.9	1.88	19.0	2.15	20.4	2.33	22.5	2.64	22.2	0.91	1.17	12.7	1.51	14.8	1.78	16.9	2.12	19.0	2.50	2.40	2.76	3.19	
14.4	9.91	1.10	12.7	1.41	14.8	1.66	16.9	1.92	19.0	2.19	20.4	2.38	22.5	2.72	23.9	0.91	1.19	12.7	1.54	14.8	1.88	16.9	2.24	19.0	2.64	2.40	2.93	3.25	
16.7	9.91	1.24	12.7	1.66	14.8	2.02	16.9	2.41	19.0	2.84	20.4	3.15	22.5	3.65	26.1	0.91	1.24	12.7	1.66	14.8	2.02	16.9	2.41	19.0	2.84	2.40	3.15	3.65	
18.9	9.91	1.32	12.7	1.78	14.8	2.16	16.9	2.59	19.0	3.06	20.4	3.39	22.5	3.93	28.3	0.91	1.32	12.7	1.78	14.8	2.16	16.9	2.59	19.0	3.06	2.40	3.39	3.93	
21.1	9.91	1.41	12.7	1.90	14.8	2.32	16.9	2.78	19.0	3.29	20.4	3.65	22.1	4.11	30.6	0.91	1.41	12.7	1.90	14.8	2.32	16.9	2.78	19.0	3.29	2.40	3.65	4.11	
23.9	9.91	1.50	12.7	2.03	14.8	2.48	16.9	2.98	19.0	3.53	20.4	3.92	21.7	4.29	32.8	0.91	1.50	12.7	2.03	14.8	2.48	16.9	2.98	19.0	3.53	2.40	3.92	4.29	
26.1	9.91	1.55	12.7	2.10	14.8	2.57	16.9	3.09	19.0	3.66	20.4	4.06	21.5	4.37	33.9	0.91	1.55	12.7	2.10	14.8	2.57	16.9	3.09	19.0	3.66	2.40	4.06	4.37	
28.3	9.91	1.60	12.7	2.17	14.8	2.66	16.9	3.20	19.0	3.79	20.4	4.21	21.4	4.46	35.0	0.91	1.60	12.7	2.17	14.8	2.66	16.9	3.20	19.0	3.79	2.40	4.21	4.46	
30.6	9.91	1.71	12.7	2.32	14.8	2.85	16.9	3.43	19.0	4.06	20.4	4.52	21.0	4.63	37.2	0.91	1.71	12.7	2.32	14.8	2.85	16.9	3.43	19.0	4.06	2.40	4.52	4.63	
32.8	9.91	1.82	12.7	2.48	14.8	3.04	16.9	3.67	19.0	4.36	20.2	4.78	20.6	4.81	39.4	0.91	1.82	12.7	2.48	14.8	3.04	16.9	3.67	19.0	4.36	2.40	4.78	4.81	
35.0	9.91	1.90	12.7	2.60	14.8	3.20	16.9	3.86	19.0	4.59	19.9	4.91	20.3	4.94	41.1	0.91	1.90	12.7	2.60	14.8	3.20	16.9	3.86	19.0	4.59	19.9	4.91	20.3	4.94
37.2	9.91	2.03	12.7	2.78	14.8	3.43	16.9	4.15	19.0	4.93	19.5	5.09	20.5	5.09	43.3	0.91	2.03	12.7	2.78	14.8	3.43	16.9	4.15	19.0	4.93	19.5	5.09	20.5	5.09
39.4	9.91	2.24	12.7	3.09	14.8	3.81	16.5	5.34	16.6	5.35	16.6	5.35	16.6	5.36	46.1	0.91	2.24	12.7	3.09	14.8	3.81	16.5	5.34	16.6	5.35	16.6	5.35	16.6	5.36
41.1	9.91	2.38	12.7	3.28	14.4	4.56	14.5	4.58	14.5	4.58	14.5	4.58	14.5	4.59	47.8	0.91	2.38	12.7	3.28	14.4	4.56	14.5	4.58	14.5	4.58	14.5	4.58	14.5	4.59
43.3	9.91	2.57	11.6	3.53	11.7	3.54	11.7	3.54	11.7	3.55	11.8	3.55	11.8	3.56															

TC Total capacity: kW
 PI Power Input: kW (Comp + Outdoor fan motor)
 Note 1. is shown as reference.
 2. This tables reflect performance of the outdoor unit only. And not an entire system.
 3. Other factors such as indoor unit power consumption, piping losses, etc. are not included.
 And actual results may vary according to conditions of use.

1. Capacity Tables (Reference Data)

REYQ96XBTJA / XBYDA Cooling Capacity for Standard Condition (Te: 6°C)

Table with columns for Outdoor air temp., Indoor air temp. °C DB (13.9, 16.1, 17.8, 19.4, 21.1, 22.2, 23.9), and Cooling Capacity (kW, PI, kW, PI). Rows are categorized by unit size (130, 120, 110, 100, 90).

Table with columns for Outdoor air temp., Indoor air temp. °C DB (13.9, 16.1, 17.8, 19.4, 21.1, 22.2, 23.9), and Cooling Capacity (kW, PI, kW, PI). Rows are categorized by unit size (80, 70, 60, 50).

TC Total capacity; kW
PI Power Input; kW (Comp.+Outdoor fan motor)
Note 1. is shown as reference.
2. This tables reflect performance of the outdoor unit only. And not an entire system.
3. Other factors such as indoor unit power consumption, piping losses, etc. are not included.
And actual results may vary according to conditions of use.

REYQ120XBTJA / XBYDA Cooling Capacity for Standard Condition (Te: 6°C)

Table with columns for Outdoor air temp., Indoor air temp. °C DB (13.9, 16.1, 17.8, 19.4, 21.1, 22.2, 23.9), and Capacity (kW, PI). Rows are categorized by outdoor air temperature from -5.0 to 50.0.

Table with columns for Outdoor air temp., Indoor air temp. °C DB (13.9, 16.1, 17.8, 19.4, 21.1, 22.2, 23.9), and Capacity (kW, PI). Rows are categorized by outdoor air temperature from -5.0 to 50.0.

TC Total capacity; kW
PI Power Input; kW (Comp.+Outdoor fan motor)
Note 1. is shown as reference.
2. This tables reflect performance of the outdoor unit only. And not an entire system.
3. Other factors such as indoor unit power consumption, piping losses, etc. are not included.
And actual results may vary according to conditions of use.

1. Capacity Tables (Reference Data)

REYQ144XBTJA / XBYDA Cooling Capacity for Standard Condition (Te: 6°C)

Table with columns: Combination, Outdoor air temp., Indoor air temp. °CDB (13.9, 16.1, 17.8, 19.4, 21.1, 22.2, 23.9), and kW. Rows are grouped by indoor air temperature (130, 120, 110, 100, 90) and outdoor air temperature (-5.0 to 50.0).

Table with columns: Combination, Outdoor air temp., Indoor air temp. °CDB (13.9, 16.1, 17.8, 19.4, 21.1, 22.2, 23.9), and kW. Rows are grouped by indoor air temperature (80, 70, 60, 50) and outdoor air temperature (-5.0 to 50.0).

TC Total capacity; kW
PI Power Input; kW (Comp.+Outdoor fan motor)
Note1. is shown as reference.
2. This tables reflect performance of the outdoor unit only. And not an entire system.
3. Other factors such as indoor unit power consumption, piping losses, etc. are not included.
And actual results may vary according to conditions of use.

REYQ168XBTJA / XBYDA Cooling Capacity for Standard Condition (Te: 6°C)

Table with columns: Combination, Outdoor air temp., Indoor air temp. °CDB (13.9, 16.1, 17.8, 19.4, 21.1, 22.2, 23.9), and Capacity (kW, PI). Rows are grouped by indoor air temperature (130, 120, 110, 100, 90).

Table with columns: Combination, Outdoor air temp., Indoor air temp. °CDB (13.9, 16.1, 17.8, 19.4, 21.1, 22.2, 23.9), and Capacity (kW, PI). Rows are grouped by indoor air temperature (80, 70, 60, 50).

TC Total capacity; kW
PI Power Input; kW (Comp.+Outdoor fan motor)
Note 1. is shown as reference.
2. This tables reflect performance of the outdoor unit only. And not an entire system.
3. Other factors such as indoor unit power consumption, piping losses, etc. are not included.
And actual results may vary according to conditions of use.

1. Capacity Tables (Reference Data)

REYQ216XBTJA / XBYDA Cooling Capacity for Standard Condition (Te: 6°C)

Table with columns for Combination, Outdoor air temp., Indoor air temp. °CDB (13.9, 16.1, 17.8, 19.4, 21.1, 22.2, 23.9), and Capacity (kW, PI, TC, PI). Rows are grouped by indoor air temperature (130, 120, 110, 100, 90) and outdoor air temperature (-5.0 to 50.0).

Table with columns for Combination, Outdoor air temp., Indoor air temp. °CDB (13.9, 16.1, 17.8, 19.4, 21.1, 22.2, 23.9), and Capacity (kW, PI, TC, PI). Rows are grouped by indoor air temperature (80, 70, 60, 50) and outdoor air temperature (-5.0 to 50.0).

TC Total capacity; kW
PI Power Input; kW (Comp.+Outdoor fan motor)
Note1. is shown as reference.
2. This tables reflect performance of the outdoor unit only. And not an entire system.
3. Other factors such as indoor unit power consumption, piping losses, etc. are not included.
And actual results may vary according to conditions of use.

1. Capacity Tables (Reference Data)

REYQ240XBTJA / XBYDA Cooling Capacity for Standard Condition (Te: 6°C)

Table with columns: Combination, Outdoor air temp., Indoor air temp. °CDB (13.9, 16.1, 17.8, 19.4, 21.1, 22.2, 23.9), and kW/PI values for various indoor air temperatures.

Table with columns: Combination, Outdoor air temp., Indoor air temp. °CDB (13.9, 16.1, 17.8, 19.4, 21.1, 22.2, 23.9), and kW/PI values for various indoor air temperatures.

TC Total capacity; kW
PI Power Input; kW (Comp.+Outdoor fan motor)
Note1. is shown as reference.
2. This tables reflect performance of the outdoor unit only. And not an entire system.
3. Other factors such as indoor unit power consumption, piping losses, etc. are not included.
And actual results may vary according to conditions of use.

REYQ264XBTJA / XBYDA Cooling Capacity for Standard Condition (Te: 6°C)

Table with columns for Combination, Outdoor air temp. °CDB, Indoor air temp. °CDB (13.9, 16.1, 17.8, 19.4, 21.1, 22.2, 23.9), and Capacity (kW, PI, kW, PI). Rows are grouped by indoor air temperature (130, 120, 110, 100, 90) and outdoor air temperature (-5.0 to 50.0).

Table with columns for Combination, Outdoor air temp. °CDB, Indoor air temp. °CDB (13.9, 16.1, 17.8, 19.4, 21.1, 22.2, 23.9), and Capacity (kW, PI, kW, PI). Rows are grouped by indoor air temperature (80, 70, 60, 50) and outdoor air temperature (-5.0 to 50.0).

TC Total capacity; kW
PI Power Input; kW (Comp.+Outdoor fan motor)
Note1. is shown as reference.
2. This tables reflect performance of the outdoor unit only. And not an entire system.
3. Other factors such as indoor unit power consumption, piping losses, etc. are not included.
And actual results may vary according to conditions of use.

1. Capacity Tables (Reference Data)

REYQ288XBTJA / XBYDA Cooling Capacity for Standard Condition (Te: 6°C)

Table with columns for Combination, Outdoor air temp., Indoor air temp. °CDB (13.9, 16.1, 17.8, 19.4, 21.1, 22.2, 23.9), and %.

Table with columns for Combination, Outdoor air temp., Indoor air temp. °CDB (13.9, 16.1, 17.8, 19.4, 21.1, 22.2, 23.9), and %.

TC Total capacity; kW
PI Power Input; kW (Comp.+Outdoor fan motor)
Note1. is shown as reference.

- 2. This tables reflect performance of the outdoor unit only. And not an entire system.
3. Other factors such as indoor unit power consumption, piping losses, etc. are not included.
And actual results may vary according to conditions of use.

REYQ312XBTJA / XBYDA Cooling Capacity for Standard Condition (Te: 6°C)

Table with columns for Combination, Outdoor air temp., Indoor air temp. °C DB (13.9, 16.1, 17.8, 19.4, 21.1, 22.2, 23.9), and Capacity (kW, PI, TC, PI). Rows are grouped by indoor air temperature (130, 120, 110, 100, 90) and outdoor air temperature (-5.0 to 50.0).

Table with columns for Combination, Outdoor air temp., Indoor air temp. °C DB (13.9, 16.1, 17.8, 19.4, 21.1, 22.2, 23.9), and Capacity (kW, PI, TC, PI). Rows are grouped by indoor air temperature (80, 70, 60, 50) and outdoor air temperature (-5.0 to 50.0).

TC Total capacity; kW
PI Power Input; kW (Comp.+Outdoor fan motor)
Note1. is shown as reference.
2. This tables reflect performance of the outdoor unit only. And not an entire system.
3. Other factors such as indoor unit power consumption, piping losses, etc. are not included.
And actual results may vary according to conditions of use.

1. Capacity Tables (Reference Data)

REYQ336XBTJA / XBYDA Cooling Capacity for Standard Condition (Te: 6°C)

Table with 15 columns: Combination, Outdoor air temp., 13.9, 16.1, 17.8, 19.4, 21.1, 22.2, 23.9. Includes data for 130, 120, 110, 100, and 90 series.

Table with 15 columns: Combination, Outdoor air temp., 13.9, 16.1, 17.8, 19.4, 21.1, 22.2, 23.9. Includes data for 80, 70, 60, 50 series.

TC Total capacity, kW
PI Power Input; kW (Comp.+Outdoor fan motor)
Note1. is shown as reference.
2. This tables reflect performance of the outdoor unit only. And not an entire system.
3. Other factors such as indoor unit power consumption, piping losses, etc. are not included.
And actual results may vary according to conditions of use.

REYQ360XBTJA / XBYDA Cooling Capacity for Standard Condition (Te: 6°C)

Table with columns for Outdoor air temp., Indoor air temp. °CDB, and Capacity (kW). Rows are grouped by outdoor air temperature (13.9, 16.1, 17.8, 19.4, 21.1, 22.2, 23.9) and indoor air temperature (13.0, 15.0, 17.0, 19.0, 21.0, 23.0).

Table with columns for Outdoor air temp., Indoor air temp. °CDB, and Capacity (kW). Rows are grouped by outdoor air temperature (13.9, 16.1, 17.8, 19.4, 21.1, 22.2, 23.9) and indoor air temperature (13.0, 15.0, 17.0, 19.0, 21.0, 23.0).

TC Total capacity; kW
PI Power Input; kW (Comp.+Outdoor fan motor)
Note1. is shown as reference.
2. This tables reflect performance of the outdoor unit only. And not an entire system.
3. Other factors such as indoor unit power consumption, piping losses, etc. are not included.
And actual results may vary according to conditions of use.

1. Capacity Tables (Reference Data)

REYQ384XBTJA / XBYDA Cooling Capacity for Standard Condition (Te: 6°C)

Table with columns: Combination, Outdoor air temp., Indoor air temp. °CDB (13.9, 16.1, 17.8, 19.4, 21.1, 22.2, 23.9), TC, PI, kW, kW, kW, kW, kW, kW, kW, kW, kW, kW, kW, kW, kW, kW. Rows are grouped by indoor air temperature (130, 120, 110, 100) and outdoor air temperature (-5.0 to 50.0).

Table with columns: Combination, Outdoor air temp., Indoor air temp. °CDB (13.9, 16.1, 17.8, 19.4, 21.1, 22.2, 23.9), TC, PI, kW, kW, kW, kW, kW, kW, kW, kW, kW, kW, kW, kW, kW, kW. Rows are grouped by indoor air temperature (80, 70, 60, 50) and outdoor air temperature (-5.0 to 50.0).

TC Total capacity; kW
PI Power Input; kW (Comp.+Outdoor fan motor)
Note1. is shown as reference.
2. These tables reflect performance of the outdoor unit only. And not an entire system.
3. Other factors such as indoor unit power consumption, piping losses, etc. are not included.
And actual results may vary according to conditions of use.

REYQ408XBTJA / XBYDA Cooling Capacity for Standard Condition (Te: 6°C)

Table with columns: Combination, Outdoor air temp., Indoor air temp. °CDB (13.9, 16.1, 17.8, 19.4, 21.1, 22.2, 23.9), and Capacity (kW, PI). Rows are grouped by indoor air temperature (130, 120, 110, 100, 90) and outdoor air temperature (-5.0 to 50.0).

Table with columns: Combination, Outdoor air temp., Indoor air temp. °CDB (13.9, 16.1, 17.8, 19.4, 21.1, 22.2, 23.9), and Capacity (kW, PI). Rows are grouped by indoor air temperature (80, 70, 60, 50) and outdoor air temperature (-5.0 to 50.0).

TC Total capacity; kW
PI Power Input; kW (Comp.+Outdoor fan motor)
Note 1. is shown as reference.
2. This tables reflect performance of the outdoor unit only. And not an entire system.
3. Other factors such as indoor unit power consumption, piping losses, etc. are not included.
And actual results may vary according to conditions of use.

1. Capacity Tables (Reference Data)

REYQ432XBTJA / XBYDA Cooling Capacity for Standard Condition (Te: 6°C)

Table with columns for Combination, Outdoor air temp., Indoor air temp. °CDB, and capacity values (kW, PI, kW, PI) for various conditions. Includes a sub-table for 90.

Table with columns for Combination, Outdoor air temp., Indoor air temp. °CDB, and capacity values (kW, PI, kW, PI) for various conditions. Includes a sub-table for 70.

TC Total capacity; kW
PI Power Input; kW (Comp.+Outdoor fan motor)
Note1. is shown as reference.
2. This tables reflect performance of the outdoor unit only. And not an entire system.
3. Other factors such as indoor unit power consumption, piping losses, etc. are not included.
And actual results may vary according to conditions of use.

REYQ456XBTJA / XBYDA Cooling Capacity for Standard Condition (Te: 6°C)

Table with columns: Combination, Outdoor air temp., Indoor air temp. °CDB (13.9, 16.1, 17.8, 19.4, 21.1, 22.2, 23.9), and Capacity (kW, PI, kW, PI). Rows are grouped by outdoor temperature (80, 70, 60, 50) and indoor temperature (130, 120, 110, 100, 90).

Table with columns: Combination, Outdoor air temp., Indoor air temp. °CDB (13.9, 16.1, 17.8, 19.4, 21.1, 22.2, 23.9), and Capacity (kW, PI, kW, PI). Rows are grouped by outdoor temperature (80, 70, 60, 50) and indoor temperature (130, 120, 110, 100, 90).

TC Total capacity; kW
PI Power Input; kW (Comp.+Outdoor fan motor)
Note1. is shown as reference.
2. This tables reflect performance of the outdoor unit only. And not an entire system.
3. Other factors such as indoor unit power consumption, piping losses, etc. are not included.
And actual results may vary according to conditions of use.

1. Capacity Tables (Reference Data)

1.2 Heating Capacity for Standard Condition (Tc: 115°F (46°C)) (REYQ-XBTJA / REYQ-XBYDA)

1.2.1 Fahrenheit

REYQ72XBTJA / XBYDA Heating Capacity for Standard Condition (Tc: 115°F)

Combination	Outdoor air temp.		Indoor air temp. ° FDB										Combination	Outdoor air temp.		Indoor air temp. ° FDB															
			61		65		68		70		72					75		61		65		68		70		72		75			
			° FDB	° FWB	TC	PI	TC	PI	TC	PI	TC	PI				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI		
130	-12.6	-13.0	46.6	4.30	46.4	4.70	46.2	5.00	46.1	5.20	46.0	5.40	45.8	5.70	-12.6	-13.0	45.5	6.36	45.3	6.61	45.2	6.79	45.2	6.92	45.1	7.04	45.0	7.22			
	120	-12.6	-13.0	46.4	4.72	46.2	5.08	46.0	5.36	45.9	5.54	45.8	5.73	45.7	6.00	-12.6	-13.0	45.2	6.78	45.1	6.99	45.0	7.15	45.0	7.26	44.9	7.37	44.8	7.53		
		110	-12.6	-13.0	46.2	5.13	46.0	5.46	45.8	5.72	45.7	5.89	45.6	6.05	45.5	6.31	-12.6	-13.0	45.9	5.54	45.8	5.85	45.6	6.08	45.5	6.23	45.5	6.38	45.3	6.61	
			90	-12.6	-13.0	45.7	5.95	45.5	6.23	45.4	6.43	45.4	6.57	45.3	6.71	45.2	6.92	-12.6	-13.0	45.7	5.95	45.5	6.23	45.4	6.43	45.4	6.57	45.3	6.71	45.2	6.92

TC Total capacity ; MBH
 PI Power Input ; kW (Comp.+Outdoor fan motor)
 Note1. is shown as reference.
 2. This tables reflect performance of the outdoor unit only. And not an entire system.
 3. Other factors such as indoor unit power consumption, piping losses, etc. are not included. And actual results may vary according to conditions of use.

REYQ96XBTJA / XBYDA Heating Capacity for Standard Condition (Tc: 115°F)

Table with columns for Combination, Outdoor air temp., Indoor air temp. °F DB (61, 65, 68, 70, 72, 75), and Capacity (TC, PI) in MBH and kW. Includes sub-sections for 130, 120, 110, 100, and 90 BTU/hr capacity ranges.

1. Capacity Tables (Reference Data)

REYQ120XBTJA / XBYDA Heating Capacity for Standard Condition (Tc: 115°F)

Large table with columns for Combination, Outdoor air temp., Indoor air temp. ° FDB, and Capacity (MBH, kW). Includes sub-headers for TC, PI, FDB, and FWB, and rows for various indoor temperatures (61, 65, 68, 70, 72, 75) and outdoor temperatures (-12.6 to 60.0).

TC Total capacity ; MBH
PI Power Input ; kW (Comp.+Outdoor fan motor)
Note1. is shown as reference.
2. This tables reflect performance of the outdoor unit only. And not an entire system.
3. Other factors such as indoor unit power consumption, piping losses, etc. are not included.
And actual results may vary according to conditions of use.

REYQ144XBTJA / XBYDA Heating Capacity for Standard Condition (Tc: 115°F)

Main data table with columns for Combination, Outdoor air temp., Indoor air temp. °F DB (61, 65, 68, 70, 72, 75), and Capacity (TC, PI) for various models. Includes sub-tables for 130, 120, 110, 100, and 90 capacity units.

1. Capacity Tables (Reference Data)

REYQ168XBTJA / XBYDA Heating Capacity for Standard Condition (Tc: 115°F)

Combination	Outdoor air temp.		Indoor air temp. ° FDB												Combination	Outdoor air temp.		Indoor air temp. ° FDB												
			61		65		68		70		72		75					61		65		68		70		72		75		
	° FDB	° FWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI			
%	° FDB	° FWB	MBH	KW	MBH	KW	MBH	KW	MBH	KW	MBH	KW	MBH	KW	MBH	KW	MBH	KW	MBH	KW	MBH	KW	MBH	KW	MBH	KW				
130	-12.6	-13.0	95.1	6.96	94.6	8.06	94.2	8.89	93.9	9.45	93.7	10.00	93.3	10.8	-12.6	-13.0	92.4	12.7	92.1	13.4	91.8	13.9	91.6	14.2	91.5	14.5				
	120	-12.6	-13.0	94.6	8.10	94.1	9.12	93.7	9.89	93.5	10.4	93.2	10.9	92.9	11.7	-12.6	-13.0	91.8	13.8	91.5	14.4	91.3	14.9	91.2	15.2	91.0	15.5			
		110	-12.6	-13.0	94.0	9.25	93.6	10.2	93.2	10.9	93.0	11.4	92.8	11.8	92.5	12.5	-12.6	-13.0	91.3	15.0	91.0	15.5	90.9	15.9	90.7	16.1	90.6	16.4		
			100	-12.6	-13.0	93.5	10.4	93.1	11.2	92.8	11.9	92.6	12.3	92.4	12.7	92.0	13.4	-12.6	-13.0	90.7	16.1	90.5	16.5	90.4	16.9	90.3	17.1	89.8	17.5	
				90	-12.6	-13.0	92.9	11.5	92.6	12.3	92.3	12.9	92.1	13.3	91.9	13.6	91.6	14.2	-12.6	-13.0	90.7	17.2	90.4	17.5	90.2	17.8	90.0	18.0	89.8	18.2

TC Total capacity ; MBH
 PI Power Input ; kW (Comp.+Outdoor fan motor)
 Note1. is shown as reference.
 2. This tables reflect performance of the outdoor unit only. And not an entire system.
 3. Other factors such as indoor unit power consumption, piping losses, etc. are not included.
 And actual results may vary according to conditions of use.

REYQ192XBTJA / XBYDA Heating Capacity for Standard Condition (Tc: 115°F)

Table with columns for Combination, Outdoor air temp., Indoor air temp. °F DB (61, 65, 68, 70, 72, 75), and Capacity (TC, PI) for various indoor/outdoor temperature pairs. Includes a legend for TC (Total capacity) and PI (Power Input) and numbered notes.

1. Capacity Tables (Reference Data)

REYQ216XBTJA / XBYDA Heating Capacity for Standard Condition (Tc: 115°F)

Combination	Outdoor air temp.		Indoor air temp. ° FDB												Combination	Outdoor air temp.		Indoor air temp. ° FDB														
			61		65		68		70		72		75					61		65		68		70		72		75				
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI			
%	° FDB	° FWB	MBH	KW	MBH	KW	MBH	KW	MBH	KW	MBH	KW	MBH	KW	MBH	KW	MBH	KW	MBH	KW	MBH	KW	MBH	KW	MBH	KW						
130	-12.6	-13.0	139	11.1	138	12.4	138	13.4	137	14.0	137	14.7	136	15.7	-12.6	-13.0	135	17.9	135	18.7	134	19.3	134	19.7	134	20.1	134	20.7				
	120	-12.6	-13.0	138	12.4	137	13.7	137	14.6	137	15.2	136	15.8	136	16.7	-12.6	-13.0	134	19.2	134	20.0	134	20.5	134	20.8	133	21.2	133	21.7			
		110	-12.6	-13.0	137	13.8	137	14.9	136	15.7	136	16.3	136	16.9	135	17.7	-12.6	-13.0	133	20.6	133	21.2	133	21.7	133	22.0	133	21.8	130	19.9		
			100	-12.6	-13.0	136	16.5	135	17.4	135	18.1	135	18.6	135	19.0	134	19.7	-12.6	-13.0	133	22.0	133	22.9	127	19.4	122	18.4	116	17.4	108	16.0	
				90	-12.6	-13.0	136	16.5	135	17.4	135	18.1	135	18.6	135	19.0	134	19.7	-12.6	-13.0	133	22.0	133	22.9	127	19.4	122	18.4	116	17.4	108	16.0

TC Total capacity : MBH
 PI Power Input : kW (Comp.+Outdoor fan motor)
 Note1. is shown as reference.
 2. This tables reflect performance of the outdoor unit only. And not an entire system.
 3. Other factors such as indoor unit power consumption, piping losses, etc. are not included. And actual results may vary according to conditions of use.

REYQ240XBTJA / XBYDA Heating Capacity for Standard Condition (Tc: 115°F)

Table with columns for Combination, Outdoor air temp., Indoor air temp. ° FDB, and Capacity (TC, PI) for various indoor air temperatures (61, 65, 68, 70, 72, 75) and outdoor air temperatures (-12.6 to 60.0 °F).

1. Capacity Tables (Reference Data)

REYQ264XBTJA / XBYDA Heating Capacity for Standard Condition (Tc: 115°F)

Combination	Outdoor air temp.	Indoor air temp. ° FDB												Combination	Outdoor air temp.	Indoor air temp. ° FDB												
		61		65		68		70		72		75				61		65		68		70		72		75		
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	
%	° FDB	° FWB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW		
130	-12.6	-13.0	161	11.9	160	13.6	160	14.9	159	15.8	159	16.6	158	17.9	-12.6	-13.0	157	20.8	156	21.8	156	22.6	156	23.1	155	23.7	155	24.4
	-9.0	-9.4	170	12.6	169	14.3	168	15.5	168	16.3	167	17.2	166	18.4	-9.0	-9.4	165	21.2	164	22.3	164	23.0	164	23.5	163	24.1	163	24.8
	-3.64	-4.0	184	13.7	183	15.3	182	16.5	182	17.3	181	18.1	181	19.3	-3.64	-4.0	179	22.0	179	23.0	178	23.7	178	24.2	178	24.7	177	25.5
	-1.84	-2.2	187	14.2	187	15.7	186	16.9	185	17.7	185	18.5	184	19.7	-1.84	-2.2	183	22.3	182	23.3	182	24.0	181	24.5	181	25.0	181	25.7
	5.5	5.0	204	15.9	203	17.4	202	18.5	202	19.2	201	20.0	201	21.1	5.5	5.0	199	23.5	198	24.4	198	25.1	198	25.5	197	26.0	197	26.7
	9.5	8.5	213	16.9	212	18.3	212	19.3	211	20.0	211	20.7	210	21.8	9.5	8.5	208	24.1	208	25.0	207	25.6	207	26.1	207	26.5	206	27.2
	13.0	12.0	224	17.8	223	19.1	222	20.1	221	20.8	221	21.5	220	22.5	13.0	12.0	219	24.7	218	25.6	218	26.2	217	26.6	217	27.0	217	27.5
	15.0	14.0	230	18.3	229	19.6	228	20.6	228	21.3	227	21.9	227	22.9	15.0	14.0	225	25.1	224	25.9	224	26.5	224	26.9	223	27.3	223	27.8
	17.0	15.5	234	18.7	233	20.0	233	20.9	232	21.6	232	22.2	231	23.2	17.0	15.5	229	25.3	229	26.1	228	26.7	228	27.1	227	27.3	227	27.8
	19.0	18.0	242	19.3	241	20.5	241	21.4	240	22.1	240	22.7	239	23.6	19.0	18.0	237	25.7	237	26.5	236	27.0	236	27.4	235	27.6	235	28.1
	22.0	20.0	249	19.7	248	21.0	247	21.9	247	22.5	246	23.1	246	24.0	22.0	20.0	244	26.0	243	26.7	243	27.3	243	27.7	242	27.8	241	28.3
	26.0	24.0	263	20.7	262	21.8	261	22.7	261	23.2	260	23.8	260	24.7	26.0	24.0	258	26.6	258	27.3	258	28.0	258	28.4	257	28.5	256	29.0
30.0	28.0	278	21.6	277	22.6	277	23.4	276	24.0	276	24.5	275	25.3	30.0	28.0	273	27.1	264	26.4	248	24.8	248	25.3	248	25.8	247	26.3	
35.0	32.0	295	22.4	294	23.4	293	24.2	293	24.7	292	25.2	291	25.9	35.0	32.0	285	27.0	264	24.5	248	22.8	248	23.3	247	23.8	246	24.3	
39.0	36.0	312	23.2	311	24.2	311	24.9	310	25.3	310	25.8	309	26.5	39.0	36.0	285	25.1	264	22.8	248	21.2	248	21.7	247	22.2	246	22.7	
44.0	40.0	331	24.0	330	24.9	329	25.5	329	26.0	328	26.4	327	27.1	44.0	40.0	285	23.3	264	21.3	248	19.8	248	19.8	247	19.9	247	20.4	
47.0	43.0	345	24.5	344	25.4	344	26.0	343	26.4	343	26.9	342	27.5	47.0	43.0	285	22.1	264	20.2	248	18.8	248	18.8	247	18.9	247	19.4	
51.0	47.0	366	25.2	365	26.0	364	26.6	364	27.0	363	27.4	343	25.7	51.0	47.0	285	20.6	264	18.8	248	17.6	248	17.6	247	17.7	247	18.2	
54.0	50.0	382	25.7	381	26.4	380	27.0	380	27.4	369	26.6	343	24.3	54.0	50.0	285	19.6	264	17.9	248	16.7	248	16.7	247	16.8	247	17.3	
57.0	53.0	399	26.1	398	26.8	397	27.4	386	26.6	369	25.2	343	23.1	57.0	53.0	285	18.6	264	17.1	248	15.9	248	15.9	247	16.0	247	16.5	
60.0	56.0	416	26.5	415	27.3	403	26.6	386	25.2	369	23.9	343	21.9	60.0	56.0	285	17.7	264	16.2	248	15.2	248	15.2	247	15.3	247	15.8	
120	-12.6	-13.0	160	13.7	160	15.3	159	16.5	159	17.2	158	18.0	158	19.2	-12.6	-13.0	156	22.5	155	23.5	155	24.1	155	24.6	155	25.1	154	25.8
	-9.0	-9.4	169	14.3	168	15.9	167	17.0	167	17.8	166	18.6	166	19.7	-9.0	-9.4	164	23.0	164	23.9	163	24.5	163	25.0	163	25.4	162	26.1
	-3.64	-4.0	183	15.4	182	16.9	181	18.0	181	18.7	181	19.5	180	20.6	-3.64	-4.0	178	23.7	178	24.5	177	25.2	177	25.6	177	26.0	176	26.7
	-1.84	-2.2	187	15.8	186	17.2	185	18.3	185	19.1	184	19.8	184	20.9	-1.84	-2.2	182	23.9	181	24.8	181	25.4	181	25.8	180	26.3	180	26.9
	5.5	5.0	203	17.5	202	18.8	201	19.8	201	20.5	201	21.2	200	22.2	5.5	5.0	198	25.0	198	25.8	197	26.4	197	26.8	197	27.2	196	27.8
	9.5	8.5	212	18.3	211	19.6	211	20.6	210	21.2	210	21.9	209	22.9	9.5	8.5	207	25.6	207	26.3	207	26.9	206	27.3	206	27.7	205	28.3
	13.0	12.0	223	19.2	222	20.4	221	21.3	221	22.0	220	22.6	220	23.5	13.0	12.0	218	26.1	217	26.9	217	27.4	217	27.8	216	28.2	215	28.8
	15.0	14.0	229	19.7	228	20.9	227	21.8	227	22.4	226	23.0	226	23.9	15.0	14.0	224	26.5	223	27.2	217	26.6	208	25.2	209	25.8	208	26.3
	17.0	15.5	233	20.0	233	21.2	232	22.1	231	22.7	231	23.3	230	24.2	17.0	15.5	228	26.7	228	27.4	217	25.9	208	24.6	209	25.2	208	26.3
	19.0	18.0	241	20.6	240	21.7	240	22.6	239	23.1	239	23.7	238	24.6	19.0	18.0	236	27.0	231	26.8	217	24.8	208	23.5	209	24.8	208	25.5
	22.0	20.0	248	21.0	247	22.1	246	22.9	246	23.5	246	24.1	245	24.9	22.0	20.0	243	27.2	231	25.8	217	24.0	208	22.8	209	24.1	208	24.8
	26.0	24.0	262	21.8	261	22.9	261	23.7	260	24.2	260	24.7	259	25.5	26.0	24.0	250	26.5	231	24.1	217	22.4	208	21.2	209	24.1	208	24.8
30.0	28.0	277	22.7	276	23.7	276	24.4	275	24.9	275	25.4	274	26.1	30.0	28.0	250	24.6	231	22.5	217	20.9	208	19.8	209	24.8	208	25.5	
35.0	32.0	294	23.4	293	24.4	292	25.1	292	25.5	291	26.0	26.1	26.7	35.0	32.0	280	22.9	231	20.9	217	19.5	208	18.5	209	24.1	208	24.8	
39.0	36.0	311	24.2	310	25.1	310	25.7	309	26.2	309	26.6	308	27.3	39.0	36.0	250	21.4	231	19.5	217	18.2	208	17.3	209	24.8	208	25.5	
44.0	40.0	330	24.9	329	25.7	328	26.3	328	26.8	327	27.2	317	28.4	44.0	40.0	250	19.9	231	18.2	217	17.0	208	16.2	209	24.8	208	25.5	
47.0	43.0	344	25.4	344	26.2	343	26.8	342	27.2	340	27.4	317	25.3	47.0	43.0	250	18.9	231	17.3	217	16.2	208	15.4	209	24.8	208	25.5	
51.0	47.0	365	26.0	364	26.8	363	27.3	356	26.9	340	25.4	317	23.3	51.0	47.0	250	17.7	231	16.2	217	15.2	208	14.5	209	24.8	208	25.5	
54.0	50.0	381	26.5	380	27.2	372	26.9	356	25.5	340	24.1	317	22.1	54.0	50.0	250	16.8	231	15.5	217	14.4	208	13.8	209	24.8	208	25.5	
57.0	53.0	398	26.9	396	27.5	372	25.5	356	24.1	340	22.9	317	21.0	57.0	53.0	250	16.0	231	14.7	217	13.8	208	13.2	209	24.8	208	25.5	
60.0	56.0	415	27.3	396	26.0	372	24.1	356	22.9	340	21.7	317	19.9	60.0	56.0	250	15.3	231	14.1	217	13.2	208	12.6	209	24.8	208	25.5	
110	-12.6																											

REYQ288XBTJA / XBYDA Heating Capacity for Standard Condition (Tc: 115°F)

Main data table with columns for Combination, Outdoor air temp., Indoor air temp. °F DB (61, 65, 68, 70, 72, 75), and Capacity (TC, PI) for various indoor/outdoor temperature pairs.

1. Capacity Tables (Reference Data)

TC Total capacity ; MBH
PI Power Input ; kW (Comp.+Outdoor fan motor)
Note1. is shown as reference.
2. This tables reflect performance of the outdoor unit only. And not an entire system.
3. Other factors such as indoor unit power consumption, piping losses, etc. are not included.
And actual results may vary according to conditions of use.

REYQ312XBTJA / XBYDA Heating Capacity for Standard Condition (Tc: 115°F)

Table with columns for Combination, Outdoor air temp., Indoor air temp. °F DB (61, 65, 68, 70, 72, 75), and Capacity (TC, PI, MBH, kW). Includes sub-tables for 130, 120, 110, 100, and 90 capacity units.

TC Total capacity ; MBH
PI Power Input ; kW (Comp.+Outdoor fan motor)
Note 1. is shown as reference.
2. This tables reflect performance of the outdoor unit only. And not an entire system.
3. Other factors such as indoor unit power consumption, piping losses, etc. are not included.
And actual results may vary according to conditions of use.

REYQ336XBTJA / XBYDA Heating Capacity for Standard Condition (Tc: 115°F)

Main data table with columns for Combination, Outdoor air temp., Indoor air temp. °F DB, and Capacity (MBH, kW) for various indoor temperatures (61, 65, 68, 70, 72, 75) and outdoor temperatures (-12.6 to 60.0).

1. Capacity Tables (Reference Data)

REYQ360XBTJA / XBYDA Heating Capacity for Standard Condition (Tc: 115°F)

Table with columns for Combination, Outdoor air temp., Indoor air temp. °F DB (61, 65, 68, 70, 72, 75), and Capacity (TC, PI, MBH, kW). Includes sub-tables for 130, 120, 110, 100, and 90 capacity ranges.

TC Total capacity ; MBH
PI Power Input ; kW (Comp.+Outdoor fan motor)
Note 1. is shown as reference.
2. This tables reflect performance of the outdoor unit only. And not an entire system.
3. Other factors such as indoor unit power consumption, piping losses, etc. are not included.
And actual results may vary according to conditions of use.

REYQ384XBTJA / XBYDA Heating Capacity for Standard Condition (Tc: 115°F)

Main data table with columns for Combination, Outdoor air temp., Indoor air temp. °F DB (61, 65, 68, 70, 72, 75), and Capacity (TC, PI) in MBH and kW. Includes sub-tables for capacity ranges 130, 120, 110, 100, and 90.

1. Capacity Tables (Reference Data)

REYQ408XBTJA / XBYDA Heating Capacity for Standard Condition (Tc: 115°F)

Main data table with columns for Combination, Outdoor air temp., Indoor air temp. °F DB (61, 65, 68, 70, 72, 75), and Capacity (MBH, kW). Includes sub-tables for combinations 130, 120, 110, 100, and 90.

TC Total capacity ; MBH
PI Power Input ; kW (Comp.+Outdoor fan motor)
Note: 1. This tables reflect performance of the outdoor unit only. And not an entire system.
2. Other factors such as indoor unit power consumption, piping losses, etc. are not included.
3. And actual results may vary according to conditions of use.

REYQ432XBTJA / XBYDA Heating Capacity for Standard Condition (Tc: 115°F)

Main data table with columns for Combination, Outdoor air temp., Indoor air temp. °F DB, and Capacity (MBH, kW) for various indoor temperatures (61, 65, 68, 70, 72, 75) and outdoor temperatures (-12.6 to 60.0).

1. Capacity Tables (Reference Data)

TC Total capacity; MBH
PI Power Input; kW (Comp.+Outdoor fan motor)
Note 1. This table reflect performance of the outdoor unit only. And not an entire system.
2. Other factors such as indoor unit power consumption, piping losses, etc. are not included.
And actual results may vary according to conditions of use.

REYQ456XBTJA / XBYDA Heating Capacity for Standard Condition (Tc: 115°F)

Combination	Outdoor air temp.		Indoor air temp. ° FDB												Combination	Outdoor air temp.		Indoor air temp. ° FDB											
			61		65		68		70		72		75					61		65		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	° FDB	° FWB	MBH	KW	MBH	KW	MBH	KW	MBH	KW	MBH	KW	MBH	KW	MBH	KW	MBH	KW	MBH	KW	MBH	KW	MBH	KW	MBH	KW			
130	-12.6	-13.0	265	20.1	264	23.0	263	25.2	262	26.6	261	28.1	260	30.2	-12.6	-13.0	258	35.1	257	36.8	256	38.2	256	39.1	255	39.9	255	41.3	
	-9.0	-9.4	281	21.4	279	24.2	278	26.4	277	27.8	276	29.2	275	31.3	-9.0	-9.4	273	36.1	272	37.8	271	39.2	271	40.0	270	40.9	270	42.2	
	-3.64	-4.0	308	23.6	306	26.4	305	28.4	304	29.8	303	31.2	302	33.2	-3.64	-4.0	300	37.8	299	39.5	298	40.8	297	41.6	297	42.5	296	43.7	
	-1.84	-2.2	314	24.4	313	27.1	312	29.2	311	30.5	310	31.9	309	33.9	-1.84	-2.2	306	38.5	305	40.1	305	41.4	304	42.2	304	43.0	303	44.3	
	5.5	5.0	347	27.9	345	30.4	344	32.3	343	33.6	342	34.9	341	36.8	5.5	5.0	338	41.1	337	42.7	337	43.8	336	44.6	336	45.4	335	46.6	
	9.5	8.5	365	29.6	363	32.1	362	34.0	361	35.2	360	36.4	359	38.3	9.5	8.5	357	42.4	356	43.9	355	45.1	354	45.8	354	46.6	353	47.7	
	13.0	12.0	385	31.5	383	33.8	382	35.6	381	36.8	380	38.0	379	39.8	13.0	12.0	376	43.8	375	45.2	375	46.3	374	47.1	374	47.8	373	48.5	
	15.0	14.0	397	32.5	395	34.8	394	36.6	393	37.8	393	38.9	391	40.7	15.0	14.0	389	44.6	388	46.0	387	47.1	386	47.8	386	48.5	385	49.5	
	17.0	15.5	405	33.2	403	35.4	402	37.2	401	38.3	400	39.4	399	41.1	17.0	15.5	397	45.0	396	46.4	395	47.4	394	48.1	394	48.5	393	50.2	
	19.0	18.0	419	34.2	417	36.4	416	38.1	415	39.2	414	40.3	413	41.9	19.0	18.0	410	45.6	409	47.0	408	48.0	408	48.7	407	49.5	406	51.0	
	22.0	20.0	430	35.1	429	37.2	428	38.8	426	39.9	426	41.0	424	42.6	22.0	20.0	422	46.1	421	47.5	420	48.5	410	47.4	409	49.2	408	51.7	
	26.0	24.0	455	36.7	453	38.7	452	40.2	451	41.3	450	42.3	449	43.8	26.0	24.0	446	47.2	445	48.4	445	49.6	410	47.2	409	49.2	408	52.0	
	30.0	28.0	481	38.3	479	40.2	478	41.6	477	42.6	476	43.5	475	44.9	30.0	28.0	473	48.1	472	49.3	472	50.4	410	47.2	409	49.2	408	52.3	
35.0	32.0	509	39.8	508	41.6	506	42.9	506	43.8	505	44.7	504	46.1	35.0	32.0	493	47.8	492	48.9	492	50.4	410	47.2	409	49.2	408	52.6		
39.0	36.0	539	41.2	538	42.9	537	44.2	536	45.0	535	45.8	534	47.1	39.0	36.0	493	44.5	492	45.6	491	46.7	410	47.2	409	49.2	408	52.9		
44.0	40.0	572	42.5	570	44.1	569	45.3	568	46.1	567	46.9	566	48.1	44.0	40.0	493	41.4	492	42.5	491	43.6	410	47.2	409	49.2	408	53.2		
47.0	43.0	597	43.5	595	45.0	594	46.2	593	46.9	592	47.7	591	48.8	47.0	43.0	493	39.2	492	40.3	491	41.4	410	47.2	409	49.2	408	53.5		
51.0	47.0	632	44.7	631	46.1	629	47.2	628	47.9	628	48.6	592	45.5	51.0	47.0	493	36.6	492	37.8	491	39.0	410	47.2	409	49.2	408	53.8		
54.0	50.0	660	45.5	659	46.9	657	47.9	657	48.6	637	47.1	592	43.1	54.0	50.0	493	34.7	492	35.8	491	37.2	410	47.2	409	49.2	408	54.1		
57.0	53.0	689	46.4	687	47.7	686	48.7	687	49.2	637	44.7	592	40.9	57.0	53.0	493	33.0	492	34.3	491	36.4	410	47.2	409	49.2	408	54.4		
60.0	56.0	719	47.1	718	48.4	697	47.2	667	44.8	637	42.4	592	38.8	60.0	56.0	493	31.4	492	32.6	491	34.7	410	47.2	409	49.2	408	54.7		
120	-12.6	-13.0	264	23.1	262	25.8	261	27.8	261	29.1	260	30.4	259	32.4	-12.6	-13.0	256	38.0	255	39.6	255	40.8	254	41.5	254	42.3	253	43.5	
	-9.0	-9.4	279	24.3	278	27.0	277	28.9	276	30.2	275	31.6	274	33.5	-9.0	-9.4	271	39.0	271	40.6	270	41.7	270	42.5	269	43.2	269	44.4	
	-3.64	-4.0	306	26.5	305	29.0	303	30.9	303	32.2	302	33.4	301	35.3	-3.64	-4.0	298	40.7	297	42.2	296	43.3	296	44.0	296	44.7	295	45.9	
	-1.84	-2.2	313	27.2	311	29.7	310	31.6	310	32.9	309	34.1	308	36.0	-1.84	-2.2	305	41.3	304	42.7	303	43.8	303	44.5	303	45.3	302	46.4	
	5.5	5.0	345	30.5	344	32.9	342	34.6	342	35.8	341	37.0	340	38.8	5.5	5.0	337	43.7	336	45.1	335	46.1	335	46.8	334	47.5	319	44.6	
	9.5	8.5	363	32.2	362	34.5	361	36.2	360	37.3	359	38.5	358	40.2	9.5	8.5	355	45.0	354	46.3	353	47.3	353	48.0	343	46.2	319	42.3	
	13.0	12.0	383	33.9	382	36.1	381	37.8	380	38.9	379	40.0	378	41.6	13.0	12.0	375	46.2	374	47.5	373	48.5	359	46.2	343	43.7	319	40.0	
	15.0	14.0	395	34.9	394	37.1	393	38.7	392	39.8	391	40.8	390	42.5	15.0	14.0	387	47.0	386	48.2	375	47.1	359	44.7	343	42.3	319	38.8	
	17.0	15.5	403	35.5	402	37.6	401	39.2	400	40.3	399	41.3	398	42.9	17.0	15.5	395	47.3	394	48.5	375	45.9	359	43.6	343	41.2	319	37.3	
	19.0	18.0	417	36.5	415	38.5	414	40.1	414	41.1	413	42.1	412	43.6	19.0	18.0	409	47.9	399	47.5	375	44.0	359	41.8	343	39.5	319	36.8	
	22.0	20.0	428	37.3	427	39.3	426	40.7	425	41.7	424	42.7	423	44.2	22.0	20.0	420	48.4	399	45.9	375	42.5	359	40.4	343	38.2	319	35.1	
	26.0	24.0	453	38.8	451	40.7	450	42.1	450	43.0	449	43.9	448	45.3	26.0	24.0	431	47.0	399	42.8	375	39.7	359	37.7	343	35.7	319	32.9	
	30.0	28.0	479	40.2	478	42.0	477	43.3	476	44.2	475	45.1	474	46.4	30.0	28.0	431	43.7	399	39.8	375	37.0	359	35.2	343	31.4	319	30.8	
35.0	32.0	508	41.6	506	43.3	505	44.5	504	45.4	503	46.2	502	47.4	35.0	32.0	431	40.7	399	37.1	375	34.0	359	32.9	343	31.2	319	28.8		
39.0	36.0	538	42.9	536	44.5	535	45.7	534	46.5	534	47.2	532	48.4	39.0	36.0	431	37.9	399	34.6	375	32.3	359	30.7	343	29.2	319	27.0		
44.0	40.0	570	44.2	568	45.7	567	46.8	566	47.5	566	48.2	547	48.9	44.0	40.0	431	35.3	399	32.4	375	30.2	359	28.7	343	27.3	319	25.3		
47.0	43.0	595	45.1	594	46.5	593	47.5	592	48.2	588	48.6	547	44.4	47.0	43.0	431	33.6	399	30.8	375	28.7	359	27.4	343	26.0	319	24.1		
51.0	47.0	631	46.2	629	47.5	628	48.5	616	47.7	588	45.1	547	41.3	51.0	47.0	431	31.4	399	28.8	375	26.9	359	25.7	343	24.4	319	22.6		
54.0	50.0	658	47.0	657	48.2	643	47.7	616	45.2	588	42.8	547	39.2	54.0	50.0	431	29.8	399	27.4	375	25.6	359	24.5	343	23.3	319	21.6		
57.0	53.0	687	47.7	684	48.7	643	45.2	616	42.8	588	40.6	547	37.2	57.0	53.0	431	28.4	399	26.1	375	24.5	359	23.4	343	22.3	319	20.7		
60.0	56.0	717	48.4	684	46.2	643	42.8	616	40.6	588	38.5	547	35.4	60.0	56.0	431	27.1	399	24.9	375	23.3	359	22.3	343	21.3	319	19.8		
110	-																												

1.2.2 Celsius

REYQ72XBTJA / XBYDA Heating Capacity for Standard Condition (Tc: 46°C)

Combination	Outdoor air temp.		Indoor air temp. °CDB											
			16.1		18.3		20.0		21.1		22.2		23.9	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	°CDB	°CWB	kW		kW		kW		kW		kW		kW	
130	-24.8	-25.0	13.7	4.30	13.6	4.70	13.5	5.00	13.5	5.20	13.5	5.40	13.4	5.70
	-22.8	-23.0	15.1	4.74	15.1	5.12	15.0	5.40	15.0	5.59	14.9	5.77	14.9	6.06
	-19.8	-20.0	17.5	5.32	17.4	5.67	17.3	5.93	17.3	6.10	17.3	6.28	17.2	6.54
	-18.8	-19.0	18.1	5.50	18.0	5.84	18.0	6.10	17.9	6.26	17.9	6.43	17.9	6.69
	-14.7	-15.0	20.7	6.16	20.7	6.47	20.6	6.70	20.6	6.85	20.5	7.01	20.5	7.24
	-12.5	-13.1	22.0	6.44	22.0	6.74	21.9	6.96	21.9	7.11	21.8	7.26	21.8	7.48
	-10.6	-11.1	23.4	6.72	23.3	7.00	23.2	7.22	23.2	7.36	23.2	7.50	23.1	7.72
	-9.4	-10.0	24.2	6.87	24.1	7.15	24.0	7.36	24.0	7.50	23.9	7.64	23.9	7.85
	-8.3	-9.2	24.6	6.94	24.5	7.22	24.5	7.42	24.4	7.56	24.4	7.70	24.4	7.90
	-7.2	-7.8	25.4	7.06	25.3	7.33	25.3	7.53	25.2	7.66	25.2	7.79	25.1	7.99
	-5.6	-6.7	26.0	7.15	25.9	7.41	25.9	7.60	25.8	7.73	25.8	7.86	25.7	8.06
	-3.3	-4.4	27.2	7.32	27.2	7.56	27.1	7.75	27.1	7.87	27.0	8.00	27.0	8.18
	-1.1	-2.2	28.5	7.47	28.4	7.70	28.3	7.88	28.3	8.00	28.3	8.12	27.4	7.92
	1.7	0.0	29.7	7.61	29.6	7.83	29.6	8.00	29.5	8.12	29.5	8.22	27.4	7.49
	3.9	2.2	31.0	7.73	30.9	7.95	30.8	8.11	30.8	8.22	29.5	7.79	27.4	7.10
	6.7	4.4	32.2	7.85	32.1	8.06	32.1	8.22	30.9	7.84	29.5	7.40	27.4	6.75
	8.3	6.1	33.1	7.94	33.0	8.14	32.2	7.99	30.9	7.55	29.5	7.13	27.4	6.51
10.6	8.3	34.4	8.04	34.3	8.23	32.2	7.61	30.9	7.20	29.5	6.80	27.4	6.22	
12.2	10.0	35.3	8.11	34.3	7.96	32.2	7.35	30.9	6.96	29.5	6.57	27.4	6.01	
13.9	11.7	36.2	8.18	34.3	7.69	32.2	7.11	30.9	6.73	29.5	6.36	27.4	5.82	
15.6	13.3	37.1	8.22	34.3	7.44	32.2	6.88	30.9	6.52	29.5	6.16	27.4	5.64	
120	-24.8	-25.0	13.6	4.72	13.5	5.08	13.5	5.36	13.5	5.54	13.4	5.73	13.4	6.00
	-22.8	-23.0	15.1	5.13	15.0	5.48	15.0	5.74	14.9	5.91	14.9	6.08	14.8	6.34
	-19.8	-20.0	17.4	5.68	17.3	6.00	17.3	6.24	17.3	6.40	17.2	6.56	17.2	6.80
	-18.8	-19.0	18.0	5.85	18.0	6.17	17.9	6.40	17.9	6.56	17.9	6.71	17.9	6.95
	-14.7	-15.0	20.7	6.48	20.6	6.76	20.5	6.98	20.5	7.12	20.5	7.26	20.4	7.47
	-12.5	-13.1	22.0	6.75	21.9	7.03	21.8	7.23	21.8	7.37	21.8	7.51	21.7	7.71
	-10.6	-11.1	23.3	7.01	23.2	7.28	23.2	7.47	23.1	7.61	23.1	7.74	23.1	7.94
	-9.4	-10.0	24.1	7.16	24.0	7.42	24.0	7.61	23.9	7.74	23.9	7.87	23.8	8.06
	-8.3	-9.2	24.5	7.23	24.5	7.48	24.4	7.67	24.4	7.80	24.3	7.92	24.3	8.11
	-7.2	-7.8	25.3	7.33	25.2	7.58	25.2	7.77	25.2	7.89	25.1	8.01	25.1	8.20
	-5.6	-6.7	25.9	7.42	25.9	7.66	25.8	7.84	25.8	7.96	25.7	8.08	25.3	8.06
	-3.3	-4.4	27.2	7.57	27.1	7.80	27.0	7.97	27.0	8.09	27.0	8.20	26.3	7.58
	-1.1	-2.2	28.4	7.71	28.3	7.93	28.3	8.09	28.2	8.20	27.2	7.84	25.3	7.15
	1.7	0.0	29.6	7.84	29.6	8.05	29.5	8.21	28.5	7.86	27.2	7.42	25.3	6.77
	3.9	2.2	30.9	7.96	30.8	8.16	29.8	7.88	28.5	7.45	27.2	7.03	25.3	6.43
	6.7	4.4	32.1	8.07	31.7	8.10	29.8	7.48	28.5	7.08	27.2	6.69	25.3	6.12
	8.3	6.1	33.0	8.14	31.7	7.81	29.8	7.21	28.5	6.83	27.2	6.45	25.3	5.90
10.6	8.3	34.2	8.21	31.7	7.44	29.8	6.88	28.5	6.52	27.2	6.16	25.3	5.64	
12.2	10.0	34.2	7.93	31.7	7.19	29.8	6.65	28.5	6.30	27.2	5.96	25.3	5.46	
13.9	11.7	34.2	7.67	31.7	6.95	29.8	6.43	28.5	6.10	27.2	5.77	25.3	5.29	
15.6	13.3	34.2	7.42	31.7	6.73	29.8	6.23	28.5	5.91	27.2	5.59	25.3	5.13	
110	-24.8	-25.0	13.5	5.13	13.5	5.46	13.4	5.72	13.4	5.89	13.4	6.05	13.3	6.31
	-22.8	-23.0	15.0	5.52	14.9	5.84	14.9	6.07	14.9	6.23	14.8	6.39	14.8	6.63
	-19.8	-20.0	17.3	6.04	17.3	6.34	17.2	6.56	17.2	6.70	17.2	6.85	17.1	7.07
	-18.8	-19.0	18.0	6.20	17.9	6.49	17.9	6.70	17.8	6.85	17.8	6.99	17.8	7.20
	-14.7	-15.0	20.6	6.80	20.5	7.06	20.5	7.25	20.4	7.38	20.4	7.51	20.4	7.71
	-12.5	-13.1	21.9	7.06	21.8	7.31	21.8	7.50	21.7	7.62	21.7	7.75	21.7	7.94
	-10.6	-11.1	23.2	7.31	23.2	7.55	23.1	7.73	23.1	7.85	23.0	7.97	23.0	8.16
	-9.4	-10.0	24.0	7.45	23.9	7.68	23.9	7.86	23.9	7.98	23.8	8.10	23.2	7.95
	-8.3	-9.2	24.5	7.51	24.4	7.74	24.3	7.92	24.3	8.03	24.3	8.15	23.2	7.76
	-7.2	-7.8	25.2	7.61	25.2	7.84	25.1	8.00	25.1	8.12	24.9	8.17	23.2	7.45
	-5.6	-6.7	25.9	7.69	25.8	7.91	25.7	8.07	25.7	8.18	24.9	7.91	23.2	7.21
	-3.3	-4.4	27.1	7.83	27.0	8.04	27.0	8.19	26.1	7.89	24.9	7.44	23.2	6.79
	-1.1	-2.2	28.3	7.96	28.3	8.16	27.3	7.87	26.1	7.44	24.9	7.02	23.2	6.42
	1.7	0.0	29.6	8.08	29.0	8.05	27.3	7.44	26.1	7.04	24.9	6.65	23.2	6.08
	3.9	2.2	30.8	8.18	29.0	7.63	27.3	7.05	26.1	6.68	24.9	6.31	23.2	5.78
	6.7	4.4	31.4	8.00	29.0	7.25	27.3	6.71	26.1	6.35	24.9	6.01	23.2	5.50
	8.3	6.1	31.4	7.71	29.0	6.99	27.3	6.47	26.1	6.13	24.9	5.80	23.2	5.32
10.6	8.3	31.4	7.35	29.0	6.67	27.3	6.18	26.1	5.86	24.9	5.54	23.2	5.09	
12.2	10.0	31.4	7.10	29.0	6.45	27.3	5.98	26.1	5.67	24.9	5.37	23.2	4.93	
13.9	11.7	31.4	6.87	29.0	6.24	27.3	5.79	26.1	5.49	24.9	5.20	23.2	4.78	
15.6	13.3	31.4	6.65	29.0	6.05	27.3	5.61	26.1	5.32	24.9	5.04	23.2	4.63	
100	-24.8	-25.0	13.5	5.54	13.4	5.85	13.4	6.08	13.3	6.23	13.3	6.38	13.3	6.61
	-22.8	-23.0	14.9	5.91	14.9	6.20	14.8	6.41	14.8	6.56	14.8	6.70	14.7	6.92
	-19.8	-20.0	17.3	6.40	17.2	6.67	17.2	6.87	17.1	7.00	17.1	7.13	17.1	7.33
	-18.8	-19.0	17.9	6.55	17.8	6.81	17.8	7.01	17.8	7.14	17.7	7.27	17.7	7.46
	-14.7	-15.0	20.5	7.12	20.4	7.35	20.4	7.53	20.4	7.65	20.3	7.77	20.3	7.95
	-12.5	-13.1	21.8	7.37	21.8	7.59	21.7	7.77	21.7	7.88	21.7	7.99	21.1	7.76
	-10.6	-11.1	23.1	7.60	23.1	7.82	23.0	7.99	23.0	8.10	22.7	8.00	21.1	7.29
	-9.4	-10.0	23.9	7.74	23.9	7.95	23.8	8.11	23.7	8.19	22.7	7.73	21.1	7.05
	-8.3	-9.2	24.4	7.79	24.3	8.01	24.3	8.16	23.7	7.99	22.7	7.54	21.1	6.87
	-7.2	-7.8	25.2	7.89	25.1	8.09	24.8	8.11	23.7	7.67	22.7	7.23	21.1	6.61
	-5.6	-6.7	25.8	7.96	25.7	8.16	24.8	7.85	23.7	7.43	22.7	7.01	21.1	6.40
	-3.3	-4.4	27.0	8.08	26.4	8.00	24.8	7.39	23.7	6.99	22.7	6.60	21.1	6.04
	-1.1	-2.2	28.2	8.20	26.4	7.54	24.8	6.97	23.7	6.60	22.7	6.24	21.1	5.71
	1.7	0.0	28.5	7.87	26.4	7.13	24.8	6.60	23.7	6.25	22.7	5.91	21.1	5.42
	3.9	2.2	28.5	7.46	26.4	6.77	24.8	6.27	23.7	5.94	22.7	5.62	21.1	5.16
	6.7	4.4	28.5	7.09	26.4	6.44	24.8	5.97	23.7	5.66	22.7	5.36	21.1	4.92
	8.3	6.1	28.5	6.83	26.4	6.21	24.8	5.76	23.7	5.46	22.7	5.18	21.1	4.75
10.6	8.3	28.5	6.52	26.4	5.93	24.8	5.50	23.7	5.23	22.7	4.95	21.1	4.55	
12.2	10.0	28.5	6.31	26.4	5.74	24.8	5.33	23.7	5.06	22.7	4.80	21.1	4.41	
13.9	11.7	28.5	6.10	26.4	5.56	24.8	5.16	23.7	4.91	22.7	4.65	21.1	4.28	
15.6	13.3	28.5	5.92	26.4	5.39	24.8	5.01	23.7	4.76	22.7	4.52	21.1	4.16	
90	-24.8	-25.0	13.4	5.95	13.3	6.23	13.3	6.43	13.3	6.57	13.3	6.71	13.2	6.92
	-22.8	-23.0	14.9	6.30	14.8	6.56	14.8	6.75	14.7	6.88	14.7	7.01	14.7	7.21
	-19.8	-20.0	17.2	6.76	17.1	7.00	17.1	7.18	17.1	7.30	17.0	7.42	17.0	7.60
	-18.8	-19.0	17.8	6.90	17.8	7.14	17.7	7.31	17.7	7.43	17.7	7.55	17.6	7.72
	-14.7	-15.0	20.4	7.44	20.4									

REYQ120XBTJA / XBYDA Heating Capacity for Standard Condition (Tc: 46°C)

Main data table with columns for Combination, Outdoor air temp., Indoor air temp. °CDB, and Capacity (kW). Includes sub-sections for 130, 120, 110, 100, and 90 capacity units.

1. Capacity Tables (Reference Data)

TC Total capacity; kW
PI Power Input; kW (Comp.+Outdoor fan motor)
Note: 1. This table is shown as reference.
2. This tables reflect performance of the outdoor unit only. And not an entire system.
3. Other factors such as indoor unit power consumption, piping losses, etc. are not included.
And actual results may vary according to conditions of use.

REYQ144XBTJA / XBYDA Heating Capacity for Standard Condition (Tc: 46°C)

Combination	Outdoor air temp.		Indoor air temp. °CDB												Combination	Outdoor air temp.		Indoor air temp. °CDB																																															
			16.1				18.3				20.0							21.1				22.2				23.9																																							
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI																																				
%	°CDB	°CWB																									%	°CDB	°CWB																																				
130	-24.8	-25.0	26.2	6.99	26.1	7.93	26.0	8.63	25.9	9.10	25.8	9.56	25.7	10.3	-24.8	-25.0	25.5	11.8	25.4	12.4	25.3	12.8	25.3	13.1	25.3	13.4	25.2	13.9	80	-24.8	-25.0	25.5	11.8	25.4	12.4	25.3	12.8	25.3	13.1	25.3	13.4	25.2	13.9	-24.8	-25.0	26.8	12.1	26.7	12.7	26.7	13.1	26.6	13.4	26.6	13.6	26.5	14.1								
	120	-24.8	-25.0	26.1	7.96	25.9	8.82	25.8	9.47	25.8	9.90	25.7	10.3	25.6	11.0	-24.8	-25.0	27.4	8.30	27.3	9.15	27.2	9.78	27.1	10.2	27.0	10.6	26.9		11.3	70	-24.8	-25.0	26.8	12.1	26.7	12.7	26.7	13.1	26.6	13.5	26.5	13.9	26.5	14.3	-24.8	-25.0	29.0	13.4	28.9	13.3	28.9	14.3	28.8	14.5	28.8	14.7	28.7	15.1						
		110	-24.8	-25.0	25.9	8.93	25.8	9.72	25.7	10.3	25.7	10.7	25.6	11.1	25.5	11.7	-24.8	-25.0	25.9	9.25	27.1	10.0	27.0	10.6	27.0	11.0	26.9	11.4		26.8		12.0	60	-24.8	-25.0	26.5	14.0	26.5	14.4	26.4	14.7	26.4	15.1	26.4	15.5	26.4	15.9	-24.8	-25.0	28.8	14.4	28.8	14.8	28.7	15.1	28.5	14.9	27.2	14.1	25.3	12.9				
			100	-24.8	-25.0	25.8	9.90	25.7	10.6	25.6	11.2	25.5	11.5	25.5	11.9	25.4	12.4	-24.8	-25.0	27.1	10.2	27.0	10.9	26.9	11.4	26.9	11.8	26.8		12.1		26.7		12.7	50	-24.8	-25.0	25.1	14.7	25.0	14.9	24.8	13.8	23.7	13.1	22.7	12.4	21.1	11.4	-24.8	-25.0	26.4	14.9	26.3	14.4	24.8	13.4	23.7	12.7	22.7	12.0	21.1	11.0		
				90	-24.8	-25.0	25.6	10.9	25.5	11.5	25.4	12.0	25.4	12.3	25.4	12.6	25.3	13.1	-24.8	-25.0	29.9	11.8	29.8	12.4	29.7	12.8	29.6	13.1		29.6		13.4		29.5		13.9	40	-24.8	-25.0	25.1	15.5	25.0	15.4	24.8	14.3	24.7	13.7	24.5	12.7	24.3	11.9	-24.8	-25.0	28.5	14.6	28.4	13.3	24.8	12.3	23.7	11.7	22.7	11.1	21.1	10.2

TC Total capacity; kW
 PI Power Input; kW (Comp.+Outdoor fan motor)
 Note: 1. This table reflects performance of the outdoor unit only. And not an entire system.
 2. Other factors such as indoor unit power consumption, piping losses, etc. are not included.
 And actual results may vary according to conditions of use.

REYQ168XBTJA / XBYDA Heating Capacity for Standard Condition (Tc: 46°C)

Main data table with columns for Combination, Outdoor air temp., Indoor air temp. °CDB, and Capacity (kW). Includes sub-tables for 130, 120, 110, 100, and 90 units.

1. Capacity Tables (Reference Data)

REYQ192XBTJA / XBYDA Heating Capacity for Standard Condition (Tc: 46°C)

Combination	Outdoor air temp.		Indoor air temp. °CDB												Combination	Outdoor air temp.		Indoor air temp. °CDB																																											
			16.1				18.3				20.0							21.1				22.2				23.9																																			
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI																																
%	°CDB	°CWB	KW	KW	KW	KW	KW	KW	KW	KW	KW	KW	KW	KW	KW	KW	KW	KW	KW	KW	KW	KW	KW	KW	KW	%	°CDB	°CWB	KW	KW	KW	KW	KW	KW	KW	KW	KW	KW	KW	KW	KW	KW	KW	KW	KW	KW	KW	KW	KW												
130	-24.8	-25.0	39.3	12.0	39.1	13.1	38.9	13.9	38.9	14.5	38.8	15.0	38.6	15.8	-24.8	-25.0	38.3	17.6	38.2	18.3	38.1	18.8	38.1	19.2	38.0	19.2	38.0	19.5	37.9	20.0	80	-24.8	-25.0	38.3	17.6	38.2	18.3	38.1	18.8	38.1	19.2	38.0	19.2	38.0	19.5	-24.8	-25.0	38.3	17.6	38.2	18.3	38.1	18.8	38.1	19.2	38.0	19.2	38.0	19.5	37.9	20.0
	-22.8	-23.0	41.3	12.6	41.1	13.5	41.0	14.3	40.9	14.9	40.8	15.4	40.7	16.2	-22.8	-23.0	40.3	18.0	40.2	18.6	40.1	19.1	40.1	19.5	40.0	19.5	40.0	19.8	39.9	20.3		-22.8	-23.0	40.3	18.0	40.2	18.6	40.1	19.1	40.1	19.5	40.0	19.5	40.0	19.8	39.9	20.3														
	-19.8	-20.0	44.9	13.2	44.7	14.3	44.6	15.0	44.5	15.5	44.4	16.1	44.2	16.8	-19.8	-20.0	43.9	18.5	43.8	19.2	43.7	19.6	43.6	20.0	43.6	20.0	43.6	20.3	43.5	20.7		-19.8	-20.0	43.9	18.5	43.8	19.2	43.7	19.6	43.6	20.0	43.6	20.0	43.6	20.3	43.5	20.7														
	-18.8	-19.0	45.8	13.5	45.6	14.5	45.5	15.3	45.4	15.8	45.3	16.3	45.1	17.1	-18.8	-19.0	44.8	18.7	44.7	19.4	44.6	19.8	44.5	20.1	44.5	20.1	44.5	20.4	44.4	20.9		-18.8	-19.0	44.8	18.7	44.7	19.4	44.6	19.8	44.5	20.1	44.5	20.1	44.5	20.4	44.4	20.9														
	-14.7	-15.0	50.0	14.7	49.8	15.7	49.6	16.4	49.5	16.8	49.4	17.3	49.3	18.0	-14.7	-15.0	48.9	19.6	48.8	20.2	48.7	20.6	48.7	20.9	48.4	20.9	48.4	20.9	45.0	19.0		-14.7	-15.0	48.9	19.6	48.8	20.2	48.7	20.6	48.7	20.9	48.4	20.9	48.4	20.9	45.0	19.0														
	-12.5	-13.1	52.3	15.4	52.1	16.3	52.0	16.9	51.9	17.4	51.8	17.8	51.6	18.5	-12.5	-13.1	51.3	20.0	51.2	20.6	51.1	21.0	50.6	20.9	48.4	19.7	45.0	18.0	45.0	18.0		-12.5	-13.1	51.3	20.0	51.2	20.6	51.1	21.0	50.6	20.9	48.4	19.7	45.0	18.0	45.0	18.0														
	-10.6	-11.1	54.9	16.0	54.7	16.8	54.6	17.5	54.5	17.9	54.4	18.4	54.2	19.0	-10.6	-11.1	53.9	20.5	53.8	21.0	52.9	20.9	50.6	19.7	48.4	18.6	45.0	17.0	45.0	17.0		-10.6	-11.1	53.9	20.5	53.8	21.0	52.9	20.9	50.6	19.7	48.4	18.6	45.0	17.0	45.0	17.0														
	-9.4	-10.0	56.5	16.3	56.3	17.2	56.2	17.8	56.1	18.2	56.0	18.7	55.8	19.3	-9.4	-10.0	55.5	20.7	55.3	21.2	52.9	20.2	50.6	19.1	48.4	18.0	45.0	16.5	45.0	16.5		-9.4	-10.0	55.5	20.7	55.3	21.2	52.9	20.2	50.6	19.1	48.4	18.0	45.0	16.5	45.0	16.5														
	-8.3	-9.2	57.6	16.6	57.4	17.4	57.3	18.0	57.2	18.4	57.1	18.8	56.9	19.5	-8.3	-9.2	56.6	20.8	56.3	21.3	52.9	19.6	50.6	18.6	48.4	17.6	45.0	16.1	45.0	16.1		-8.3	-9.2	56.6	20.8	56.3	21.3	52.9	19.6	50.6	18.6	48.4	17.6	45.0	16.1	45.0	16.1														
	-7.2	-7.8	59.6	17.0	59.4	17.8	59.2	18.4	59.1	18.8	59.0	19.2	58.9	19.8	-7.2	-7.8	58.6	21.1	58.3	20.3	52.9	18.8	50.6	17.8	48.4	16.8	45.0	15.4	45.0	15.4		-7.2	-7.8	58.6	21.1	58.3	20.3	52.9	18.8	50.6	17.8	48.4	16.8	45.0	15.4	45.0	15.4														
	-5.6	-6.7	61.2	17.3	61.0	18.0	60.9	18.6	60.8	19.0	60.7	19.4	60.5	20.0	-5.6	-6.7	60.2	21.3	59.6	20.3	52.9	18.1	50.6	17.2	48.4	16.2	45.0	14.9	45.0	14.9		-5.6	-6.7	60.2	21.3	59.6	20.3	52.9	18.1	50.6	17.2	48.4	16.2	45.0	14.9	45.0	14.9														
	-3.3	-4.4	64.7	17.9	64.5	18.6	64.4	19.1	64.3	19.5	64.2	19.9	64.0	20.4	-3.3	-4.4	63.8	21.5	63.3	20.2	52.9	16.9	50.6	16.0	48.4	15.2	45.0	13.9	45.0	13.9		-3.3	-4.4	63.8	21.5	63.3	20.2	52.9	16.9	50.6	16.0	48.4	15.2	45.0	13.9	45.0	13.9														
	-1.1	-2.2	68.5	18.4	68.3	19.1	68.2	19.6	68.1	20.0	68.0	20.3	67.8	20.8	-1.1	-2.2	67.8	21.7	67.3	20.4	52.9	15.7	50.6	14.9	48.4	14.1	45.0	13.0	45.0	13.0		-1.1	-2.2	67.8	21.7	67.3	20.4	52.9	15.7	50.6	14.9	48.4	14.1	45.0	13.0	45.0	13.0														
	1.7	0.0	72.6	19.0	72.4	19.6	72.2	20.1	72.1	20.4	72.0	20.8	71.9	21.2	1.7	0.0	72.0	21.3	71.5	20.0	52.9	14.6	50.6	13.9	48.4	13.2	45.0	12.1	45.0	12.1		1.7	0.0	72.0	21.3	71.5	20.0	52.9	14.6	50.6	13.9	48.4	13.2	45.0	12.1	45.0	12.1														
	3.9	2.2	76.9	19.5	76.7	20.1	76.6	20.6	76.5	20.9	76.4	21.2	73.1	20.2	3.9	2.2	76.0	21.6	75.3	20.1	52.9	13.6	50.6	13.0	48.4	12.3	45.0	11.3	45.0	11.3		3.9	2.2	76.0	21.6	75.3	20.1	52.9	13.6	50.6	13.0	48.4	12.3	45.0	11.3	45.0	11.3														
6.7	4.4	81.5	20.0	81.3	20.6	81.2	21.0	81.1	21.3	81.0	21.6	73.1	18.8	6.7	4.4	80.8	21.8	80.1	20.3	52.9	12.7	50.6	12.1	48.4	11.5	45.0	10.6	45.0	10.6	6.7	4.4	80.8	21.8	80.1	20.3	52.9	12.7	50.6	12.1	48.4	11.5	45.0	10.6	45.0	10.6																
8.3	6.1	85.1	20.3	84.9	20.9	84.8	21.3	82.3	20.6	78.6	19.4	73.1	17.7	8.3	6.1	85.1	22.1	84.4	20.6	52.9	12.1	50.6	11.5	48.4	10.9	45.0	10.1	45.0	10.1	8.3	6.1	85.1	22.1	84.4	20.6	52.9	12.1	50.6	11.5	48.4	10.9	45.0	10.1	45.0	10.1																
10.6	8.3	90.2	20.8	90.0	21.3	86.0	20.2	82.3	19.1	78.6	18.0	73.1	16.5	10.6	8.3	90.2	22.4	89.5	20.7	52.9	11.3	50.6	10.7	48.4	10.2	45.0	9.4	45.0	9.4	10.6	8.3	90.2	22.4	89.5	20.7	52.9	11.3	50.6	10.7	48.4	10.2	45.0	9.4	45.0	9.4																
12.2	10.0	94.2	21.1	91.5	20.6	86.0	19.1	82.3	18.1	78.6	17.1	73.1	15.6	12.2	10.0	94.2	23.1	93.5	21.0	52.9	10.7	50.6	10.2	48.4	9.7	45.0	9.0	45.0	9.0	12.2	10.0	94.2	23.1	91.5	20.6	86.0	19.1	82.3	18.1	78.6	17.1	73.1	15.6	12.2	10.0	94.2	23.1	93.5	21.0	52.9	10.7	50.6	10.2	48.4	9.7	45.0	9.0				
13.9	11.7	98.4	21.4	91.5	19.5	86.0	18.0	82.3	17.1	78.6	16.2	73.1	14.8	13.9	11.7	98.4	23.4	97.7	21.3	52.9	10.2	50.6	9.7	48.4	9.2	45.0	8.5	45.0	8.5	13.9	11.7	98.4	23.4	91.5	19.5	86.0	18.0	82.3	17.1	78.6	16.2	73.1	14.8	13.9	11.7	98.4	23.4	97.7	21.3	52.9	10.2	50.6	9.7	48.4	9.2	45.0	8.5				
15.6	13.3	98.8	20.3	91.5	18.5	86.0	17.1	82.3	16.2	78.6	15.3	73.1	14.1	15.6	13.3	98.8	23.7	98.1	21.6	52.9	9.7	50.6	9.3	48.4	8.6	45.0	8.2	45.0	8.2	15.6	13.3	98.8	23.7	91.5	18.5	86.0	17.1	82.3	16.2	78.6	15.3	73.1	14.1	15.6	13.3	98.8	23.7	98.1	21.6	52.9	9.7	50.6	9.3	48.4	8.6	45.0	8.2				
120	-24.8	-25.0	39.1	13.1	38.9	14.1	38.8	14.9	38.7	15.4	38.6	15.9	38.5	16.7	-24.8	-25.0	38.1	18.8	38.0	19.4	38.0	19.8	37.9	20.1	37.9	20.4	37.8	20.1	70	-24.8	-25.0	38.1	18.8	38.0	19.4	38.0	19.8	37.9	20.1	37.9	20.4	37.8	20.1	-24.8	-25.0	38.1	18.8	38.0	19.4	38.0	19.8	37.9	20.1	37.9	20.4	37.8	20.1				
	-22.8	-23.0	41.1	13.6	41.0	14.6	40.8	15.3	40.7	15.8	40.6	16.3	40.5	17.1	-22.8	-23.0	40.2	19.1	40.0	19.7	40.0	20.1	39.9	20.4	39.9	20.7	39.4	19.4		-22.8	-23.0	40.2	19.1	40.0	19.7	40.0	20.1	39.9	20.4	39.9	20.7	39.4	19.4																		
	-19.8	-20.0	44.7	14.3	44.5	15.2	44.4	16.0	44.3	16.4	44.2	16.9	44.1	17.6	-19.8	-20.0	43.7	19.6	43.6	20.2	43.5	20.6	43.5	20.8	42.3	20.0	39.4	18.2		-19.8	-20.0	43.7	19.6	43.6	20.2	43.5	20.6	43.5	20.8	42.3	20.0	39.4	18.2																		
	-18.8	-19.0	45.6	14.6	45.4	15.5	45.3	16.2	45.2	16.7	45.1	17.1	45.0	17.8	-18.8	-19.0	44.6	19.8	44.5	20.3	44.4	20.7	44.3	20.7	42.3	19.5	39.4	17.8		-18.8	-19.0	44.6	19.8	44.5	20.3	44.4	20.7	44.3	20.7	42.3	19.5	39.4	17.8																		
	-14.7	-15.0	49.8	15.7	49.6	16.6	49.4	17.2	49.3	17.7	49.3	18.1	49.1	18.7	-14.7	-15.0	48.7	20.6	48.6	21.1	46.3	19.7	44.3	18.7	42.3	17.6	39.4	16.1		-14.7	-15.0	48.7	20.6	48.6	21.1	46.3	19.7	44.3	18.7	42.3	17.6	39.4	16.1																		
	-12.5	-13.1	52.1	16.3	51.9	17.1	51.8	17.7	51.7	18.2	51.6	18.6	51.5	19.2	-12.5	-13.1	51.1	21.0	49.3																																										

REYQ216XBTJA / XBYDA Heating Capacity for Standard Condition (Tc: 46°C)

Main data table with columns for Combination, Outdoor air temp., Indoor air temp. °CDB, and Capacity (kW). Includes sub-sections for 130, 120, 110, 100, and 90 capacity units.

1. Capacity Tables (Reference Data)

REYQ240XBTJA / XBYDA Heating Capacity for Standard Condition (Tc: 46°C)

Combination	Outdoor air temp.		Indoor air temp. °CDB													
			16.1		18.3		20.0		21.1		22.2		23.9			
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI		
%	°CDB	°CWB														
130	-24.8	-25.0	42.1	11.0	41.9	12.5	41.7	13.7	41.6	14.4	41.5	15.2	41.3	16.4		
	-22.8	-23.0	44.3	11.6	44.0	13.1	43.8	14.2	43.7	15.0	43.6	15.7	43.4	16.9		
	-19.8	-20.0	48.0	12.6	47.7	14.0	47.6	15.1	47.4	15.9	47.3	16.6	47.1	17.7		
	-18.8	-19.0	48.9	13.0	48.6	14.4	48.5	15.5	48.3	16.2	48.2	16.9	48.0	18.0		
	-14.7	-15.0	53.1	14.6	52.9	15.9	52.7	16.9	52.6	17.6	52.4	18.2	52.3	19.2		
	-12.5	-13.1	55.6	15.4	55.3	16.7	55.1	17.6	55.0	18.3	54.9	18.9	54.7	19.8		
	-10.6	-11.1	58.2	16.2	58.0	17.4	57.8	18.4	57.6	19.0	57.5	19.6	57.3	20.5		
	-9.4	-10.0	59.8	16.7	59.6	17.9	59.4	18.8	59.3	19.4	59.1	20.0	58.9	20.8		
	-8.3	-9.2	61.0	17.0	60.8	18.2	60.6	19.1	60.4	19.6	60.3	20.2	60.1	21.1		
	-7.2	-7.8	63.1	17.6	62.8	18.7	62.6	19.5	62.5	20.1	62.4	20.7	62.2	21.5		
	-5.6	-6.7	64.8	18.0	64.5	19.1	64.4	19.9	64.2	20.4	64.1	21.0	63.9	21.8		
	-3.3	-4.4	68.5	18.8	68.2	19.9	68.0	20.6	67.9	21.1	67.8	21.7	67.6	22.4		
	-1.1	-2.2	72.4	19.6	72.2	20.6	72.0	21.3	71.9	21.8	71.7	22.3	71.6	23.0		
	1.7	0.0	76.7	20.4	76.4	21.3	76.2	22.0	76.1	22.4	76.0	22.9	75.8	23.6		
	3.9	2.2	81.2	21.1	81.0	22.0	80.8	22.6	80.7	23.0	80.5	23.5	80.3	24.1		
	6.7	4.4	86.1	21.8	85.8	22.6	85.6	23.2	85.5	23.6	85.4	24.0	85.2	24.6		
8.3	6.1	89.9	22.3	89.6	23.1	89.4	23.6	89.3	24.0	89.2	24.4	89.0	24.9			
10.6	8.3	95.2	22.9	95.0	23.6	94.8	24.2	94.6	24.5	94.5	24.9	94.4	25.1			
12.2	10.0	99.4	23.3	99.1	24.0	99.0	24.5	98.8	24.9	98.3	24.0	91.4	21.9			
13.9	11.7	104	23.7	103	24.4	103	24.9	103	24.0	98.3	22.7	91.4	20.8			
15.6	13.3	108	24.1	108	24.8	107	24.0	103	22.8	98.3	21.5	91.4	19.7			
120	-24.8	-25.0	41.9	12.6	41.7	14.0	41.5	15.1	41.4	15.8	41.3	16.5	41.1	17.6		
	-22.8	-23.0	44.0	13.1	43.8	14.5	43.6	15.6	43.5	16.3	43.4	17.0	43.2	18.0		
	-19.8	-20.0	47.7	14.1	47.5	15.4	47.3	16.4	47.2	17.1	47.1	17.8	46.9	18.8		
	-18.8	-19.0	48.6	14.5	48.4	15.8	48.2	16.7	48.1	17.4	48.0	18.1	47.8	19.0		
	-14.7	-15.0	52.9	16.0	52.6	17.2	52.5	18.1	52.4	18.7	52.2	19.3	52.1	20.2		
	-12.5	-13.1	55.3	16.7	55.1	17.9	54.9	18.8	54.8	19.3	54.7	19.9	54.5	20.8		
	-10.6	-11.1	57.9	17.5	57.7	18.6	57.5	19.4	57.4	20.0	57.3	20.6	57.1	21.4		
	-9.4	-10.0	59.6	17.9	59.3	19.0	59.2	19.8	59.0	20.4	58.9	20.9	58.8	21.8		
	-8.3	-9.2	60.7	18.2	60.5	19.3	60.3	20.1	60.2	20.6	60.1	21.2	59.9	22.0		
	-7.2	-7.8	62.8	18.7	62.6	19.8	62.4	20.5	62.3	21.1	62.2	21.6	62.0	22.4		
	-5.6	-6.7	64.5	19.1	64.3	20.1	64.1	20.9	64.0	21.4	63.9	21.9	63.7	22.6		
	-3.3	-4.4	68.2	19.9	68.0	20.8	67.8	21.6	67.7	22.0	67.6	22.5	67.4	23.2		
	-1.1	-2.2	72.2	20.6	71.9	21.5	71.8	22.2	71.7	22.6	71.5	23.1	71.4	23.8		
	1.7	0.0	76.4	21.3	76.2	22.2	76.0	22.8	75.9	23.2	75.8	23.7	75.6	24.3		
	3.9	2.2	81.0	22.0	80.7	22.8	80.6	23.4	80.4	23.8	80.3	24.2	80.2	24.8		
	6.7	4.4	85.8	22.6	85.6	23.4	85.4	23.9	85.3	24.3	85.2	24.7	84.4	23.9		
8.3	6.1	89.6	23.1	89.4	23.8	89.2	24.3	89.1	24.7	89.0	24.7	84.4	22.6			
10.6	8.3	94.9	23.6	94.7	24.3	94.5	24.8	94.4	24.3	90.7	22.9	84.4	21.0			
12.2	10.0	99.1	24.0	98.9	24.7	98.7	24.2	95.0	23.0	90.7	21.7	84.4	19.9			
13.9	11.7	103	24.4	103	24.8	99.2	23.0	95.0	21.8	90.7	20.6	84.4	18.9			
15.6	13.3	108	24.8	106	23.5	99.2	21.8	95.0	20.7	90.7	19.6	84.4	18.0			
110	-24.8	-25.0	41.6	14.2	41.5	15.5	41.3	16.5	41.2	17.1	41.1	17.8	41.0	18.7		
	-22.8	-23.0	43.8	14.7	43.6	16.0	43.4	17.3	43.2	18.2	43.1	18.9	43.1	19.2		
	-19.8	-20.0	47.5	15.6	47.3	16.8	47.1	17.7	47.0	18.3	46.9	19.0	46.7	19.9		
	-18.8	-19.0	48.4	15.9	48.2	17.1	48.0	18.0	47.9	18.6	47.8	19.2	47.7	20.1		
	-14.7	-15.0	52.6	17.3	52.4	18.4	52.3	19.3	52.1	19.8	52.0	20.4	51.9	21.2		
	-12.5	-13.1	55.0	18.0	54.8	19.1	54.7	19.9	54.6	20.4	54.5	21.0	54.3	21.8		
	-10.6	-11.1	57.7	18.7	57.5	19.8	57.3	20.5	57.2	21.1	57.1	21.6	56.9	22.3		
	-9.4	-10.0	59.3	19.2	59.1	20.2	58.9	20.9	58.8	21.4	58.7	21.9	58.6	22.7		
	-8.3	-9.2	60.5	19.4	60.3	20.4	60.1	21.1	60.0	21.6	59.9	22.1	59.7	22.9		
	-7.2	-7.8	62.5	19.9	62.3	20.8	62.2	21.5	62.1	22.0	62.0	22.5	61.8	23.2		
	-5.6	-6.7	64.3	20.3	64.1	21.2	63.9	21.9	63.8	22.3	63.7	22.8	63.5	23.5		
	-3.3	-4.4	68.0	21.0	67.7	21.8	67.6	22.5	67.5	22.9	67.4	23.4	67.2	24.0		
	-1.1	-2.2	71.9	21.6	71.7	22.5	71.5	23.1	71.4	23.5	71.3	23.9	71.2	24.5		
	1.7	0.0	76.2	22.3	76.0	23.1	75.8	23.6	75.7	24.0	75.6	24.4	75.4	24.8		
	3.9	2.2	80.7	22.9	80.5	23.6	80.3	24.2	80.2	24.5	80.1	24.9	77.3	23.1		
	6.7	4.4	85.5	23.5	85.3	24.2	85.2	24.7	85.1	24.8	83.2	23.4	77.3	21.5		
8.3	6.1	89.4	23.9	89.1	24.5	89.0	24.8	87.0	23.5	83.2	22.2	77.3	20.3			
10.6	8.3	94.7	24.4	94.5	24.8	90.9	23.0	87.0	21.8	83.2	20.7	77.3	19.0			
12.2	10.0	98.9	24.8	96.8	23.5	90.9	21.8	87.0	20.7	83.2	19.6	77.3	18.0			
13.9	11.7	103	24.5	96.8	22.3	90.9	20.7	87.0	19.6	83.2	18.6	77.3	17.1			
15.6	13.3	105	23.2	96.8	21.1	90.9	19.6	87.0	18.6	83.2	17.7	77.3	16.3			
100	-24.8	-25.0	41.4	15.8	41.2	17.0	41.1	17.8	41.0	18.4	40.9	19.0	40.8	19.9		
	-22.8	-23.0	43.5	16.3	43.3	17.4	43.2	18.3	43.1	18.9	43.0	19.4	42.9	20.3		
	-19.8	-20.0	47.2	17.1	47.0	18.2	46.9	19.0	46.8	19.6	46.7	20.2	46.6	21.0		
	-18.8	-19.0	48.1	17.4	47.9	18.5	47.8	19.3	47.7	19.9	47.6	20.4	47.5	21.2		
	-14.7	-15.0	52.4	18.7	52.2	19.7	52.0	20.5	51.9	21.0	51.8	21.5	51.7	22.2		
	-12.5	-13.1	54.8	19.3	54.6	20.3	54.4	21.0	54.3	21.5	54.2	22.0	54.1	22.8		
	-10.6	-11.1	57.4	20.0	57.2	20.9	57.1	21.6	57.0	22.1	56.9	22.6	56.7	23.3		
	-9.4	-10.0	59.0	20.4	58.8	21.3	58.7	22.0	58.6	22.4	58.5	22.9	58.4	23.6		
	-8.3	-9.2	60.2	20.6	60.0	21.5	59.9	22.2	59.8	22.6	59.7	23.1	59.5	23.8		
	-7.2	-7.8	62.3	21.0	62.1	21.9	61.9	22.6	61.8	23.0	61.8	23.4	61.6	24.1		
	-5.6	-6.7	64.0	21.4	63.8	22.2	63.7	22.8	63.6	23.3	63.5	23.7	63.3	24.3		
	-3.3	-4.4	67.7	22.0	67.5	22.8	67.4	23.4	67.3	23.8	67.2	24.2	67.0	24.8		
	-1.1	-2.2	71.7	22.6	71.5	23.4	71.3	23.9	71.2	24.3	71.1	24.7	70.3	23.8		
	1.7	0.0</														

REYQ264XBTJA / XBYDA Heating Capacity for Standard Condition (Tc: 46°C)

Main data table with columns for Combination, Outdoor air temp., Indoor air temp. °CDB (16.1, 18.3, 20.0, 21.1, 22.2, 23.9), and Capacity (TC, PI) for various indoor/outdoor temperature combinations.

1. Capacity Tables (Reference Data)

TC Total capacity; kW
PI Power Input; kW (Comp.+Outdoor fan motor)
Note: 1. This table reflects performance of the outdoor unit only. And not an entire system.
2. Other factors such as indoor unit power consumption, piping losses, etc. are not included.
And actual results may vary according to conditions of use.

REYQ288XBTJA / XBYDA Heating Capacity for Standard Condition (Tc: 46°C)

Combination	Outdoor air temp.		Indoor air temp. °CDB											
			16.1		18.3		20.0		21.1		22.2		23.9	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	°CDB	°CWB	kW		kW		kW		kW		kW		kW	
130	-24.8	-25.0	52.4	14.0	52.1	15.9	51.9	17.3	51.8	18.2	51.7	19.1	51.4	20.5
	-22.8	-23.0	55.1	14.7	54.8	16.5	54.6	17.9	54.5	18.8	54.3	19.7	54.1	21.1
	-19.8	-20.0	59.8	16.0	59.5	17.7	59.3	19.1	59.2	19.9	59.0	20.8	58.8	22.1
	-18.8	-19.0	61.0	16.5	60.7	18.2	60.5	19.5	60.3	20.3	60.2	21.2	59.9	22.5
	-14.7	-15.0	66.4	18.4	66.1	20.0	65.9	21.2	65.7	22.0	65.6	22.9	65.3	24.1
	-12.5	-13.1	69.4	19.4	69.1	21.0	68.9	22.1	68.8	22.9	68.6	23.7	68.4	24.8
	-10.6	-11.1	72.8	20.5	72.5	21.9	72.3	23.1	72.1	23.8	72.0	24.5	71.8	25.6
	-9.4	-10.0	74.9	21.0	74.6	22.5	74.3	23.6	74.2	24.3	74.0	25.0	73.8	26.1
	-8.3	-9.2	76.4	21.4	76.1	22.9	75.8	23.9	75.7	24.6	75.5	25.3	75.3	26.4
	-7.2	-7.8	78.9	22.1	78.6	23.5	78.4	24.5	78.3	25.2	78.1	25.9	77.9	26.9
	-5.6	-6.7	81.1	22.6	80.8	24.0	80.6	24.9	80.4	25.6	80.3	26.3	80.1	27.3
	-3.3	-4.4	85.7	23.6	85.4	24.9	85.2	25.8	85.0	26.5	84.9	27.1	84.7	28.0
	-1.1	-2.2	90.7	24.6	90.4	25.8	90.2	26.7	90.0	27.3	89.9	27.9	89.6	28.7
	1.7	0.0	96.0	25.5	95.7	26.7	95.5	27.5	95.4	28.0	95.2	28.6	95.0	29.4
	3.9	2.2	102	26.4	101	27.5	101	28.3	101	28.8	101	29.3	101	30.1
	6.7	4.4	108	27.3	107	28.2	107	29.0	107	29.5	107	30.0	107	30.7
8.3	6.1	113	27.8	112	28.8	112	29.5	112	30.0	112	30.4	110	30.3	
10.6	8.3	119	28.6	119	29.5	119	30.1	119	30.6	118	30.8	110	28.2	
12.2	10.0	125	29.1	124	30.0	124	30.6	123	30.9	118	29.2	110	26.7	
13.9	11.7	130	29.6	130	30.4	129	30.8	123	29.2	118	27.6	110	25.3	
15.6	13.3	136	30.1	135	30.9	129	29.2	123	27.7	118	26.2	110	24.0	
120	-24.8	-25.0	52.1	15.9	51.9	17.6	51.7	18.9	51.6	19.8	51.4	20.7	51.2	22.0
	-22.8	-23.0	54.8	16.6	54.6	18.3	54.4	19.6	54.2	20.4	54.1	21.3	53.9	22.5
	-19.8	-20.0	59.5	17.8	59.3	19.4	59.0	20.6	58.9	21.5	58.8	22.3	58.6	23.5
	-18.8	-19.0	60.7	18.2	60.4	19.8	60.2	21.0	60.1	21.8	59.9	22.6	59.7	23.8
	-14.7	-15.0	66.1	20.1	65.8	21.6	65.6	22.7	65.4	23.4	65.3	24.2	65.1	25.3
	-12.5	-13.1	69.1	21.0	68.8	22.5	68.7	23.5	68.5	24.2	68.4	25.0	68.2	26.0
	-10.6	-11.1	72.5	22.0	72.2	23.4	72.0	24.4	71.9	25.1	71.7	25.7	71.5	26.8
	-9.4	-10.0	74.6	22.5	74.3	23.9	74.1	24.9	73.9	25.5	73.8	26.2	73.6	27.2
	-8.3	-9.2	76.0	22.9	75.8	24.2	75.6	25.2	75.4	25.8	75.3	26.5	75.1	27.5
	-7.2	-7.8	78.6	23.5	78.4	24.8	78.1	25.7	78.0	26.4	77.9	27.0	77.7	27.9
	-5.6	-6.7	80.8	24.0	80.5	25.2	80.3	26.1	80.2	26.8	80.0	27.4	79.8	28.3
	-3.3	-4.4	85.4	24.9	85.1	26.1	84.9	27.0	84.8	27.5	84.7	28.1	84.4	29.0
	-1.1	-2.2	90.4	25.8	90.1	26.9	89.9	27.7	89.8	28.3	89.6	28.8	89.4	29.7
	1.7	0.0	95.7	26.7	95.4	27.7	95.2	28.5	95.1	29.0	95.0	29.5	94.8	30.3
	3.9	2.2	101	27.5	101	28.5	101	29.2	101	29.7	101	30.2	100	30.9
	6.7	4.4	107	28.3	107	29.2	107	29.9	107	30.3	107	30.8	101	29.0
8.3	6.1	112	28.8	112	29.7	112	30.3	112	30.8	109	30.1	101	27.5	
10.6	8.3	119	29.5	119	30.3	118	30.9	114	29.5	109	27.9	101	25.6	
12.2	10.0	124	30.0	124	30.8	119	29.5	114	28.0	109	26.5	101	24.3	
13.9	11.7	130	30.5	127	30.2	119	28.0	114	26.5	109	25.1	101	23.0	
15.6	13.3	135	30.9	127	28.6	119	26.5	114	25.2	109	23.8	101	21.9	
110	-24.8	-25.0	51.8	17.9	51.6	19.4	51.4	20.6	51.3	21.4	51.2	22.2	51.0	23.4
	-22.8	-23.0	54.5	18.5	54.3	20.1	54.1	21.2	54.0	22.0	53.9	22.8	53.7	23.9
	-19.8	-20.0	59.2	19.6	59.0	21.1	58.8	22.2	58.7	23.0	58.5	23.7	58.3	24.8
	-18.8	-19.0	60.4	20.0	60.1	21.5	59.9	22.6	59.8	23.3	59.7	24.0	59.5	25.1
	-14.7	-15.0	65.8	21.8	65.5	23.1	65.3	24.1	65.2	24.8	65.1	25.5	64.9	26.5
	-12.5	-13.1	68.8	22.6	68.6	23.9	68.4	24.9	68.3	25.6	68.1	26.2	67.9	27.2
	-10.6	-11.1	72.2	23.5	71.9	24.8	71.7	25.7	71.6	26.3	71.5	27.0	71.3	27.9
	-9.4	-10.0	74.3	24.0	74.0	25.3	73.8	26.2	73.7	26.8	73.6	27.4	73.4	28.3
	-8.3	-9.2	75.7	24.4	75.5	25.6	75.3	26.5	75.2	27.1	75.0	27.7	74.8	28.6
	-7.2	-7.8	78.3	24.9	78.1	26.1	77.9	27.0	77.7	27.5	77.6	28.1	77.4	29.0
	-5.6	-6.7	80.5	25.4	80.2	26.5	80.0	27.3	79.9	27.9	79.8	28.5	79.6	29.3
	-3.3	-4.4	85.1	26.2	84.8	27.3	84.7	28.1	84.5	28.6	84.4	29.1	84.2	29.9
	-1.1	-2.2	90.1	27.1	89.8	28.1	89.6	28.8	89.5	29.3	89.4	29.8	89.2	30.6
	1.7	0.0	95.4	27.8	95.2	28.8	95.0	29.5	94.8	30.0	94.7	30.4	92.8	30.2
	3.9	2.2	101	28.6	101	29.5	101	30.1	101	30.6	99.8	30.7	92.8	28.1
	6.7	4.4	107	29.3	107	30.1	107	30.8	104	30.2	99.8	28.5	92.8	26.1
8.3	6.1	112	29.8	112	30.6	109	30.1	104	28.6	99.8	27.0	92.8	24.8	
10.6	8.3	119	30.4	116	30.2	109	28.0	104	26.6	99.8	25.2	92.8	23.1	
12.2	10.0	124	30.9	116	28.6	109	26.5	104	25.2	99.8	23.9	92.8	21.9	
13.9	11.7	125	29.8	116	27.1	109	25.2	104	23.9	99.8	22.7	92.8	20.8	
15.6	13.3	125	28.2	116	25.7	109	23.9	104	22.7	99.8	21.5	92.8	19.8	
100	-24.8	-25.0	51.6	19.8	51.3	21.2	51.2	22.3	51.1	23.0	51.0	23.8	50.8	24.8
	-22.8	-23.0	54.2	20.4	54.0	21.8	53.8	22.9	53.7	23.6	53.6	24.3	53.5	25.3
	-19.8	-20.0	58.9	21.4	58.7	22.8	58.5	23.8	58.4	24.5	58.3	25.2	58.1	26.2
	-18.8	-19.0	60.1	21.8	59.8	23.1	59.7	24.1	59.6	24.8	59.4	25.5	59.3	26.5
	-14.7	-15.0	65.4	23.4	65.2	24.7	65.0	25.6	64.9	26.2	64.8	26.8	64.6	27.7
	-12.5	-13.1	68.5	24.2	68.3	25.4	68.1	26.3	68.0	26.9	67.9	27.5	67.7	28.4
	-10.6	-11.1	71.9	25.1	71.7	26.2	71.5	27.0	71.4	27.6	71.2	28.2	71.1	29.0
	-9.4	-10.0	73.9	25.5	73.7	26.6	73.5	27.5	73.4	28.0	73.3	28.6	73.1	29.4
	-8.3	-9.2	75.4	25.8	75.2	26.9	75.0	27.7	74.9	28.3	74.8	28.8	74.6	29.6
	-7.2	-7.8	78.0	26.3	77.8	27.4	77.6	28.2	77.5	28.7	77.4	29.2	77.2	30.0
	-5.6	-6.7	80.2	26.7	79.9	27.8	79.8	28.5	79.7	29.0	79.5	29.6	79.4	30.3
	-3.3	-4.4	84.8	27.5	84.6	28.5	84.4	29.2	84.3	29.7	84.2	30.2	84.0	30.9
	-1.1	-2.2	89.8	28.3	89.5	29.2	89.4	29.9	89.2	30.3	89.1	30.8	84.4	28.9
	1.7	0.0	95.1	29.0	94.9	29.9	94.7	30.5	94.6	30.9	90.7	29.4	84.4	26.9
	3.9	2.2	101	29.7	101	30.5	99.2	30.5	95.0	28.9	90.7	27.3	84.4	25.0
	6.7	4.4	107	30.3	106	30.6	99.2	28.3	95.0	26.9	90.7	25.4	84.4	23.3
8.3	6.1	112	30.8	106	28.9	99.2	26.8	95.0	25.5	90.7	24.1	84.4	22.1	
10.6	8.3	114	29.6	106	26.9	99.2	25.0	95.0	23.7	90.7	22.5	84.4	20.7	
12.2	10.0	114	28.0	106	25.5	99.2	23.7	95.0	22.5	90.7				

REYQ312XBTJA / XBYDA Heating Capacity for Standard Condition (Tc: 46°C)

Table with columns for Combination, Outdoor air temp., Indoor air temp. °CDB (16.1, 18.3, 20.0, 21.1, 22.2, 23.9), and Capacity (kW, PI). Includes sub-sections for 130, 120, 110, 100, and 90 capacity units.

1. Capacity Tables (Reference Data)

TC Total capacity; kW
PI Power Input; kW (Comp.+Outdoor fan motor)
Note 1. ... is shown as reference.
2. This tables reflect performance of the outdoor unit only. And not an entire system.
3. Other factors such as indoor unit power consumption, piping losses, etc. are not included.
And actual results may vary according to conditions of use.

REYQ336XBTJA / XBYDA Heating Capacity for Standard Condition (Tc: 46°C)

Combination	Outdoor air temp.		Indoor air temp. °CDB												Combination	Outdoor air temp.		Indoor air temp. °CDB																																			
			16.1		18.3		20.0		21.1		22.2		23.9					16.1		18.3		20.0		21.1		22.2		23.9																									
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI																								
%	°CDB	°CWB																									%	°CDB	°CWB																								
130	-24.8	-25.0	55.8	13.6	55.5	15.9	55.2	17.5	55.1	18.6	54.9	19.7	54.7	21.4	-24.8	-25.0	54.2	25.1	54.0	26.4	53.8	27.5	53.7	28.1	53.6	28.8	53.5	29.8																									
	120	-24.8	-25.0	55.4	15.9	55.2	18.0	54.9	19.5	54.8	20.5	54.7	21.5	54.4	23.1	-24.8	-25.0	53.8	27.4	53.7	28.6	53.5	29.5	53.5	30.1	53.4	30.6	53.3	31.5																								
		110	-24.8	-25.0	55.1	18.2	54.9	20.1	54.7	21.5	54.5	22.4	54.4	23.4	54.2	24.8	-24.8	-25.0	53.5	29.7	53.4	30.7	53.3	31.4	53.2	32.0	53.1	32.5	53.0	33.2																							
			100	-24.8	-25.0	54.8	20.5	54.6	22.2	54.4	23.5	54.3	24.3	54.1	25.2	54.0	26.5	-24.8	-25.0	53.2	31.9	53.1	32.8	53.0	33.4	52.9	32.2	52.9	30.5	49.2	28.0																						
				90	-24.8	-25.0	54.5	22.8	54.3	24.3	54.1	25.5	54.0	26.2	53.9	27.0	53.7	28.2	-24.8	-25.0	53.2	31.9	53.1	32.8	53.0	33.4	52.9	32.2	52.9	30.5	49.2	28.0																					

TC Total capacity; kW
 PI Power Input; kW (Comp.+Outdoor fan motor)
 Note1. is shown as reference.
 2. This tables reflect performance of the outdoor unit only. And not an entire system.
 3. Other factors such as indoor unit power consumption, piping losses, etc. are not included.
 And actual results may vary according to conditions of use.

REYQ360XBTJA / XBYDA Heating Capacity for Standard Condition (Tc: 46°C)

Main data table with columns for Combination, Outdoor air temp., Indoor air temp. °CDB, and Capacity (kW). Includes sub-sections for 130, 120, 110, 100, and 90 capacity units.

1. Capacity Tables (Reference Data)

TC Total capacity; kW
PI Power Input; kW (Comp.+Outdoor fan motor)
Note: 1. This table reflect performance of the outdoor unit only. And not an entire system.
2. Other factors such as indoor unit power consumption, piping losses, etc. are not included.
And actual results may vary according to conditions of use.

REYQ384XBTJA / XBYDA Heating Capacity for Standard Condition (Tc: 46°C)

Combination	Outdoor air temp.		Indoor air temp. °CDB											
			16.1		18.3		20.0		21.1		22.2		23.9	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	°CDB	°CWB	kW		kW		kW		kW		kW		kW	
130	-24.8	-25.0	68.3	16.9	68.0	19.3	67.7	21.2	67.5	22.4	67.3	23.7	67.0	25.5
	-22.8	-23.0	71.8	17.8	71.4	20.2	71.1	22.1	71.0	23.3	70.8	24.5	70.5	26.3
	-19.8	-20.0	77.9	19.5	77.5	21.8	77.2	23.6	77.0	24.7	76.8	25.9	76.5	27.6
	-18.8	-19.0	79.4	20.1	79.0	22.4	78.7	24.1	78.5	25.2	78.3	26.4	78.0	28.1
	-14.7	-15.0	86.3	22.7	85.9	24.8	85.6	26.4	85.4	27.5	85.2	28.5	84.9	30.1
	-12.5	-13.1	90.3	24.0	89.9	26.0	89.6	27.6	89.4	28.6	89.2	29.6	88.9	31.1
	-10.6	-11.1	94.6	25.3	94.2	27.3	93.9	28.8	93.7	29.7	93.5	30.7	93.2	32.2
	-9.4	-10.0	97.3	26.1	96.9	28.0	96.6	29.4	96.4	30.4	96.2	31.3	95.9	32.8
	-8.3	-9.2	99.2	26.6	98.8	28.5	98.5	29.9	98.3	30.8	98.1	31.8	97.8	33.2
	-7.2	-7.8	103	27.5	102	29.3	102	30.6	102	31.5	101	32.5	101	33.8
	-5.6	-6.7	105	28.2	105	29.9	105	31.2	104	32.1	104	33.0	104	34.3
	-3.3	-4.4	111	29.5	111	31.2	111	32.4	110	33.2	110	34.1	110	35.3
	-1.1	-2.2	118	30.8	117	32.4	117	33.5	117	34.3	117	35.1	116	36.3
	1.7	0.0	125	32.0	124	33.5	124	34.6	124	35.3	124	36.1	123	37.2
	3.9	2.2	132	33.2	132	34.6	131	35.6	131	36.3	131	37.0	131	38.0
	6.7	4.4	140	34.3	140	35.6	139	36.6	139	37.2	139	37.9	139	38.9
8.3	6.1	146	35.1	146	36.3	145	37.3	145	37.9	145	38.5	145	39.4	
10.6	8.3	155	36.1	154	37.2	154	38.1	154	38.7	154	39.3	146	37.2	
12.2	10.0	162	36.7	161	37.9	161	38.7	161	39.3	157	38.5	146	35.3	
13.9	11.7	169	37.4	168	38.5	168	39.3	165	38.6	157	36.5	146	33.5	
15.6	13.3	176	38.0	176	39.1	172	38.6	165	36.6	157	34.6	146	31.1	
120	-24.8	-25.0	68.0	19.4	67.6	21.7	67.4	23.4	67.2	24.6	67.0	25.7	66.8	27.4
	-22.8	-23.0	71.4	20.3	71.1	22.6	70.8	24.2	70.6	25.4	70.5	26.5	70.2	28.2
	-19.8	-20.0	77.5	21.9	77.1	24.0	76.9	25.6	76.7	26.7	76.5	27.8	76.2	29.4
	-18.8	-19.0	79.0	22.5	78.6	24.6	78.3	26.2	78.2	27.2	78.0	28.3	77.7	29.8
	-14.7	-15.0	85.9	24.9	85.5	26.8	85.3	28.3	85.1	29.3	84.9	30.3	84.6	31.7
	-12.5	-13.1	89.9	26.1	89.5	28.0	89.2	29.4	89.0	30.3	88.8	31.3	88.6	32.7
	-10.6	-11.1	94.2	27.4	93.8	29.2	93.5	30.5	93.4	31.4	93.2	32.3	92.9	33.7
	-9.4	-10.0	96.8	28.1	96.5	29.8	96.2	31.1	96.0	32.0	95.8	32.9	95.5	34.2
	-8.3	-9.2	98.8	28.6	98.4	30.3	98.1	31.6	97.9	32.4	97.7	33.3	97.5	34.6
	-7.2	-7.8	102	29.4	102	31.0	101	32.3	101	33.1	101	33.9	101	35.2
	-5.6	-6.7	105	30.0	105	31.6	104	32.8	104	33.6	104	34.4	104	35.7
	-3.3	-4.4	111	31.2	111	32.8	110	33.9	110	34.7	110	35.4	110	36.6
	-1.1	-2.2	117	32.4	117	33.9	117	34.9	117	35.7	116	36.4	116	37.5
	1.7	0.0	124	33.5	124	34.9	124	35.9	123	36.6	123	37.3	123	38.3
	3.9	2.2	132	34.6	131	35.9	131	36.9	131	37.5	131	38.1	130	39.1
	6.7	4.4	140	35.6	139	36.8	139	37.7	139	38.3	139	38.9	135	38.4
8.3	6.1	146	36.4	145	37.5	145	38.4	145	38.9	145	39.5	135	36.3	
10.6	8.3	154	37.3	154	38.4	154	39.2	152	39.0	145	36.9	135	33.8	
12.2	10.0	161	37.9	161	38.9	159	39.0	152	37.0	145	35.0	135	32.1	
13.9	11.7	168	38.5	168	39.5	159	36.9	152	35.0	145	33.2	135	30.4	
15.6	13.3	176	39.1	169	37.8	159	35.0	152	33.2	145	31.5	135	28.9	
110	-24.8	-25.0	67.6	22.0	67.3	24.1	67.0	25.7	66.9	26.7	66.7	27.8	66.5	29.3
	-22.8	-23.0	71.0	22.8	70.7	24.9	70.5	26.4	70.3	27.5	70.1	28.5	69.9	30.0
	-19.8	-20.0	77.1	24.3	76.8	26.3	76.5	27.7	76.3	28.7	76.2	29.7	75.9	31.2
	-18.8	-19.0	78.6	24.8	78.2	26.8	78.0	28.2	77.8	29.2	77.6	30.1	77.4	31.6
	-14.7	-15.0	85.5	27.1	85.2	28.9	84.9	30.2	84.7	31.1	84.6	32.0	84.3	33.4
	-12.5	-13.1	89.4	28.2	89.1	29.9	88.9	31.2	88.7	32.1	88.5	33.0	88.3	34.3
	-10.6	-11.1	93.8	29.4	93.4	31.0	93.2	32.3	93.0	33.1	92.8	33.9	92.6	35.2
	-9.4	-10.0	96.4	30.0	96.1	31.6	95.8	32.9	95.7	33.7	95.5	34.5	95.2	35.7
	-8.3	-9.2	98.4	30.5	98.0	32.1	97.8	33.2	97.6	34.0	97.4	34.8	97.2	36.0
	-7.2	-7.8	102	31.2	101	32.7	101	33.9	101	34.7	101	35.4	101	36.6
	-5.6	-6.7	105	31.8	104	33.3	104	34.4	104	35.1	104	35.9	103	37.0
	-3.3	-4.4	111	32.9	110	34.3	110	35.4	110	36.1	110	36.8	109	37.8
	-1.1	-2.2	117	34.0	117	35.4	116	36.3	116	37.0	116	37.7	116	38.7
	1.7	0.0	124	35.1	124	36.3	123	37.2	123	37.9	123	38.5	123	39.4
	3.9	2.2	131	36.1	131	37.2	131	38.1	130	38.7	130	39.3	124	37.1
	6.7	4.4	139	37.0	139	38.1	139	38.9	138	39.5	133	37.7	124	34.5
8.3	6.1	145	37.6	145	38.7	145	39.5	139	37.7	133	35.7	124	32.7	
10.6	8.3	154	38.5	154	39.5	145	37.0	139	35.1	133	33.2	124	30.5	
12.2	10.0	161	39.1	155	37.8	145	35.1	139	33.3	133	31.5	124	29.0	
13.9	11.7	167	39.4	155	35.8	145	33.3	139	31.6	133	29.9	124	27.5	
15.6	13.3	167	37.3	155	34.0	145	31.6	139	30.0	133	28.5	124	26.2	
100	-24.8	-25.0	67.2	24.6	66.9	26.5	66.7	27.9	66.5	28.9	66.4	29.8	66.2	31.2
	-22.8	-23.0	70.6	25.3	70.3	27.2	70.1	28.6	70.0	29.5	69.8	30.5	69.6	31.9
	-19.8	-20.0	76.7	26.7	76.4	28.5	76.1	29.8	76.0	30.7	75.8	31.6	75.6	33.0
	-18.8	-19.0	78.2	27.2	77.9	28.9	77.6	30.3	77.5	31.1	77.3	32.0	77.1	33.3
	-14.7	-15.0	85.1	29.3	84.8	30.9	84.5	32.1	84.4	32.9	84.2	33.8	84.0	35.0
	-12.5	-13.1	89.0	30.3	88.7	31.9	88.5	33.1	88.3	33.9	88.2	34.6	88.0	35.8
	-10.6	-11.1	93.4	31.4	93.1	32.9	92.8	34.0	92.7	34.8	92.5	35.5	92.3	36.7
	-9.4	-10.0	96.0	32.0	95.7	33.5	95.5	34.6	95.3	35.3	95.2	36.0	94.9	37.1
	-8.3	-9.2	97.9	32.4	97.6	33.9	97.4	34.9	97.2	35.6	97.1	36.4	96.9	37.4
	-7.2	-7.8	101	33.1	101	34.5	101	35.5	101	36.2	100	36.9	100	37.9
	-5.6	-6.7	104	33.6	104	35.0	104	36.0	103	36.7	103	37.3	103	38.3
	-3.3	-4.4	110	34.7	110	35.9	110	36.9	109	37.5	109	38.2	109	39.1
	-1.1	-2.2	117	35.6	116	36.8	116	37.7	116	38.3	116	38.9	112	38.2
	1.7	0.0	123	36.6	123	37.7	123	38.6	123	39.1	121	38.9	112	35.6
	3.9	2.2	131	37.5	131	38.6	130	39.4	127	38.2	121	36.1	112	33.1
	6.7	4.4	139	38.3	138	39.3	132	37.4	127	35.5	121	33.6	112	30.8
8.3	6.1	145	38.9	141	38.2	132	35.4	127	33.6	121	31.9	112	29.3	
10.6	8.3	152	39.1	141	35.5	132	33.0	127	31.3	121	29.7	112	27.3	
12.2	10.0	152	37.0	141	33.7	132	31.3	127	29.7	121	28.2	112	26.0	
13.9	11.7	152	35.1	141	32.0	132	29.7	127	28.3	121	26.8			

REYQ408XBTJA / XBYDA Heating Capacity for Standard Condition (Tc: 46°C)

Table with columns for Combination, Outdoor air temp., Indoor air temp. °CDB (16.1, 18.3, 20.0, 21.1, 22.2, 23.9), and Capacity (kW, PI). Includes sub-sections for 130, 120, 110, 100, and 90 capacity units.

1. Capacity Tables (Reference Data)

REYQ432XBTJA / XBYDA Heating Capacity for Standard Condition (Tc: 46°C)

Combination	Outdoor air temp.		Indoor air temp. °CDB											
			16.1		18.3		20.0		21.1		22.2		23.9	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	°CDB	°CWB	kW		kW		kW		kW		kW		kW	
-24.8	-25.0	78.6	21.0	78.2	23.8	77.9	25.9	77.7	27.3	77.5	28.7	77.2	30.8	
-22.8	-23.0	82.7	22.1	82.2	24.8	81.9	26.9	81.7	28.2	81.5	29.6	81.2	31.7	
-19.8	-20.0	89.7	24.0	89.3	26.6	89.0	28.6	88.7	29.9	88.5	31.2	88.2	33.2	
-18.8	-19.0	91.5	24.7	91.0	27.3	90.7	29.2	90.5	30.5	90.3	31.8	89.9	33.7	
-14.7	-15.0	99.6	27.7	99.1	30.1	98.8	31.9	98.6	33.1	98.3	34.3	98.0	36.1	
-12.5	-13.1	104	29.2	104	31.5	103	33.2	103	34.4	103	35.5	103	37.3	
-10.6	-11.1	109	30.7	109	32.9	108	34.6	108	35.7	108	36.8	108	38.5	
-9.4	-10.0	112	31.6	112	33.7	112	35.4	111	36.4	111	37.5	111	39.1	
-8.3	-9.2	115	32.2	114	34.3	114	35.9	114	36.9	113	38.0	113	39.6	
-7.2	-7.8	118	33.2	118	35.2	118	36.7	117	37.8	117	38.8	117	40.3	
-5.6	-6.7	122	33.9	121	35.9	121	37.4	121	38.4	120	39.4	120	40.9	
-3.3	-4.4	129	35.5	128	37.3	128	38.7	128	39.7	127	40.6	127	42.0	
-1.1	-2.2	136	36.9	136	38.7	135	40.0	135	40.9	135	41.8	134	43.1	
1.7	0.0	144	38.3	144	40.0	143	41.2	143	42.1	143	42.9	142	44.2	
3.9	2.2	153	39.6	152	41.2	152	42.4	152	43.2	151	44.0	151	45.1	
6.7	4.4	162	40.9	161	42.4	161	43.5	161	44.2	160	45.0	160	46.1	
8.3	6.1	169	41.8	168	43.2	168	44.2	168	45.0	168	45.7	164	45.5	
10.6	8.3	179	42.9	178	44.2	178	45.2	178	45.9	177	46.2	164	42.3	
12.2	10.0	187	43.7	186	45.0	186	45.9	185	46.3	177	43.8	164	40.1	
13.9	11.7	195	44.4	195	45.6	193	46.3	185	43.8	177	41.5	164	38.0	
15.6	13.3	203	45.1	203	46.3	193	43.8	185	41.6	177	39.3	164	36.1	
-24.8	-25.0	78.2	23.9	77.8	26.5	77.5	28.4	77.3	29.7	77.1	31.0	76.9	33.0	
-22.8	-23.0	82.2	24.9	81.8	27.4	81.5	29.3	81.3	30.6	81.1	31.9	80.8	33.8	
-19.8	-20.0	89.3	26.8	88.9	29.1	88.6	31.0	88.4	32.2	88.2	33.4	87.9	35.2	
-18.8	-19.0	91.0	27.4	90.6	29.8	90.3	31.5	90.1	32.7	89.9	33.9	89.6	35.7	
-14.7	-15.0	99.1	30.1	98.7	32.4	98.4	34.0	98.2	35.1	98.0	36.3	97.7	37.9	
-12.5	-13.1	104	31.6	103	33.7	103	35.3	103	36.4	103	37.4	102	39.0	
-10.6	-11.1	109	33.0	108	35.0	108	36.6	108	37.6	108	38.6	107	40.2	
-9.4	-10.0	112	33.8	111	35.8	111	37.3	111	38.3	111	39.3	110	40.8	
-8.3	-9.2	114	34.4	114	36.3	113	37.8	113	38.8	113	39.7	113	41.2	
-7.2	-7.8	118	35.3	118	37.2	117	38.6	117	39.5	117	40.5	116	41.9	
-5.6	-6.7	121	36.0	121	37.8	120	39.2	120	40.1	120	41.1	120	42.4	
-3.3	-4.4	128	37.4	128	39.1	127	40.4	127	41.3	127	42.2	127	43.5	
-1.1	-2.2	136	38.8	135	40.4	135	41.6	135	42.4	134	43.2	134	44.5	
1.7	0.0	144	40.0	143	41.6	143	42.7	143	43.5	142	44.3	142	45.4	
3.9	2.2	152	41.3	152	42.7	151	43.8	151	44.5	151	45.2	151	46.3	
6.7	4.4	161	42.4	161	43.8	160	44.8	160	45.5	160	46.2	152	43.8	
8.3	6.1	168	43.2	168	44.5	168	45.5	167	46.2	163	45.1	152	41.2	
10.6	8.3	178	44.3	178	45.5	178	46.4	171	44.3	163	41.9	152	38.4	
12.2	10.0	186	45.0	186	46.2	179	44.3	171	42.0	163	39.7	152	36.4	
13.9	11.7	195	45.7	190	45.3	179	41.9	171	39.8	163	37.7	152	34.6	
15.6	13.3	203	46.4	190	42.9	179	39.8	171	37.7	163	35.7	152	32.8	
-24.8	-25.0	77.8	26.8	77.4	29.2	77.2	30.9	77.0	32.1	76.8	33.3	76.5	35.1	
-22.8	-23.0	81.8	27.8	81.4	30.1	81.1	31.8	81.0	33.0	80.8	34.1	80.5	35.9	
-19.8	-20.0	88.8	29.4	88.5	31.7	88.2	33.3	88.0	34.4	87.8	35.6	87.5	37.2	
-18.8	-19.0	90.6	30.0	90.2	32.2	89.9	33.9	89.7	35.0	89.5	36.1	89.2	37.7	
-14.7	-15.0	98.6	32.6	98.3	34.7	98.0	36.2	97.8	37.2	97.6	38.2	97.3	39.8	
-12.5	-13.1	103	34.0	103	35.9	103	37.4	102	38.4	102	39.3	102	40.8	
-10.6	-11.1	108	35.3	108	37.2	108	38.6	107	39.5	107	40.4	107	41.9	
-9.4	-10.0	111	36.0	111	37.9	111	39.3	111	40.2	110	41.1	110	42.5	
-8.3	-9.2	114	36.6	113	38.4	113	39.7	113	40.6	113	41.5	112	42.8	
-7.2	-7.8	117	37.4	117	39.1	117	40.4	117	41.3	116	42.2	116	43.5	
-5.6	-6.7	121	38.1	120	39.7	120	41.0	120	41.8	120	42.7	119	44.0	
-3.3	-4.4	128	39.3	127	40.9	127	42.1	127	42.9	127	43.7	126	44.9	
-1.1	-2.2	135	40.6	135	42.1	134	43.2	134	44.0	134	44.7	134	45.8	
1.7	0.0	143	41.8	143	43.2	142	44.2	142	44.9	142	45.6	139	45.4	
3.9	2.2	152	42.9	151	44.2	151	45.2	151	45.9	150	46.1	139	42.1	
6.7	4.4	161	43.9	160	45.2	160	46.1	157	45.3	150	42.8	139	39.2	
8.3	6.1	168	44.7	168	45.9	164	45.2	157	42.8	150	40.5	139	37.1	
10.6	8.3	178	45.6	174	45.3	164	42.0	157	39.8	150	37.7	139	34.6	
12.2	10.0	186	46.3	174	42.9	164	39.8	157	37.8	150	35.8	139	32.9	
13.9	11.7	188	44.7	174	40.7	164	37.8	157	35.9	150	34.0	139	31.2	
15.6	13.3	188	42.4	174	38.6	164	35.8	157	34.1	150	32.3	139	29.7	
-24.8	-25.0	77.3	29.7	77.0	31.8	76.8	33.5	76.6	34.5	76.5	35.6	76.2	37.3	
-22.8	-23.0	81.3	30.6	81.0	32.7	80.8	34.3	80.6	35.3	80.4	36.4	80.2	38.0	
-19.8	-20.0	88.4	32.2	88.0	34.2	87.8	35.7	87.6	36.7	87.4	37.7	87.2	39.2	
-18.8	-19.0	90.1	32.7	89.8	34.7	89.5	36.2	89.3	37.2	89.2	38.2	88.9	39.7	
-14.7	-15.0	98.2	35.1	97.8	37.0	97.6	38.4	97.4	39.3	97.2	40.2	96.9	41.6	
-12.5	-13.1	103	36.3	102	38.1	102	39.5	102	40.4	102	41.2	102	42.6	
-10.6	-11.1	108	37.6	107	39.3	107	40.6	107	41.4	107	42.3	107	43.6	
-9.4	-10.0	111	38.3	111	40.0	110	41.2	110	42.0	110	42.9	110	44.1	
-8.3	-9.2	113	38.8	113	40.4	113	41.6	112	42.4	112	43.2	112	44.5	
-7.2	-7.8	117	39.5	117	41.1	116	42.3	116	43.1	116	43.8	116	45.0	
-5.6	-6.7	120	40.1	120	41.6	120	42.8	119	43.6	119	44.3	119	45.5	
-3.3	-4.4	127	41.3	127	42.7	127	43.8	126	44.5	126	45.3	126	46.3	
-1.1	-2.2	135	42.4	134	43.8	134	44.8	134	45.5	134	46.2	127	43.4	
1.7	0.0	143	43.5	142	44.8	142	45.7	142	46.4	136	44.1	127	40.4	
3.9	2.2	151	44.5	151	45.7	149	45.7	142	43.3	136	41.0	127	37.6	
6.7	4.4	160	45.5	158	45.9	149	42.5	142	40.3	136	38.1	127	35.0	
8.3	6.1	167	46.2	158	43.4	149	40.2	142	38.2	136	36.2	127	33.2	
10.6	8.3	171	44.3	158	40.4	149	37.5	142	35.6	136	33.7	127	31.0	
12.2	10.0	171	42.0	158	38.3	149	35.5	142	33.8	136	32.0	127	29.5	
13.9	11.7	171	39.8	158	36.3	149	33.7	142	32.1	136	30.5	127	28.1	
15.6	13.3	171	37.8	158	34.5	149	32.1	142	30.5	136	29.0	127		

REYQ456XBTJA / XBYDA Heating Capacity for Standard Condition (Tc: 46°C)

Main data table with columns for Combination, Outdoor air temp., Indoor air temp. °CDB, and Capacity (kW). Includes sub-tables for units 130, 120, 110, 100, and 90.

TC Total capacity; kW
PI Power Input; kW (Comp.+Outdoor fan motor)
Note: 1. This tables reflect performance of the outdoor unit only. And not an entire system.
2. Other factors such as indoor unit power consumption, piping losses, etc. are not included.
And actual results may vary according to conditions of use.

1. Capacity Tables (Reference Data)

1.3 Cooling Capacity for Standard Condition (Te: 43°F (6°C)) (REYQ-XBYCA)

1.3.1 Fahrenheit

REYQ72XBYCA Cooling Capacity for Standard Condition (Te: 43°F)

Combination	Outdoor air temp. °F	Indoor air temp. °F WB														
		57		61		64		67		70		72		75		
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	
%	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
23	54.9	1.54	70.4	2.03	82.0	2.42	93.6	2.82	102	3.12	103	3.13	105	3.16		
30	54.9	1.59	70.4	2.10	82.0	2.50	93.6	2.93	99.4	3.16	101	3.18	103	3.20		
40	54.9	1.67	70.4	2.20	82.0	2.62	93.6	3.17	96.1	3.22	97.6	3.24	99.7	3.26		
50	54.9	1.75	70.4	2.31	82.0	2.82	90.7	3.25	92.9	3.28	94.3	3.30	96.5	3.33		
54	54.9	1.78	70.4	2.36	82.0	2.91	89.4	3.27	91.6	3.30	93.0	3.32	95.2	3.35		
58	54.9	1.82	70.4	2.41	82.0	3.01	88.1	3.30	90.3	3.33	91.7	3.35	93.9	3.38		
62	54.9	1.86	70.4	2.49	82.0	3.11	86.8	3.32	88.9	3.35	90.4	3.37	92.6	3.40		
66	54.9	1.90	70.4	2.57	82.0	3.22	85.5	3.35	87.6	3.38	89.1	3.40	91.3	3.43		
70	54.9	1.94	70.4	2.71	82.0	3.40	84.2	3.43	86.3	3.46	87.8	3.49	90.0	3.52		
72	54.9	1.99	70.4	2.82	81.4	3.48	83.5	3.52	85.7	3.55	87.1	3.57	89.3	3.61		
75	54.9	2.10	70.4	2.98	80.4	3.61	82.5	3.65	84.7	3.68	86.2	3.71	88.3	3.74		
79	54.9	2.26	70.4	3.21	79.1	3.79	81.2	3.82	83.4	3.86	84.9	3.89	87.0	3.92		
83	54.9	2.43	70.4	3.46	77.8	3.96	79.9	4.00	82.1	4.04	83.6	4.07	85.7	4.11		
87	54.9	2.60	70.4	3.72	76.5	4.13	78.6	4.17	80.8	4.22	82.3	4.25	84.1	4.28		
91	54.9	2.79	70.4	4.00	75.2	4.31	77.3	4.35	79.5	4.40	81.0	4.43	81.1	4.43		
93	54.9	2.89	70.4	4.14	74.5	4.39	76.7	4.44	78.9	4.49	79.5	4.50	79.5	4.50		
95	54.9	2.99	70.4	4.29	73.9	4.48	76.0	4.53	77.9	4.57	78.0	4.57	78.0	4.57		
99	54.9	3.20	70.4	4.61	72.6	4.66	74.7	4.71	74.9	4.71	74.9	4.71	74.9	4.71		
103	54.9	3.43	69.1	4.78	71.3	4.84	71.8	4.85	71.8	4.85	71.8	4.85	71.8	4.85		
106	54.9	3.61	68.1	4.91	69.5	4.95	69.5	4.95	69.5	4.95	69.5	4.95	69.5	4.95		
110	54.9	3.87	66.4	5.09	66.4	5.09	66.4	5.09	66.4	5.09	66.4	5.09	66.4	5.09		
115	54.9	4.31	56.2	5.33	56.3	5.34	56.5	5.34	56.6	5.35	56.7	5.35	56.8	5.36		
118	49.0	4.55	49.1	4.56	49.3	4.56	49.4	4.57	49.5	4.58	49.6	4.58	49.7	4.59		
122	39.5	3.52	39.7	3.53	39.8	3.54	39.9	3.54	40.1	3.55	40.1	3.55	40.3	3.56		

Combination	Outdoor air temp. °F	Indoor air temp. °F WB														
		57		61		64		67		70		72		75		
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	
%	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
23	33.8	0.96	43.3	1.21	50.5	1.41	57.6	1.63	64.7	1.85	69.5	2.00	76.6	2.24		
30	33.8	0.98	43.3	1.24	50.5	1.45	57.6	1.68	64.7	1.91	69.5	2.07	76.6	2.31		
40	33.8	1.02	43.3	1.30	50.5	1.52	57.6	1.76	64.7	2.00	69.5	2.17	76.6	2.43		
50	33.8	1.06	43.3	1.36	50.5	1.59	57.6	1.84	64.7	2.10	69.5	2.28	76.6	2.55		
54	33.8	1.08	43.3	1.38	50.5	1.62	57.6	1.88	64.7	2.15	69.5	2.33	76.6	2.64		
58	33.8	1.10	43.3	1.41	50.5	1.66	57.6	1.92	64.7	2.19	69.5	2.38	76.6	2.72		
62	33.8	1.12	43.3	1.44	50.5	1.69	57.6	1.96	64.7	2.24	69.5	2.44	76.6	2.82		
66	33.8	1.14	43.3	1.46	50.5	1.73	57.6	2.00	64.7	2.29	69.5	2.53	76.6	2.91		
70	33.8	1.16	43.3	1.49	50.5	1.76	57.6	2.05	64.7	2.30	69.5	2.66	76.6	3.07		
72	33.8	1.17	43.3	1.51	50.5	1.78	57.6	2.06	64.7	2.31	69.5	2.76	76.6	3.19		
75	33.8	1.19	43.3	1.54	50.5	1.88	57.6	2.24	64.7	2.64	69.5	2.93	76.6	3.38		
79	33.8	1.24	43.3	1.66	50.5	2.02	57.6	2.41	64.7	2.84	69.5	3.15	76.6	3.65		
83	33.8	1.32	43.3	1.78	50.5	2.16	57.6	2.59	64.7	3.06	69.5	3.39	76.6	3.93		
87	33.8	1.41	43.3	1.90	50.5	2.32	57.6	2.78	64.7	3.29	69.5	3.65	76.6	4.21		
91	33.8	1.50	43.3	2.03	50.5	2.48	57.6	2.98	64.7	3.53	69.5	3.92	74.2	4.29		
93	33.8	1.55	43.3	2.10	50.5	2.57	57.6	3.09	64.7	3.66	69.5	4.06	73.5	4.37		
95	33.8	1.60	43.3	2.17	50.5	2.66	57.6	3.20	64.7	3.79	69.5	4.21	72.9	4.46		
99	33.8	1.71	43.3	2.32	50.5	2.85	57.6	3.43	64.7	4.06	69.5	4.52	71.6	4.63		
103	33.8	1.82	43.3	2.48	50.5	3.04	57.6	3.67	64.7	4.36	69.5	4.78	70.3	4.81		
106	33.8	1.90	43.3	2.60	50.5	3.20	57.6	3.86	64.7	4.59	68.0	4.91	69.3	4.94		
110	33.8	2.03	43.3	2.78	50.5	3.43	57.6	4.15	64.7	4.93	66.5	5.09	66.5	5.09		
115	33.8	2.24	43.3	3.09	50.5	3.81	56.5	4.54	56.6	5.35	56.7	5.35	56.8	5.36		
118	33.8	2.38	43.3	3.28	49.3	4.56	49.4	4.57	49.5	4.58	49.6	4.58	49.7	4.59		
122	33.8	2.57	39.7	3.53	39.8	3.54	39.9	3.54	40.1	3.55	40.1	3.55	40.3	3.56		

TC Total capacity: MBH
 PI Power Input: kW (Comp.+Outdoor fan motor)
 Note1. is shown as reference.
 2. This tables reflect performance of the outdoor unit only. And not an entire system.
 3. Other factors such as indoor unit power consumption, piping losses, etc. are not included.
 And actual results may vary according to conditions of use.

REYQ96XBYCA Cooling Capacity for Standard Condition (Te: 43°F)

Table with columns: Combination, Outdoor air temp., Indoor air temp. ° FWB (57, 61, 64, 67, 70, 72, 75), and Capacity (TC, PI, MBH, kW) for various combinations (23-122).

Table with columns: Combination, Outdoor air temp., Indoor air temp. ° FWB (57, 61, 64, 67, 70, 72, 75), and Capacity (TC, PI, MBH, kW) for various combinations (23-122).

TC Total capacity; MBH Power Input; kW (Comp.+Outdoor fan motor) Note 1. is shown as reference. 2. This tables reflect performance of the outdoor unit only. And not an entire system. 3. Other factors such as indoor unit power consumption, piping losses, etc. are not included. And actual results may vary according to conditions of use.

1. Capacity Tables (Reference Data)

REYQ120XBYCA Cooling Capacity for Standard Condition (Te: 43°F)

Table with columns for Combination, Outdoor air temp., Indoor air temp. ° FWB, and capacity values (TC, PI, MBH, kW) for various combinations (23-122) and indoor air temperatures (57-75).

Table with columns for Combination, Outdoor air temp., Indoor air temp. ° FWB, and capacity values (TC, PI, MBH, kW) for various combinations (23-122) and indoor air temperatures (57-75).

TC Total capacity; MBH Power Input; kW (Comp.+Outdoor fan motor) Note 1. is shown as reference. 2. This tables reflect performance of the outdoor unit only. And not an entire system. 3. Other factors such as indoor unit power consumption, piping losses, etc. are not included. And actual results may vary according to conditions of use.

REYQ144XBYCA Cooling Capacity for Standard Condition (Te: 43°F)

Table with columns for Outdoor air temp., Indoor air temp. ° FWB, and Capacity (MBH, kW) for various combinations of air temperatures. Includes sub-sections for 130, 120, 110, and 100 BTU/h.

Table with columns for Outdoor air temp., Indoor air temp. ° FWB, and Capacity (MBH, kW) for various combinations of air temperatures. Includes sub-sections for 80, 70, 60, and 50 BTU/h.

TC Total capacity; MBH
PI Power Input; kW (Comp.+Outdoor fan motor)
Note 1. is shown as reference.
2. This tables reflect performance of the outdoor unit only. And not an entire system.
3. Other factors such as indoor unit power consumption, piping losses, etc. are not included.
And actual results may vary according to conditions of use.

1. Capacity Tables (Reference Data)

REYQ168XBYCA Cooling Capacity for Standard Condition (Te: 43°F)

Combination	Outdoor air temp.	Indoor air temp. ° FWB																	
		57			61			64			70			72			75		
		TC	PI	MBH	TC	PI	MBH	TC	PI	MBH	TC	PI	MBH	TC	PI	MBH	TC	PI	MBH
23	122	5.05	156	6.65	182	7.92	208	9.23	226	10.2	229	10.2	234	10.3					
30	122	5.21	156	6.87	182	8.18	208	9.59	226	10.3	229	10.4	234	10.5					
40	122	5.45	156	7.20	182	8.59	208	10.4	224	11.2	228	11.3	233	11.4					
50	122	5.72	156	7.57	182	9.22	208	10.6	217	11.4	220	11.5	225	11.6					
54	122	5.83	156	7.73	182	9.53	208	10.7	214	11.5	217	11.6	222	11.7					
58	122	5.95	156	7.89	182	9.85	208	11.5	211	11.6	214	11.7	219	11.8					
62	122	6.08	156	8.14	182	10.2	208	11.6	208	11.7	211	11.8	216	11.9					
66	122	6.21	156	8.42	182	10.5	199	11.7	205	11.8	208	11.9	213	12.0					
70	122	6.34	156	8.66	182	11.1	196	12.0	201	12.1	205	12.2	207	12.3					
72	122	6.50	156	9.21	182	11.4	195	12.3	200	12.4	203	12.5	208	12.6					
75	122	6.87	156	9.75	182	11.8	193	12.7	198	12.9	201	12.9	206	13.1					
79	122	7.39	156	10.5	182	12.4	190	13.3	195	13.5	198	13.6	203	13.7					
83	122	7.94	156	11.3	181	13.8	187	14.0	192	14.1	195	14.2	200	14.3					
87	122	8.52	156	12.2	178	14.4	184	14.6	189	14.7	192	14.8	197	15.0					
91	122	9.13	156	13.1	175	15.0	180	15.2	186	15.4	189	15.5	191	15.5					
93	122	9.45	156	13.5	174	15.3	179	15.5	184	15.7	187	15.8	188	15.8					
95	122	9.78	156	14.0	172	15.6	177	15.8	182	16.0	184	16.0	184	16.0					
99	122	10.5	156	15.1	169	16.3	174	16.4	177	16.5	177	16.5	177	16.5					
103	122	11.2	156	15.6	166	16.9	169	17.0	169	17.0	169	17.0	169	17.0					
106	122	12.0	156	16.3	163	17.6	163	17.6	163	17.6	164	17.6	164	17.6					
110	122	13.0	156	18.4	156	18.4	156	18.4	156	18.4	156	18.4	156	18.4					
115	122	14.5	135	18.5	135	18.5	135	18.6	136	18.6	136	18.6	136	18.6					
118	117	15.7	117	15.7	117	15.7	118	15.7	118	15.7	118	15.8	118	15.8					
122	93.2	11.9	93.6	11.9	93.9	11.9	94.1	11.9	94.4	12.0	94.6	12.0	94.9	12.0					
23	113	4.64	144	6.08	168	7.22	192	8.41	216	9.63	225	10.2	230	10.3					
30	113	4.78	144	6.27	168	7.46	192	8.69	216	10.1	225	10.3	230	10.4					
40	113	5.00	144	6.57	168	7.83	192	9.20	216	10.5	224	11.2	229	11.3					
50	113	5.24	144	6.91	168	8.23	192	9.97	213	11.4	216	11.4	221	11.5					
54	113	5.34	144	7.05	168	8.47	192	10.3	210	11.5	213	11.5	218	11.6					
58	113	5.45	144	7.20	168	8.75	192	10.7	207	11.5	210	11.6	215	11.7					
62	113	5.56	144	7.35	168	9.05	192	10.8	204	11.6	207	11.7	212	11.8					
66	113	5.68	144	7.51	168	9.36	192	10.9	201	11.7	204	11.8	209	11.9					
70	113	5.80	144	7.90	168	9.86	192	11.2	198	12.0	201	12.1	206	12.2					
72	113	5.86	144	8.21	168	10.2	192	12.2	196	12.3	200	12.4	204	12.5					
75	113	6.18	144	8.68	168	10.9	189	12.7	194	12.8	197	12.9	202	13.0					
79	113	6.64	144	9.35	168	11.7	186	13.3	191	13.4	194	13.5	199	13.6					
83	113	7.12	144	10.1	168	12.6	183	13.9	188	14.0	191	14.1	196	14.2					
87	113	7.64	144	10.8	168	13.4	180	14.5	185	14.6	188	14.7	193	14.9					
91	113	8.18	144	11.6	168	14.0	177	15.1	182	15.2	185	15.3	190	15.5					
93	113	8.46	144	12.0	168	14.3	176	15.4	180	15.6	184	15.7	188	15.8					
95	113	8.76	144	12.5	168	14.6	174	15.7	179	15.9	182	16.0	184	16.0					
99	113	9.37	144	13.4	167	16.2	171	16.3	176	16.5	177	16.5	177	16.5					
103	113	10.0	144	14.3	164	16.8	168	17.0	169	17.0	169	17.0	169	17.0					
106	113	10.7	144	15.3	161	17.5	163	17.6	164	17.6	164	17.6	164	17.6					
110	113	11.6	144	16.7	156	18.4	156	18.4	156	18.4	156	18.4	156	18.4					
115	113	12.9	135	18.5	135	18.5	135	18.6	136	18.6	136	18.6	136	18.6					
118	113	14.7	117	15.7	117	15.7	118	15.7	118	15.7	118	15.8	118	15.8					
122	93.2	11.9	93.6	11.9	93.9	11.9	94.1	11.9	94.4	12.0	94.6	12.0	94.9	12.0					
23	103	4.24	132	5.52	154	6.54	176	7.61	198	8.71	212	9.46	226	10.2					
30	103	4.37	132	5.69	154	6.75	176	7.86	198	9.00	212	9.89	226	10.3					
40	103	4.56	132	5.96	154	7.08	176	8.25	198	9.62	210	10.5	224	11.2					
50	103	4.77	132	6.26	154	7.44	176	8.76	198	10.4	212	10.6	217	11.4					
54	103	4.86	132	6.39	154	7.60	176	9.05	198	10.7	209	11.4	214	11.5					
58	103	4.96	132	6.52	154	7.76	176	9.35	198	10.7	206	11.1	211	11.6					
62	103	5.06	132	6.66	154	7.98	176	9.67	198	10.8	203	11.6	208	11.7					
66	103	5.16	132	6.80	154	8.24	176	10.0	197	11.6	201	11.7	205	11.8					
70	103	5.27	132	6.99	154	8.64	176	10.5	194	11.9	197	12.0	202	12.1					
72	103	5.33	132	7.26	154	9.02	176	11.0	193	12.2	196	12.3	200	12.4					
75	103	5.52	132	7.68	154	9.55	176	11.6	191	12.7	193	12.8	198	12.9					
79	103	5.92	132	8.27	154	10.3	176	12.4	188	13.3	190	13.4	195	13.5					
83	103	6.35	132	8.88	154	11.1	176	12.9	185	13.9	187	14.0	192	14.1					
87	103	6.80	132	9.54	154	11.9	176	13.5	182	14.5	184	14.6	189	14.7					
91	103	7.28	132	10.2	154	12.8	174	15.0	178	15.1	181	15.2	186	15.4					
93	103	7.53	132	10.6	154	13.3	173	15.3	177	15.4	180	15.5	184	15.7					
95	103	7.79	132	11.0	154	13.7	171	15.6	175	15.7	178	15.8	183	16.0					
99	103	8.33	132	11.8	154	14.7	168	16.2	172	16.4	175	16.5	177	16.5					
103	103	8.90	132	12.6	154	15.6	165	16.8	169	17.0	169	17.0	169	17.0					
106	103	9.48	132	13.5	154	16.3	163	17.5	163	17.5	164	17.6	164	17.6					
110	103	10.3	132	14.7	154	17.2	156	18.4	156	18.4	156	18.4	156	18.4					
115	103	11.5	132	17.4	135	18.5	135	18.6	136	18.6	136	18.6	136	18.6					
118	103	12.2	117	15.7	117	15.7	118	15.7	118	15.7	118	15.8	118	15.8					
122	93.2	11.9	93.6	11.9	93.9	11.9	94.1	11.9	94.4	12.0	94.6	12.0	94.9	12.0					
23	93.9	3.96	120	4.98	140	5.88	160	6.82	180	7.80	193	8.47	213	9.48					
30	93.9	3.97	120	5.13	140	6.07	160	7.04	180	8.06	193	8.75	213	9.93					
40	93.9	4.14	120	5.37	140	6.36	160	7.39	180	8.46	193	9.28	213	10.5					
50	93.9	4.32	120	5.63	140	6.68	160	7.77	180	9.04	193	10.1	213	11.4					
54	93.9	4.40	120	5.74	140	6.81	160	7.93	180	9.34	193	10.4	210	11.4					
58	93.9	4.49	120	5.86	140	6.96	160	8.14	180	9.66	193	10.7	206	11.5					
62	93.9	4.58	120	5.98	140	7.11	160	8.41	180	9.99	193	10.8	203	11.6					
66	93.9	4.67	120	6.11	140	7.26	160	8.70	180	10.3	193	10.9	200	11.7					
70	93.9	4.76	120	6.24	140	7.57	160	9.16	180	10.9	193	11.2	197	12.0					
72	93.9	4.81	120	6.38	140	7.87	160	9.52	180	11.3	192	11.2	196	12.3					
75	93.9	4.90	120	6.74	140	8.32	160	10.1	180	11.8	190	11.2	194	12.8					
79	93.9	5.25	120	7.25	140	8.96	160	10.9	180	12.4	187	11.3	191	13.4					
83	93.9	5.63	120	7.78	140	9.64	160	11.7	180	12.9	184	11.3	188	14.0					
87	93.9	6.02	120	8.35	140	10.4	160	12.6	178	14.4	181	11.4	184	14.6					
91	93.9	6.44	120	9.05	140	11.1	160	13.5	175	15.0	178	11.4	178	15.2					
93	93.9	6.66	120	9.27	140	11.5	160	14.0	173	15.3	176	11.4	180	15.5					
95	93.9	6.88	120	9.59	140	11.9	160	14.5	172	15.6	174	11.5	178	15.8					
99	93.9	7.35	120	10.3	140	12.8	160	15.1	169	16.2	171	11.5	175	16.5					
103	93.9	7.84	120	11.0	140	13.7	160	15.7	166	16.9									

REYQ192XBYCA Cooling Capacity for Standard Condition (Te: 43°F)

Table with columns for Combination, Outdoor air temp., Indoor air temp. ° FWB (57, 61, 64, 67, 70, 72, 75), and Capacity (TC, PI, MBH, kW) for various combinations (23-122).

Table with columns for Combination, Outdoor air temp., Indoor air temp. ° FWB (57, 61, 64, 67, 70, 72, 75), and Capacity (TC, PI, MBH, kW) for various combinations (23-122).

TC Total capacity; MBH
PI Power Input; kW (Comp.+Outdoor fan motor)
Note 1. is shown as reference.
2. This tables reflect performance of the outdoor unit only. And not an entire system.
3. Other factors such as indoor unit power consumption, piping losses, etc. are not included.
And actual results may vary according to conditions of use.

REYQ216XBYCA Cooling Capacity for Standard Condition (Te: 43°F)

Combination	Outdoor air temp.	Indoor air temp. ° FWB															
		57		61		64		67		70		72		75			
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI		
	%	* FDB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	
23	30	165	5.38	211	7.08	246	8.43	281	9.83	305	10.9	309	10.9	316	11.0	309	10.9
30	40	165	5.55	211	7.31	246	8.71	281	10.2	298	11.0	302	11.1	309	11.2	309	11.0
40	50	165	5.81	211	7.67	246	9.15	281	11.0	288	11.2	293	11.3	299	11.4	299	11.4
50	58	165	6.09	211	8.06	246	9.82	272	11.3	279	11.4	283	11.5	289	11.6	289	11.6
54	62	165	6.21	211	8.23	246	10.1	268	11.4	275	11.5	279	11.6	286	11.7	286	11.7
58	66	165	6.34	211	8.41	246	10.5	264	11.5	271	11.6	275	11.7	282	11.8	282	11.8
62	70	165	6.47	211	8.67	246	10.9	260	11.6	267	11.7	271	11.8	278	11.9	278	11.9
66	75	165	6.61	211	8.97	246	11.2	256	11.7	263	11.8	267	11.8	274	12.0	274	12.0
70	80	165	6.76	211	9.44	246	11.8	253	12.0	259	12.1	263	12.1	270	12.3	270	12.3
72	85	165	6.93	211	9.81	246	12.1	251	12.3	257	12.4	261	12.5	268	12.6	268	12.6
75	90	165	7.32	211	10.4	241	12.6	248	12.7	254	12.8	259	12.9	265	13.0	265	13.0
79	95	165	7.87	211	11.2	237	13.2	244	13.3	250	13.5	255	13.5	261	13.7	261	13.7
83	100	165	8.45	211	12.0	233	13.8	240	13.9	246	14.1	251	14.2	257	14.3	257	14.3
87	105	165	9.07	211	13.0	229	14.4	236	14.5	242	14.7	247	14.8	253	14.9	253	14.9
91	110	165	9.72	211	13.9	226	15.0	232	15.2	239	15.3	243	15.4	248	15.5	248	15.5
93	115	165	10.1	211	14.4	224	15.3	230	15.5	237	15.6	241	15.7	241	15.8	241	15.8
95	120	165	10.4	211	15.0	222	15.6	228	15.8	235	16.0	237	16.0	237	16.0	237	16.0
99	125	165	11.2	211	16.0	218	16.2	224	16.4	227	16.5	227	16.5	227	16.5	227	16.5
103	130	165	11.9	207	16.7	214	16.8	217	17.0	217	17.0	217	17.0	217	17.0	217	17.0
106	135	165	12.7	204	17.3	210	17.5	210	17.5	210	17.5	210	17.5	210	17.5	210	17.5
110	140	165	13.9	200	18.3	200	18.3	201	18.3	201	18.3	201	18.3	201	18.3	201	18.3
115	145	165	15.5	173	18.5	174	18.5	174	18.5	174	18.5	174	18.5	174	18.5	174	18.5
118	150	165	16.2	173	18.5	174	18.5	174	18.5	174	18.5	174	18.5	174	18.5	174	18.5
122	155	165	17.5	160	19.2	170	19.2	170	19.2	170	19.2	170	19.2	170	19.2	170	19.2

Combination	Outdoor air temp.	Indoor air temp. ° FWB															
		57		61		64		67		70		72		75			
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI		
	%	* FDB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	
23	30	101	3.34	130	4.21	151	4.92	173	5.67	194	6.45	209	6.98	230	7.80	230	7.80
30	40	101	3.42	130	4.33	151	5.07	173	5.84	194	6.65	209	7.21	230	8.06	230	8.06
40	50	101	3.56	130	4.52	151	5.30	173	6.12	194	6.97	209	7.56	230	8.46	230	8.46
50	58	101	3.70	130	4.73	151	5.55	173	6.42	194	7.32	209	7.94	230	8.90	230	8.90
54	62	101	3.76	130	4.81	151	5.66	173	6.55	194	7.48	209	8.11	230	9.19	230	9.19
58	66	101	3.83	130	4.91	151	5.77	173	6.69	194	7.63	209	8.28	230	9.49	230	9.49
62	70	101	3.90	130	5.00	151	5.89	173	6.83	194	7.80	209	8.52	230	9.82	230	9.82
66	75	101	3.97	130	5.10	151	6.02	173	6.98	194	7.97	209	8.80	230	10.2	230	10.2
70	80	101	4.05	130	5.21	151	6.15	173	7.13	194	8.37	209	9.27	230	10.7	230	10.7
72	85	101	4.08	130	5.26	151	6.21	173	7.39	194	8.70	209	9.63	230	11.1	230	11.1
75	90	101	4.14	130	5.38	151	6.54	173	7.81	194	9.20	209	10.2	230	11.8	230	11.8
79	95	101	4.30	130	5.77	151	7.02	173	8.40	194	9.91	209	11.0	230	12.7	230	12.7
83	100	101	4.60	130	6.19	151	7.54	173	9.03	194	10.7	209	11.8	230	13.7	230	13.7
87	105	101	4.91	130	6.62	151	8.08	173	9.69	194	11.5	209	12.7	226	14.3	226	14.3
91	110	101	5.24	130	7.08	151	8.66	173	10.4	194	12.3	209	13.7	223	14.9	223	14.9
93	115	101	5.41	130	7.32	151	8.96	173	10.8	194	12.7	209	14.2	221	15.2	221	15.2
95	120	101	5.58	130	7.57	151	9.27	173	11.1	194	13.2	209	14.7	219	15.5	219	15.5
99	125	101	5.94	130	8.08	151	9.92	173	11.9	194	14.2	209	15.7	215	16.1	215	16.1
103	130	101	6.33	130	8.63	151	10.6	173	12.8	194	15.2	207	16.6	211	16.8	211	16.8
106	135	101	6.72	130	9.19	151	11.3	173	13.6	194	16.2	204	17.3	208	17.5	208	17.5
110	140	101	7.29	130	10.00	151	12.1	173	14.9	194	17.7	200	18.3	201	18.3	201	18.3
115	145	101	8.06	130	11.1	151	13.7	173	16.6	174	18.5	175	18.6	175	18.6	175	18.6
118	150	101	8.55	130	11.8	151	15.7	173	15.7	152	15.7	152	15.7	152	15.7	152	15.7
122	155	101	9.23	120	11.9	121	11.9	121	11.9	121	11.9	121	11.9	121	11.9	121	11.9
23	30	88.7	2.98	114	3.71	132	4.29	151	4.92	170	5.57	182	6.01	201	6.70	201	6.70
30	40	88.7	3.05	114	3.81	132	4.42	151	5.06	170	5.74	182	6.20	201	6.92	201	6.92
40	50	88.7	3.16	114	3.96	132	4.61	151	5.29	170	6.01	182	6.50	201	7.26	201	7.26
50	58	88.7	3.28	114	4.13	132	4.82	151	5.54	170	6.30	182	6.82	201	7.63	201	7.63
54	62	88.7	3.33	114	4.21	132	4.91	151	5.65	170	6.43	182	6.96	201	7.78	201	7.78
58	66	88.7	3.39	114	4.28	132	5.00	151	5.77	170	6.56	182	7.11	201	7.95	201	7.95
62	70	88.7	3.44	114	4.36	132	5.10	151	5.88	170	6.70	182	7.26	201	8.12	201	8.12
66	75	88.7	3.50	114	4.45	132	5.21	151	6.01	170	6.85	182	7.42	201	8.36	201	8.36
70	80	88.7	3.57	114	4.53	132	5.32	151	6.14	170	7.00	182	7.67	201	8.60	201	8.60
72	85	88.7	3.60	114	4.58	132	5.37	151	6.21	170	7.22	182	7.96	201	9.14	201	9.14
75	90	88.7	3.65	114	4.65	132	5.51	151	6.53	170	7.63	182	8.42	201	9.68	201	9.68
79	95	88.7	3.72	114	4.91	132	5.91	151	7.01	170	8.21	182	9.06	201	10.4	201	10.4
83	100	88.7	3.97	114	5.25	132	6.34	151	7.53	170	8.82	182	9.75	201	11.2	201	11.2
87	105	88.7	4.24	114	5.62	132	6.78	151	8.07	170	9.47	182	10.5	201	12.1	201	12.1
91	110	88.7	4.51	114	6.00	132	7.26	151	8.64	170	10.2	182	11.2	201	13.0	201	13.0
93	115	88.7	4.65	114	6.20	132	7.50	151	8.94	170	10.5	182	11.6	201	13.4	201	13.4
95	120	88.7	4.80	114	6.40	132	7.76	151	9.25	170	10.9	182	12.0	201	13.9	201	13.9
99	125	88.7	5.11	114	6.83	132	8.29	151	9.90	170	11.7	182	12.9	201	14.9	201	14.9
103	130	88.7	5.43	114	7.28	132	8.85	151	10.6	170	12.5	182	13.8	201	16.0	201	16.0
106	135	88.7	5.76	114	7.74	132	9.43	151	11.3	170	13.3	182	14.8	201	17.1	201	17.1

REYQ240XBYCA Cooling Capacity for Standard Condition (Te: 43°F)

Table with columns for Combination, Outdoor air temp., Indoor air temp. ° FWB, and capacity values (TC, PI, MBH, kW) for various conditions (57, 61, 64, 67, 70, 72, 75).

Table with columns for Combination, Outdoor air temp., Indoor air temp. ° FWB, and capacity values (TC, PI, MBH, kW) for various conditions (57, 61, 64, 67, 70, 72, 75).

TC Total capacity; MBH
PI Power Input; kW (Comp.+Outdoor fan motor)
Note 1. is shown as reference.
2. This tables reflect performance of the outdoor unit only. And not an entire system.
3. Other factors such as indoor unit power consumption, piping losses, etc. are not included.
And actual results may vary according to conditions of use.

1. Capacity Tables (Reference Data)

REYQ264XBYCA Cooling Capacity for Standard Condition (Te: 43°F)

Combination	Outdoor air temp.	Indoor air temp. ° FWB													
		57		61		64		67		70		72		75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
23	201	7.24	258	9.53	301	11.3	343	13.2	373	14.6	378	14.7	378	14.8	
30	201	7.46	258	9.84	301	11.7	343	13.7	364	14.8	370	14.9	378	15.0	
40	201	7.81	258	10.3	301	12.3	343	14.9	352	15.1	358	15.2	366	15.3	
50	201	8.19	258	10.8	301	13.2	333	15.2	340	15.4	346	15.5	354	15.6	
54	201	8.36	258	11.1	301	13.7	328	15.3	336	15.5	341	15.6	349	15.7	
58	201	8.53	258	11.3	301	14.1	323	15.5	331	15.6	336	15.7	344	15.8	
62	201	8.71	258	11.7	301	14.6	318	15.6	326	15.7	331	15.8	339	16.0	
66	201	8.89	258	12.1	301	15.1	313	15.7	321	15.8	327	15.9	335	16.1	
70	201	9.09	258	12.7	301	15.9	309	16.1	317	16.2	322	16.3	330	16.5	
72	201	9.32	258	13.2	298	16.3	306	16.5	314	16.6	320	16.8	327	16.9	
75	201	9.58	258	14.0	295	16.9	303	17.1	311	17.3	316	17.4	324	17.5	
79	201	10.6	258	15.1	290	17.7	298	17.9	306	18.1	311	18.2	319	18.4	
83	201	11.4	258	16.2	285	18.6	293	18.7	301	18.9	306	19.1	314	19.2	
87	201	12.2	258	17.4	280	19.4	288	19.6	296	19.8	302	19.9	310	20.1	
91	201	13.1	258	18.7	276	20.2	284	20.4	292	20.6	297	20.8	301	20.9	
93	201	13.5	258	19.4	273	20.6	281	20.8	289	21.0	294	21.2	295	21.2	
95	201	14.0	258	20.1	271	21.0	279	21.2	287	21.5	289	21.5	291	21.5	
99	201	15.0	258	21.6	266	21.8	274	22.1	277	22.2	277	22.2	277	22.2	
103	201	16.1	253	22.4	261	22.7	266	22.8	266	22.8	266	22.8	266	22.8	
106	201	17.1	250	23.3	257	23.6	257	23.6	257	23.6	257	23.6	257	23.6	
110	201	18.7	245	24.6	245	24.6	245	24.6	245	24.6	245	24.6	245	24.7	
115	201	20.8	212	24.9	212	24.9	213	24.9	213	25.0	214	25.0	214	25.0	
118	183	21.0	184	21.1	184	21.1	185	21.1	185	21.1	186	21.2	186	21.2	
122	146	15.9	147	16.0	148	16.0	148	16.0	149	16.1	149	16.1	149	16.1	
23	186	6.65	238	8.71	278	10.3	317	12.1	356	13.8	372	14.6	379	14.7	
30	186	6.85	238	8.98	278	10.7	317	12.5	356	14.5	364	14.8	371	14.9	
40	186	7.16	238	9.42	278	11.2	317	13.2	347	15.0	352	15.1	359	15.2	
50	186	7.51	238	9.89	278	11.8	317	14.3	335	15.3	340	15.4	347	15.5	
54	186	7.65	238	10.1	278	12.1	317	14.8	330	15.4	335	15.5	342	15.6	
58	186	7.81	238	10.3	278	12.5	317	15.3	325	15.5	330	15.6	338	15.7	
62	186	7.97	238	10.5	278	13.0	313	15.5	321	15.6	325	15.7	333	15.8	
66	186	8.14	238	10.8	278	13.4	308	15.6	316	15.7	321	15.8	328	16.0	
70	186	8.31	238	11.3	278	14.1	304	16.0	311	16.1	316	16.2	323	16.4	
72	186	8.40	238	11.8	278	14.7	301	16.4	309	16.5	314	16.6	321	16.8	
75	186	8.85	238	12.4	278	15.6	298	17.0	305	17.2	310	17.3	317	17.4	
79	186	9.51	238	13.4	278	16.8	293	17.8	300	18.0	305	18.1	313	18.2	
83	186	10.2	238	14.4	278	18.1	288	18.6	296	18.8	300	18.9	308	19.1	
87	186	10.9	238	15.5	278	19.3	283	19.4	291	19.6	296	19.8	303	19.9	
91	186	11.7	238	16.6	271	20.1	279	20.3	286	20.5	291	20.6	298	20.8	
93	186	12.1	238	17.2	269	20.5	276	20.7	284	20.9	289	21.0	295	21.2	
95	186	12.5	238	17.9	267	20.9	274	21.1	281	21.3	286	21.4	289	21.5	
99	186	13.4	238	19.1	262	21.7	269	21.9	276	22.1	277	22.2	277	22.2	
103	186	14.4	238	20.5	257	22.5	264	22.8	266	22.8	266	22.8	266	22.8	
106	186	15.3	238	21.9	253	23.5	257	23.6	257	23.6	257	23.6	257	23.6	
110	186	16.7	238	24.0	245	24.6	245	24.6	245	24.6	245	24.6	245	24.7	
115	186	18.5	212	24.9	212	24.9	213	24.9	213	25.0	214	25.0	214	25.0	
118	183	21.0	184	21.1	184	21.1	185	21.1	185	21.1	186	21.2	186	21.2	
122	146	15.9	147	16.0	148	16.0	148	16.0	149	16.1	149	16.1	149	16.1	
23	170	6.08	218	7.91	254	9.37	290	10.9	326	12.5	350	14.2	364	14.8	
30	170	6.26	218	8.16	254	9.68	290	11.3	326	12.9	350	14.6	364	15.0	
40	170	6.53	218	8.54	254	10.1	290	11.8	326	13.8	346	15.0	353	15.1	
50	170	6.84	218	8.97	254	10.7	290	12.6	326	14.9	334	15.3	341	15.4	
54	170	6.97	218	9.15	254	10.9	290	13.0	325	15.3	329	15.4	336	15.5	
58	170	7.11	218	9.34	254	11.1	290	13.4	320	15.4	324	15.5	331	15.6	
62	170	7.25	218	9.54	254	11.4	290	13.9	315	15.5	320	15.6	326	15.7	
66	170	7.40	218	9.75	254	11.8	290	14.3	310	15.6	315	15.7	321	15.8	
70	170	7.56	218	10.0	254	12.4	290	15.1	305	16.0	310	16.1	317	16.2	
72	170	7.64	218	10.4	254	12.9	290	15.7	303	16.4	308	16.5	314	16.6	
75	170	7.91	218	11.0	254	13.7	290	16.6	300	17.0	304	17.1	311	17.3	
79	170	8.49	218	11.8	254	14.7	288	17.7	295	17.8	299	17.9	306	18.1	
83	170	9.10	218	12.7	254	15.9	283	18.5	290	18.7	294	18.8	301	18.9	
87	170	9.75	218	13.7	254	17.1	278	19.3	285	19.5	290	19.6	296	19.8	
91	170	10.4	218	14.7	254	18.3	274	20.1	280	20.3	285	20.4	292	20.6	
93	170	10.8	218	15.2	254	19.0	271	20.5	278	20.7	283	20.9	289	21.0	
95	170	11.2	218	15.7	254	19.7	269	21.0	276	21.1	280	21.3	287	21.5	
99	170	11.9	218	16.9	254	21.1	264	21.8	271	22.0	275	22.1	277	22.2	
103	170	12.7	218	18.1	253	22.4	259	22.6	266	22.8	269	22.8	270	22.8	
106	170	13.6	218	19.3	249	23.3	256	23.5	267	23.6	267	23.6	267	23.6	
110	170	14.8	218	21.0	244	24.6	245	24.6	245	24.6	245	24.6	245	24.7	
115	170	16.4	212	24.9	212	24.9	213	24.9	213	25.0	214	25.0	214	25.0	
118	170	17.5	184	21.1	184	21.1	185	21.1	185	21.1	186	21.2	186	21.2	
122	146	15.9	147	16.0	148	16.0	148	16.0	149	16.1	149	16.1	149	16.1	
23	155	5.53	199	7.13	231	8.42	264	9.77	297	11.2	319	12.1	351	13.6	
30	155	5.69	199	7.35	231	8.69	264	10.1	297	11.5	319	12.5	351	14.2	
40	155	5.93	199	7.69	231	9.11	264	10.6	297	12.1	319	13.3	346	15.0	
50	155	6.20	199	8.06	231	9.57	264	11.1	297	13.0	319	14.4	334	15.3	
54	155	6.31	199	8.23	231	9.76	264	11.4	297	13.4	319	14.9	329	15.4	
58	155	6.43	199	8.39	231	9.97	264	11.7	297	13.8	318	15.4	324	15.5	
62	155	6.56	199	8.57	231	10.2	264	12.1	297	14.3	314	15.5	320	15.6	
66	155	6.69	199	8.75	231	10.4	264	12.5	297	14.8	309	15.6	315	15.7	
70	155	6.82	199	8.94	231	10.9	264	13.1	297	15.6	304	16.0	310	16.1	
72	155	6.89	199	9.14	231	11.3	264	13.6	297	16.2	302	16.4	308	16.5	
75	155	7.02	199	9.66	231	11.9	264	14.4	294	16.9	298	17.0	304	17.1	
79	155	7.53	199	10.4	231	12.8	264	15.6	289	17.7	293	17.8	299	18.0	
83	155	8.06	199	11.2	231	13.8	264	16.8	284	18.5	289	18.6	295	18.8	
87	155	8.63	199	12.0	231	14.8	264	18.0	280	19.3	284	19.5	290	19.6	
91	155	9.23	199	12.8	231	15.9	264	19.4	275	20.2	279	20.3	285	20.4	
93	155	9.54	199	13.3	231	16.5	264	20.1	273	20.6	277	20.7	283	20.9	
95	155	9.86	199	13.7	231	17.1	264	20.8	270	21.0	274	21.1	280	21.3	
99	155	10.5	199	14.7	231	18.3	259	21.6	265	21.8	269	21.9	276	22.1	
103	155	11.2	199	15.7	231	19.6	254	22.4	261	22.6	265	22.8	266	22.8	
106	155	12													

REYQ288XBYCA Cooling Capacity for Standard Condition (Te: 43°F)

Table with columns for Outdoor air temp., Indoor air temp. ° FWB, and Capacity (MBH, kW) for various combinations of indoor and outdoor temperatures. Includes sub-sections for 130, 120, 110, and 100 BTU/h.

Table with columns for Outdoor air temp., Indoor air temp. ° FWB, and Capacity (MBH, kW) for various combinations of indoor and outdoor temperatures. Includes sub-sections for 80, 70, 60, and 50 BTU/h.

TC Total capacity; MBH
PI Power Input; kW (Comp.+Outdoor fan motor)
Note 1. is shown as reference.
2. This tables reflect performance of the outdoor unit only. And not an entire system.
3. Other factors such as indoor unit power consumption, piping losses, etc. are not included.
And actual results may vary according to conditions of use.

1. Capacity Tables (Reference Data)

REYQ312XBYCA Cooling Capacity for Standard Condition (Te: 43°F)

Table with columns: Combination, Outdoor air temp., Indoor air temp. ° FWB (57, 61, 64, 67, 70, 72, 75), and Capacity (TC, PI, MBH, kW).

Table with columns: Combination, Outdoor air temp., Indoor air temp. ° FWB (57, 61, 64, 67, 70, 72, 75), and Capacity (TC, PI, MBH, kW).

TC Total capacity; MBH Power Input; kW (Comp.+Outdoor fan motor) Note1. is shown as reference. 2. This tables reflect performance of the outdoor unit only. And not an entire system. 3. Other factors such as indoor unit power consumption, piping losses, etc. are not included. And actual results may vary according to conditions of use.

REYQ336XBYCA Cooling Capacity for Standard Condition (Te: 43°F)

Table with columns: Combination, Outdoor air temp., Indoor air temp. ° FWB (57, 61, 64, 67, 70, 72, 75), and Capacity (TC, PI, MBH, kW) for various combinations.

Table with columns: Combination, Outdoor air temp., Indoor air temp. ° FWB (57, 61, 64, 67, 70, 72, 75), and Capacity (TC, PI, MBH, kW) for various combinations.

TC Total capacity; MBH
PI Power Input; kW (Comp.+Outdoor fan motor)
Note 1. is shown as reference.
2. This tables reflect performance of the outdoor unit only. And not an entire system.
3. Other factors such as indoor unit power consumption, piping losses, etc. are not included.
And actual results may vary according to conditions of use.

1. Capacity Tables (Reference Data)

REYQ360XBYCA Cooling Capacity for Standard Condition (Te: 43°F)

Table with columns: Combination, Outdoor air temp., Indoor air temp. ° FWB (57, 61, 64, 67, 70, 72, 75), and Capacity (TC, PI, MBH, kW).

Table with columns: Combination, Outdoor air temp., Indoor air temp. ° FWB (57, 61, 64, 67, 70, 72, 75), and Capacity (TC, PI, MBH, kW).

TC Total capacity; MBH
PI Power Input; kW (Comp.+Outdoor fan motor)
Note 1. is shown as reference.
2. This tables reflect performance of the outdoor unit only. And not an entire system.
3. Other factors such as indoor unit power consumption, piping losses, etc. are not included.
And actual results may vary according to conditions of use.

REYQ384XBYCA Cooling Capacity for Standard Condition (Te: 43°F)

Table with columns: Combination, Outdoor air temp., Indoor air temp. ° FWB (57, 61, 64, 67, 70, 72, 75), and Capacity (TC, PI, MBH, kW) for various combinations.

Table with columns: Combination, Outdoor air temp., Indoor air temp. ° FWB (57, 61, 64, 67, 70, 72, 75), and Capacity (TC, PI, MBH, kW) for various combinations.

TC Total capacity; MBH
PI Power Input; kW (Comp.+Outdoor fan motor)
Note 1. is shown as reference.
2. This tables reflect performance of the outdoor unit only. And not an entire system.
3. Other factors such as indoor unit power consumption, piping losses, etc. are not included.
And actual results may vary according to conditions of use.

1. Capacity Tables (Reference Data)

REYQ408XBYCA Cooling Capacity for Standard Condition (Te: 43°F)

Combination	Outdoor air temp.	Indoor air temp. ° FWB													
		57		61		64		67		70		72		75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	* FDB	MBH : kW	MBH : kW	MBH : kW	MBH : kW	MBH : kW	MBH : kW	MBH : kW	MBH : kW	MBH : kW	MBH : kW	MBH : kW	MBH : kW	MBH : kW	
23	310	11.2	397	14.7	462	17.5	528	20.4	573	21.9	581	21.4	584	20.7	
30	310	11.5	397	15.2	462	18.1	528	21.1	563	22.1	571	21.6	584	20.8	
40	310	12.0	397	15.9	462	19.0	528	22.1	545	21.8	553	21.2	565	20.4	
50	310	12.6	397	16.7	462	20.0	514	22.3	526	21.5	534	20.9	547	20.0	
54	310	12.9	397	17.1	462	20.4	506	22.2	519	21.3	527	20.7	539	20.6	
58	310	13.2	397	17.4	462	20.8	499	22.1	511	21.6	520	21.7	532	21.9	
62	310	13.4	397	17.8	462	21.3	492	22.7	504	22.9	512	23.0	525	23.2	
66	310	13.7	397	18.2	462	21.7	484	23.9	497	24.2	505	24.3	517	24.5	
70	310	14.0	397	18.6	462	22.4	477	25.2	489	25.4	497	25.6	510	25.8	
72	310	14.4	397	20.3	461	25.6	473	25.8	486	26.1	494	26.3	506	26.5	
75	310	15.2	397	21.5	455	26.5	468	26.8	480	27.1	488	27.2	501	27.5	
79	310	16.3	397	23.2	448	27.8	460	28.1	473	28.4	481	28.5	493	28.8	
83	310	17.4	397	25.0	441	29.1	453	29.4	465	29.7	474	29.9	486	30.2	
87	310	18.8	397	26.9	433	30.3	446	30.7	458	31.0	466	31.2	478	31.5	
91	310	20.2	397	28.9	426	31.6	438	32.0	451	32.3	459	32.5	465	32.7	
93	310	20.9	397	29.9	422	32.3	435	32.6	447	33.0	455	33.2	466	33.2	
95	310	21.6	397	31.0	419	32.9	431	33.3	443	33.6	451	33.7	461	33.7	
99	310	23.1	397	33.3	411	34.2	424	34.6	429	34.7	437	34.8	449	34.8	
103	310	24.8	397	35.1	404	35.5	410	35.7	411	35.7	411	35.7	411	35.7	
106	310	26.4	386	36.6	397	36.9	397	36.9	397	36.9	397	37.0	397	37.0	
110	310	28.8	379	38.6	379	38.6	379	38.6	379	38.6	379	38.6	379	38.6	
115	310	32.1	327	39.0	328	39.0	329	39.1	329	39.1	330	39.1	330	39.2	
118	283	32.9	284	33.0	285	33.0	286	33.1	286	33.1	287	33.1	288	33.2	
122	226	25.0	227	25.0	228	25.1	229	25.1	229	25.1	230	25.2	230	25.2	

Combination	Outdoor air temp.	Indoor air temp. ° FWB													
		57		61		64		67		70		72		75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	* FDB	MBH : kW	MBH : kW	MBH : kW	MBH : kW	MBH : kW	MBH : kW	MBH : kW	MBH : kW	MBH : kW	MBH : kW	MBH : kW	MBH : kW	MBH : kW	
23	191	6.93	244	8.74	285	10.2	325	11.8	365	13.4	392	14.5	432	16.2	
30	191	7.10	244	8.99	285	10.5	325	12.1	365	13.8	392	15.0	432	16.7	
40	191	7.38	244	9.38	285	11.0	325	12.7	365	14.5	392	15.7	432	17.5	
50	191	7.68	244	9.80	285	11.5	325	13.3	365	15.2	392	16.5	432	18.5	
54	191	7.81	244	9.99	285	11.7	325	13.6	365	15.5	392	16.8	432	18.8	
58	191	7.95	244	10.2	285	12.0	325	13.9	365	15.8	392	17.2	432	19.2	
62	191	8.09	244	10.4	285	12.2	325	14.2	365	16.2	392	17.6	432	19.7	
66	191	8.24	244	10.6	285	12.5	325	14.5	365	16.5	392	17.9	432	20.5	
70	191	8.39	244	10.8	285	12.8	325	14.8	365	17.4	392	19.2	432	22.2	
72	191	8.47	244	10.9	285	12.9	325	15.3	365	18.0	392	20.0	432	23.1	
75	191	8.60	244	11.2	285	13.6	325	16.2	365	19.1	392	21.1	432	24.4	
79	191	8.93	244	12.0	285	14.6	325	17.4	365	20.6	392	22.8	432	26.4	
83	191	9.54	244	12.8	285	15.6	325	18.7	365	22.1	392	24.5	432	28.4	
87	191	10.2	244	13.7	285	16.8	325	20.1	365	23.8	392	26.4	428	30.2	
91	191	10.9	244	14.7	285	18.0	325	21.6	365	25.5	392	28.3	420	31.5	
93	191	11.2	244	15.2	285	18.6	325	22.3	365	26.4	392	29.4	417	32.1	
95	191	11.6	244	15.7	285	19.2	325	23.1	365	27.4	392	30.4	413	32.8	
99	191	12.3	244	16.8	285	20.6	325	24.8	365	29.4	392	32.7	406	34.0	
103	191	13.1	244	17.9	285	22.0	325	26.5	365	31.5	391	35.1	398	35.3	
106	191	13.9	244	19.1	285	23.4	325	28.3	365	33.6	385	36.5	393	36.8	
110	191	15.1	244	20.7	285	25.6	325	30.9	365	36.7	378	38.6	379	38.6	
115	191	16.7	244	23.0	285	28.4	325	34.4	329	39.1	330	39.1	330	39.2	
118	191	17.7	244	24.5	285	32.5	286	33.1	286	33.1	287	33.1	288	33.2	
122	191	19.2	227	25.0	226	25.1	226	25.1	226	25.1	226	25.1	226	25.1	

TC Total capacity ; MBH
 PI Power Input ; kW (Comp.+Outdoor fan motor)
 Note1. is shown as reference.
 2. This tables reflect performance of the outdoor unit only. And not an entire system.
 3. Other factors such as indoor unit power consumption, piping losses, etc. are not included.
 And actual results may vary according to conditions of use.

REYQ432XBYCA Cooling Capacity for Standard Condition (Te: 43°F)

Table with columns: Combination, Outdoor air temp., Indoor air temp. ° FWB (57, 61, 64, 67, 70, 72, 75), and Capacity (MBH, kW) for various combinations.

Table with columns: Combination, Outdoor air temp., Indoor air temp. ° FWB (57, 61, 64, 67, 70, 72, 75), and Capacity (MBH, kW) for various combinations.

1. Capacity Tables (Reference Data)

TC Total capacity; MBH
PI Power Input; kW (Comp.+Outdoor fan motor)
Note 1. is shown as reference.
2. This tables reflect performance of the outdoor unit only. And not an entire system.
3. Other factors such as indoor unit power consumption, piping losses, etc. are not included.
And actual results may vary according to conditions of use.

1.3.2 Celsius

REYQ72XBYCA Cooling Capacity for Standard Condition (Te: 6°C)

Combination	Outdoor air temp.	Indoor air temp. °CDB																											
		13.9			16.1			17.8			19.4			21.1			22.2			23.9									
		TC	PI	KW	TC	PI	KW	TC	PI	KW	TC	PI	KW	TC	PI	KW	TC	PI	KW	TC	PI	KW	TC	PI	KW				
-5.0	16.1	1.54	20.6	2.03	24.0	2.42	27.4	2.82	29.8	3.12	30.2	3.13	30.8	3.16	16.1	1.59	20.6	2.10	24.0	2.50	27.4	2.93	29.1	3.16	29.5	3.18	30.2	3.20	
4.4	16.1	1.67	20.6	2.20	24.0	2.62	27.4	3.17	28.2	3.22	28.6	3.24	29.2	3.26	10.0	1.75	20.6	2.31	24.0	2.82	26.6	3.25	27.2	3.28	27.6	3.30	28.3	3.33	
12.2	16.1	1.78	20.6	2.36	24.0	2.91	26.2	3.27	26.8	3.30	27.3	3.32	27.9	3.35	14.4	1.82	20.6	2.41	24.0	3.01	25.8	3.30	26.4	3.33	26.9	3.35	27.5	3.38	
16.7	16.1	1.86	20.6	2.49	24.0	3.11	25.4	3.32	26.1	3.35	26.5	3.37	27.1	3.40	18.9	1.90	20.6	2.57	24.0	3.22	25.1	3.35	25.7	3.38	26.1	3.40	26.7	3.43	
21.1	16.1	1.94	20.6	2.71	24.0	3.40	24.7	3.43	25.3	3.46	25.7	3.49	26.4	3.52	21.1	1.99	20.6	2.82	23.8	3.48	24.5	3.52	25.1	3.55	25.5	3.57	26.2	3.61	
23.9	16.1	2.10	20.6	2.98	23.6	3.61	24.2	3.65	24.8	3.68	25.3	3.71	25.9	3.74	26.1	1.99	20.6	3.21	23.2	3.79	23.8	3.62	24.4	3.66	24.9	3.69	25.5	3.72	
28.3	16.1	2.43	20.6	3.46	22.8	3.96	23.4	4.00	24.1	4.04	24.5	4.07	25.1	4.11	30.6	1.61	2.60	3.72	22.0	4.13	23.0	4.17	23.7	4.22	24.1	4.25	24.7	4.28	
32.8	16.1	2.79	20.6	4.00	22.0	4.31	22.7	4.35	23.3	4.40	23.7	4.43	23.8	4.43	33.9	1.61	2.89	4.14	21.8	4.39	22.5	4.44	23.1	4.49	23.3	4.50	23.3	4.50	
35.0	16.1	2.99	20.6	4.29	21.6	4.48	22.3	4.53	22.8	4.57	22.8	4.57	22.9	4.57	37.2	1.61	3.20	4.61	21.4	4.61	21.9	4.71	21.9	4.71	21.9	4.71	22.0	4.71	
39.4	16.1	3.43	20.3	4.78	20.9	4.84	21.0	4.85	21.0	4.85	21.0	4.85	21.0	4.85	41.1	1.61	3.61	5.09	19.5	5.09	19.5	5.09	19.5	5.09	19.5	5.09	19.5	5.09	
43.3	16.1	3.87	19.5	5.09	19.5	5.09	19.5	5.09	19.5	5.09	19.5	5.09	19.5	5.09	46.1	1.61	4.31	16.5	5.33	16.5	5.34	16.6	5.35	16.6	5.35	16.6	5.35	16.6	5.36
47.8	14.4	4.55	14.4	4.56	14.4	4.56	14.4	4.56	14.5	4.57	14.5	4.58	14.5	4.58	47.8	1.61	4.55	14.4	4.56	14.4	4.56	14.5	4.57	14.5	4.58	14.5	4.58	14.6	4.59
50.0	11.6	3.52	11.6	3.53	11.7	3.54	11.7	3.54	11.7	3.55	11.8	3.55	11.8	3.56															

Combination	Outdoor air temp.	Indoor air temp. °CDB																											
		13.9			16.1			17.8			19.4			21.1			22.2			23.9									
		TC	PI	KW	TC	PI	KW	TC	PI	KW	TC	PI	KW	TC	PI	KW	TC	PI	KW	TC	PI	KW	TC	PI	KW				
-5.0	9.91	0.96	12.7	1.21	14.8	1.41	16.9	1.63	19.0	1.85	20.4	2.00	22.5	2.24	16.7	0.91	1.12	12.7	1.44	14.8	1.69	16.9	1.96	19.0	2.24	20.4	2.44	22.5	2.82
4.4	9.91	1.02	12.7	1.30	14.8	1.52	16.9	1.76	19.0	2.00	20.4	2.17	22.5	2.43	21.1	0.91	1.16	12.7	1.49	14.8	1.76	16.9	2.05	19.0	2.40	20.4	2.66	22.5	3.07
10.0	9.91	1.06	12.7	1.36	14.8	1.59	16.9	1.84	19.0	2.10	20.4	2.28	22.5	2.55	22.2	0.91	1.17	12.7	1.51	14.8	1.78	16.9	2.12	19.0	2.50	20.4	2.76	22.5	3.19
12.2	9.91	1.08	12.7	1.38	14.8	1.62	16.9	1.88	19.0	2.15	20.4	2.33	22.5	2.64	23.9	0.91	1.19	12.7	1.54	14.8	1.88	16.9	2.24	19.0	2.64	20.4	2.93	22.5	3.38
14.4	9.91	1.10	12.7	1.41	14.8	1.66	16.9	1.92	19.0	2.19	20.4	2.38	22.5	2.72	26.1	0.91	1.24	12.7	1.66	14.8	2.02	16.9	2.41	19.0	2.84	20.4	3.15	22.5	3.65
16.7	9.91	1.12	12.7	1.44	14.8	1.69	16.9	1.96	19.0	2.24	20.4	2.44	22.5	2.82	28.3	0.91	1.32	12.7	1.78	14.8	2.16	16.9	2.59	19.0	3.06	20.4	3.39	22.5	3.93
18.9	9.91	1.14	12.7	1.46	14.8	1.73	16.9	2.00	19.0	2.29	20.4	2.53	22.5	2.91	30.6	0.91	1.41	12.7	1.90	14.8	2.32	16.9	2.78	19.0	3.29	20.4	3.65	22.5	4.11
21.1	9.91	1.16	12.7	1.49	14.8	1.76	16.9	2.05	19.0	2.40	20.4	2.66	22.5	3.07	32.8	0.91	1.50	12.7	2.03	14.8	2.48	16.9	2.98	19.0	3.53	20.4	3.92	21.7	4.29
23.9	9.91	1.19	12.7	1.54	14.8	1.88	16.9	2.24	19.0	2.64	20.4	2.93	22.5	3.38	33.9	0.91	1.55	12.7	2.10	14.8	2.57	16.9	3.09	19.0	3.66	20.4	4.06	21.5	4.37
26.1	9.91	1.24	12.7	1.66	14.8	2.02	16.9	2.41	19.0	2.84	20.4	3.15	22.5	3.65	35.0	0.91	1.60	12.7	2.17	14.8	2.66	16.9	3.20	19.0	3.79	20.4	4.21	21.4	4.46
28.3	9.91	1.32	12.7	1.78	14.8	2.16	16.9	2.59	19.0	3.06	20.4	3.39	22.5	3.93	37.2	0.91	1.71	12.7	2.32	14.8	2.85	16.9	3.43	19.0	4.06	20.4	4.52	21.0	4.63
30.6	9.91	1.41	12.7	1.90	14.8	2.32	16.9	2.78	19.0	3.29	20.4	3.65	22.5	4.11	39.4	0.91	1.82	12.7	2.48	14.8	3.04	16.9	3.67	19.0	4.36	20.2	4.78	20.6	4.81
32.8	9.91	1.50	12.7	2.03	14.8	2.48	16.9	2.98	19.0	3.53	20.4	3.92	21.7	4.29	41.1	0.91	1.90	12.7	2.60	14.8	3.20	16.9	3.86	19.0	4.59	19.9	4.91	20.3	4.94
35.0	9.91	1.55	12.7	2.10	14.8	2.57	16.9	3.09	19.0	3.66	20.4	4.06	21.5	4.37	43.3	0.91	2.03	12.7	2.78	14.8	3.43	16.9	4.15	19.0	4.93	19.5	5.09	20.5	5.09
37.2	9.91	1.71	12.7	2.32	14.8	2.85	16.9	3.43	19.0	4.06	20.4	4.52	21.0	4.63	46.1	0.91	2.24	12.7	3.09	14.8	3.81	16.5	5.34	16.6	5.35	16.6	5.35	16.6	5.36
39.4	9.91	1.82	12.7	2.48	14.8	3.04	16.9	3.67	19.0	4.36	20.2	4.78	20.6	4.81	47.8	0.91	2.38	12.7	3.28	14.4	4.56	14.5	4.57	14.5	4.58	14.5	4.58	14.6	4.59
41.1	9.91	1.90	12.7	2.60	14.8	3.20	16.9	3.86	19.0	4.59	19.9	4.91	20.3	4.94	50.0	0.91	2.57	11.6	3.53	11.7	3.54	11.7	3.55	11.8	3.55	11.8	3.56		

TC Total capacity : kW
 PI Power Input : kW (Comp + Outdoor fan motor)
 Note 1. is shown as reference.
 2. This tables reflect performance of the outdoor unit only. And not an entire system.
 3. Other factors such as indoor unit power consumption, piping losses, etc. are not included.
 And actual results may vary according to conditions of use.

REYQ96XBYCA Cooling Capacity for Standard Condition (Te: 6°C)

Table with columns for Combination, Outdoor air temp., Indoor air temp. °C DB, and capacity values (kW, PI) for various conditions (13.9, 16.1, 17.8, 19.4, 21.1, 22.2, 23.9).

Table with columns for Combination, Outdoor air temp., Indoor air temp. °C DB, and capacity values (kW, PI) for various conditions (13.9, 16.1, 17.8, 19.4, 21.1, 22.2, 23.9).

TC Total capacity; kW
PI Power Input; kW (Comp.+Outdoor fan motor)
Note 1. is shown as reference.
2. This tables reflect performance of the outdoor unit only. And not an entire system.
3. Other factors such as indoor unit power consumption, piping losses, etc. are not included.
And actual results may vary according to conditions of use.

1. Capacity Tables (Reference Data)

REYQ120XBYCA Cooling Capacity for Standard Condition (Te: 6°C)

Combination	Outdoor air temp.	Indoor air temp. °C DB																									
		13.9			16.1			17.8			19.4			21.1			22.2			23.9							
		TC	PI	kW	TC	PI	kW	TC	PI	kW	TC	PI	kW	TC	PI	kW	TC	PI	kW	TC	PI	kW	TC	PI	kW		
-5.0	26.6	3.09	34.1	4.06	39.7	4.84	45.3	5.64	49.2	6.23	49.9	6.26	51.0	6.31	21.1	24.2	24.4	2.82	27.9	3.25	31.4	3.70	33.7	4.01	37.1	4.48	
-1.1	26.6	3.18	34.1	4.20	39.7	5.00	45.3	5.86	48.5	6.41	49.2	6.44	50.3	6.49	21.1	24.9	24.4	2.91	27.9	3.35	31.4	3.82	33.7	4.14	37.1	4.62	
4.4	26.6	3.33	34.1	4.40	39.7	5.25	45.3	6.34	46.9	6.53	47.7	6.57	48.7	6.62	21.1	2.59	24.4	3.04	27.9	3.51	31.4	4.00	33.7	4.34	37.1	4.85	
10.0	26.6	3.49	34.1	4.63	39.7	5.64	44.3	6.60	45.4	6.65	46.1	6.69	47.1	6.75	21.1	2.71	24.4	3.19	27.9	3.68	31.4	4.20	33.7	4.56	37.1	5.11	
12.2	26.6	3.56	34.1	4.72	39.7	5.82	43.7	6.64	44.7	6.70	45.4	6.74	46.5	6.80	21.1	2.76	24.4	3.25	27.9	3.76	31.4	4.29	33.7	4.65	37.1	5.27	
14.4	26.6	3.64	34.1	4.82	39.7	6.02	43.0	6.69	44.1	6.75	44.8	6.79	45.9	6.85	21.1	2.82	24.4	3.31	27.9	3.84	31.4	4.38	33.7	4.75	37.1	5.45	
16.7	26.6	3.71	34.1	4.98	39.7	6.23	42.4	6.74	43.4	6.80	44.2	6.85	45.2	6.91	21.1	2.87	24.4	3.38	27.9	3.92	31.4	4.47	33.7	4.89	37.1	5.63	
18.9	26.6	3.79	34.1	5.15	39.7	6.45	41.8	6.79	42.8	6.86	43.5	6.90	44.6	6.96	21.1	2.93	24.4	3.45	27.9	4.00	31.4	4.57	33.7	5.05	37.1	5.83	
21.1	26.6	3.88	34.1	5.42	39.7	6.79	41.1	6.96	42.2	7.03	42.9	7.07	43.9	7.14	21.1	2.99	24.4	3.53	27.9	4.09	31.4	4.68	33.7	5.32	37.1	6.14	
22.2	26.6	3.97	34.1	5.63	39.7	6.97	40.8	7.14	41.9	7.21	42.6	7.25	43.6	7.32	21.1	3.02	24.4	3.57	27.9	4.24	31.4	4.99	33.7	5.52	37.1	6.38	
23.9	26.6	4.20	34.1	5.96	39.7	7.33	40.3	7.40	41.4	7.48	42.1	7.52	43.1	7.60	21.1	3.09	24.4	3.75	27.9	4.48	31.4	5.28	33.7	5.85	37.1	6.76	
26.1	26.6	4.52	34.1	6.42	38.6	7.68	39.7	7.76	40.7	7.84	41.5	7.89	42.5	7.96	21.1	3.31	24.4	4.03	27.9	4.82	31.4	5.69	33.7	6.30	37.1	7.29	
28.3	26.6	4.86	34.1	6.91	38.0	8.03	39.0	8.11	39.1	8.20	40.6	8.25	41.9	8.33	21.1	3.55	24.4	4.33	27.9	5.18	31.4	6.12	33.7	6.78	37.1	7.85	
30.6	26.6	5.20	34.1	7.49	37.4	8.38	38.4	8.47	39.5	8.56	40.2	8.62	41.2	8.71	21.1	3.80	24.4	4.64	27.9	5.56	31.4	6.57	33.7	7.29	36.9	8.34	
32.8	26.6	5.58	34.1	7.93	36.7	8.74	37.8	8.83	38.8	8.92	39.5	8.99	40.1	9.03	21.1	4.06	24.4	4.97	27.9	5.97	31.4	7.06	33.7	7.84	36.2	8.70	
33.9	26.6	5.78	34.1	8.28	36.4	9.02	37.5	9.01	38.5	9.11	39.2	9.17	39.3	9.18	21.1	4.20	24.4	5.14	27.9	6.18	31.4	7.31	33.7	8.12	35.9	8.87	
35.0	26.6	5.98	34.1	8.58	36.1	9.10	37.1	9.19	38.2	9.29	38.5	9.32	38.5	9.32	21.1	4.34	24.4	5.32	27.9	6.39	31.4	7.57	33.7	8.42	35.6	9.05	
37.2	26.6	6.40	34.1	9.21	35.4	9.45	36.5	9.56	36.9	9.60	37.0	9.60	37.0	9.60	21.1	4.64	24.4	5.69	27.9	6.85	31.4	8.12	33.7	9.03	35.0	9.40	
39.4	26.6	6.85	33.8	9.70	34.8	9.81	35.4	9.87	35.4	9.87	35.4	9.87	35.4	9.88	21.1	4.95	24.4	6.09	27.9	7.34	31.4	8.71	33.7	9.55	34.3	9.76	
41.1	26.6	7.31	33.3	10.1	34.2	10.2	34.2	10.2	34.2	10.2	34.2	10.2	34.2	10.2	21.1	5.27	24.4	6.49	27.9	7.83	31.4	9.30	33.2	10.1	33.8	10.2	
43.3	26.6	7.97	32.6	10.7	32.6	10.7	32.7	10.7	32.7	10.7	32.7	10.7	32.7	10.7	21.1	5.74	24.4	7.07	27.9	8.54	31.4	10.2	32.6	10.7	32.7	10.7	
46.1	26.6	8.87	28.2	10.8	28.3	10.8	28.3	10.8	28.4	10.8	28.4	10.8	28.5	10.8	21.1	6.36	24.4	7.86	27.9	9.51	28.4	10.8	28.4	10.8	28.5	10.8	
47.8	26.6	9.10	24.5	9.11	24.6	9.14	24.7	9.15	24.7	9.15	24.7	9.16	24.8	9.17	21.1	6.76	24.4	8.99	24.6	9.15	24.7	9.15	24.7	9.16	24.8	9.17	
50.0	19.5	6.90	19.6	6.91	19.6	6.92	19.7	6.94	19.8	6.95	19.8	6.96	19.9	6.97	21.1	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6

Combination	Outdoor air temp.	Indoor air temp. °C DB																					
		13.9			16.1			17.8			19.4			21.1			22.2			23.9			
		TC	PI	kW	TC	PI	kW	TC	PI	kW	TC	PI	kW	TC	PI	kW	TC	PI	kW	TC	PI	kW	TC
-5.0	16.4	1.92	21.0	2.42	24.4	2.82	27.9	3.25	31.4	3.70	33.7	4.01	37.1	4.48									
-1.1	16.4	1.96	21.0	2.49	24.4	2.91	27.9	3.35	31.4	3.82	33.7	4.14	37.1	4.62									
4.4	16.4	2.04	21.0	2.59	24.4	3.04	27.9	3.51	31.4	4.00	33.7	4.34	37.1	4.85									
10.0	16.4	2.12	21.0	2.71	24.4	3.19	27.9	3.68	31.4	4.20	33.7	4.56	37.1	5.11									
12.2	16.4	2.16	21.0	2.76	24.4	3.25	27.9	3.76	31.4	4.29	33.7	4.65	37.1	5.27									
14.4	16.4	2.20	21.0	2.82	24.4	3.31	27.9	3.84	31.4	4.38	33.7	4.75	37.1	5.45									
16.7	16.4	2.24	21.0	2.87	24.4	3.38	27.9	3.92	31.4	4.47	33.7	4.89	37.1	5.63									
18.9	16.4	2.28	21.0	2.93	24.4	3.45	27.9	4.00	31.4	4.57	33.7	5.05	37.1	5.83									
21.1	16.4	2.32	21.0	2.99	24.4	3.53	27.9	4.09	31.4	4.68	33.7	5.32	37.1	6.14									
22.2	16.4	2.34	21.0	3.02	24.4	3.57	27.9	4.24	31.4	4.99	33.7	5.52	37.1	6.38									
23.9	16.4	2.38	21.0	3.09	24.4	3.75	27.9	4.48	31.4	5.28	33.7	5.85	37.1	6.76									
26.1	16.4	2.47	21.0	3.31	24.4	4.03	27.9	4.82	31.4	5.69	33.7	6.30	37.1	7.29									
28.3	16.4	2.64	21.0	3.55	24.4	4.33	27.9	5.18	31.4	6.12	33.7	6.78	37.1	7.85									
30.6	16.4	2.82	21.0	3.80	24.4	4.64	27.9	5.56	31.4	6.57	33.7	7.29	36.9	8.34									
32.8	16.4	3.00	21.0	4.06	24.4	4.97	27.9	5.97	31.4	7.06	33.7	7.84	36.2	8.70									
33.9	16.4	3.10	21.0	4.20	24.4	5.14	27.9	6.18	31.4	7.31	33.7	8.12	35.9	8.87									
35.0	16.4	3.20	21.0	4.34	24.4	5.32	27.9	6.39	31.4	7.57	33.7	8.42	35.6	9.05									
37.2	16.4	3.41	21.0	4.64	24.4	5.69	27.9	6.85	31.4	8.12	33.7	9.03	35.0	9.40									
39.4	16.4	3.63	21.0	4.95	24.4	6.09	27.9	7.34	31.4	8.71	33.7	9.55	34.3	9.76									
41.1	16.4	3.86	21.0	5.27	24.4	6.49	27.9	7.83	31.4	9.30	33.2	10.1	33.8	10.2									
43.3	16.4	4.19	21.0	5.74	24.4	7.07	27.9	8.54	31.4	10.2	32.6	10.7	32.7	10.7									
46.1	16.4	4.62	21.0	6.36	24.4	7.86	27.9	9.51	28.4	10.8	28.4	10.8	28.5	10.8									
47.8	16.4	4.90	21.0	6.76	24.4	8.99	24.6	9.15	24.7	9.15	24.7	9.16	24.8	9.17									
50.0	16.4	5.30	19.6	6.91	19.6	6.92	19.7	6.94	19.8	6.95	19.8	6.96	19.9	6.97									

REYQ144XBYCA Cooling Capacity for Standard Condition (Te: 6°C)

Table with columns for Outdoor air temp., Indoor air temp. °CDB, and cooling capacity values for various combinations of conditions.

Table with columns for Outdoor air temp., Indoor air temp. °CDB, and cooling capacity values for various combinations of conditions.

TC Total capacity; kW
PI Power Input; kW (Comp.+Outdoor fan motor)
Note 1. is shown as reference.
2. This tables reflect performance of the outdoor unit only. And not an entire system.
3. Other factors such as indoor unit power consumption, piping losses, etc. are not included.
And actual results may vary according to conditions of use.

1. Capacity Tables (Reference Data)

REYQ168XBYCA Cooling Capacity for Standard Condition (Te: 6°C)

Combination	Outdoor air temp. °CDB	Indoor air temp. °CDB																					
		13.9			16.1			17.8			19.4			21.1			22.2			23.9			
		TC	PI	KW	TC	PI	KW	TC	PI	KW	TC	PI	KW	TC	PI	KW	TC	PI	KW	TC	PI	KW	
		%	°CDB		%	°CDB		%	°CDB		%	°CDB		%	°CDB		%	°CDB		%	°CDB		
130	-5.0	35.8	5.05	45.8	6.65	53.4	7.92	61.0	9.23	66.2	10.2	67.1	10.2	68.5	10.3								
	-1.1	35.8	5.21	45.8	6.87	53.4	8.18	61.0	9.59	66.2	10.3	67.1	10.4	68.5	10.5								
	4.4	35.8	5.45	45.8	7.20	53.4	8.59	61.0	10.4	65.7	11.2	66.7	11.3	68.2	11.4								
	10.0	35.8	5.72	45.8	7.57	53.4	9.22	61.0	10.6	63.5	11.4	64.5	11.5	66.0	11.6								
	12.2	35.8	5.83	45.8	7.73	53.4	9.53	61.0	10.7	62.6	11.5	63.6	11.6	65.1	11.7								
	14.4	35.8	5.95	45.8	7.89	53.4	9.85	60.2	11.5	61.7	11.6	62.7	11.7	64.2	11.8								
	16.7	35.8	6.08	45.8	8.14	53.4	10.2	59.3	11.6	60.8	11.7	61.8	11.8	63.3	11.9								
	18.9	35.8	6.21	45.8	8.42	53.4	10.5	58.5	11.7	59.9	11.8	60.9	11.9	62.4	12.0								
	21.1	35.8	6.34	45.8	8.66	53.4	11.1	57.6	12.0	59.0	12.1	60.0	12.2	61.5	12.3								
	22.2	35.8	6.50	45.8	9.21	53.4	11.4	57.1	12.3	58.6	12.4	59.6	12.5	61.1	12.6								
	23.9	35.8	6.87	45.8	9.75	53.4	11.8	56.4	12.7	57.9	12.9	58.9	12.9	60.4	13.1								
	26.1	35.8	7.39	45.8	10.5	53.4	12.4	55.5	13.3	57.0	13.5	58.0	13.6	59.5	13.7								
	28.3	35.8	7.94	45.8	11.3	53.2	13.8	54.7	14.0	56.2	14.1	57.1	14.2	58.3	14.3								
	30.6	35.8	8.52	45.8	12.2	52.3	14.4	53.9	14.6	55.3	14.7	56.3	14.8	57.7	15.0								
	32.8	35.8	9.13	45.8	13.1	51.4	15.0	52.9	15.2	54.4	15.4	55.4	15.5	56.8	15.5								
	33.9	35.8	9.45	45.8	13.5	51.0	15.3	52.4	15.5	53.9	15.7	54.9	15.8	55.9	15.8								
	35.0	35.8	9.78	45.8	14.0	50.5	15.6	52.0	15.8	53.5	16.0	53.9	16.0	53.9	16.0								
	37.2	35.8	10.5	45.8	15.1	49.6	16.3	51.1	16.4	51.7	16.5	51.7	16.5	51.8	16.5								
	39.4	35.8	11.2	45.8	15.6	48.7	16.9	49.5	17.0	49.5	17.0	49.6	17.0	49.6	17.0								
	41.1	35.8	12.0	45.8	16.3	47.9	17.6	47.9	17.6	47.9	17.6	47.9	17.6	47.9	17.6								
43.3	35.8	13.0	45.8	17.4	45.7	18.4	45.7	18.4	45.7	18.4	45.7	18.4	45.8	18.4									
46.1	35.8	14.5	39.5	18.5	39.6	18.5	39.7	18.6	39.7	18.6	39.8	18.6	39.9	18.6									
47.8	34.2	15.7	34.3	15.7	34.4	15.7	34.5	15.7	34.6	15.7	34.6	15.8	34.7	15.8									
50.0	27.3	11.9	27.4	11.9	27.5	11.9	27.6	11.9	27.7	12.0	27.7	12.0	27.8	12.0									
-5.0	33.0	4.64	42.3	6.08	49.3	7.22	56.3	8.41	63.2	9.63	66.1	10.2	67.4	10.3									
-1.1	33.0	4.78	42.3	6.27	49.3	7.46	56.3	8.69	63.2	10.1	66.1	10.3	67.4	10.4									
4.4	33.0	5.00	42.3	6.57	49.3	7.83	56.3	9.20	63.2	10.5	65.6	11.2	67.0	11.3									
10.0	33.0	5.24	42.3	6.91	49.3	8.23	56.3	9.97	62.5	11.4	63.4	11.4	64.7	11.5									
12.2	33.0	5.34	42.3	7.05	49.3	8.47	56.3	10.3	61.6	11.5	62.5	11.5	63.9	11.6									
14.4	33.0	5.45	42.3	7.20	49.3	8.75	56.3	10.7	60.7	11.5	61.6	11.6	63.0	11.7									
16.7	33.0	5.56	42.3	7.35	49.3	9.05	56.3	11.0	59.8	11.6	60.7	11.7	62.1	11.8									
18.9	33.0	5.69	42.3	7.51	49.3	9.36	56.3	11.3	58.9	11.7	59.8	11.8	61.2	11.9									
21.1	33.0	5.80	42.3	7.70	49.3	9.68	56.3	11.6	58.0	12.0	58.9	12.1	60.3	12.2									
22.2	33.0	5.86	42.3	8.21	49.3	10.2	56.2	12.2	57.6	12.3	58.5	12.4	59.9	12.5									
23.9	33.0	6.18	42.3	8.68	49.3	10.9	55.5	12.7	56.9	12.8	57.8	12.9	59.2	13.0									
26.1	33.0	6.64	42.3	9.35	49.3	11.7	54.6	13.3	56.0	13.4	56.9	13.5	58.3	13.6									
28.3	33.0	7.12	42.3	10.1	49.3	12.6	53.7	13.9	55.1	14.0	56.0	14.1	57.4	14.2									
30.6	33.0	7.64	42.3	10.8	49.3	13.4	52.9	14.5	54.2	14.6	55.1	14.7	56.5	14.9									
32.8	33.0	8.18	42.3	11.6	49.3	14.0	52.0	15.1	53.3	15.2	54.3	15.3	55.6	15.5									
33.9	33.0	8.46	42.3	12.0	49.3	14.3	51.5	15.4	52.9	15.6	53.8	15.7	55.0	15.8									
35.0	33.0	8.76	42.3	12.5	49.3	14.6	51.1	15.7	52.4	15.9	53.4	16.0	53.9	16.0									
37.2	33.0	9.37	42.3	13.4	48.8	16.2	50.2	16.3	51.6	16.5	51.7	16.5	51.8	16.5									
39.4	33.0	10.0	42.3	14.3	47.9	16.8	49.3	17.0	49.5	17.0	49.6	17.0	49.6	17.0									
41.1	33.0	10.7	42.3	15.3	47.3	17.5	47.9	17.6	47.9	17.6	47.9	17.6	47.9	17.6									
43.3	33.0	11.6	42.3	16.7	45.7	18.4	45.7	18.4	45.7	18.4	45.8	18.4	45.8	18.4									
46.1	33.0	12.9	39.5	18.5	39.6	18.5	39.7	18.6	39.7	18.6	39.8	18.6	39.9	18.6									
47.8	33.0	14.7	34.3	15.7	34.4	15.7	34.5	15.7	34.6	15.7	34.6	15.8	34.7	15.8									
50.0	27.3	11.9	27.4	11.9	27.5	11.9	27.6	11.9	27.7	12.0	27.7	12.0	27.8	12.0									
-5.0	30.3	4.24	38.8	5.52	45.2	6.54	51.6	7.61	58.0	8.71	62.2	9.46	66.2	10.2									
-1.1	30.3	4.37	38.8	5.69	45.2	6.75	51.6	7.86	58.0	9.00	62.2	9.89	66.2	10.3									
4.4	30.3	4.56	38.8	5.96	45.2	7.08	51.6	8.25	58.0	9.62	62.0	10.5	65.7	11.2									
10.0	30.3	4.77	38.8	6.26	45.2	7.44	51.6	8.76	58.0	10.4	62.2	10.6	63.5	11.4									
12.2	30.3	4.86	38.8	6.39	45.2	7.60	51.6	9.05	58.0	10.7	61.4	11.4	62.6	11.5									
14.4	30.3	4.96	38.8	6.52	45.2	7.78	51.6	9.35	58.0	10.7	60.5	11.5	61.7	11.6									
16.7	30.3	5.06	38.8	6.66	45.2	7.96	51.6	9.67	58.0	10.8	59.6	11.6	60.8	11.7									
18.9	30.3	5.16	38.8	6.80	45.2	8.24	51.6	10.0	57.9	11.6	58.7	11.7	60.0	11.8									
21.1	30.3	5.27	38.8	6.99	45.2	8.68	51.6	10.5	57.0	11.9	57.8	12.0	59.1	12.1									
22.2	30.3	5.33	38.8	7.26	45.2	9.02	51.6	11.0	56.5	12.2	57.4	12.3	58.6	12.4									
23.9	30.3	5.52	38.8	7.68	45.2	9.55	51.6	11.6	55.9	12.7	56.7	12.8	58.0	12.9									
26.1	30.3	5.92	38.8	8.27	45.2	10.3	51.6	12.4	55.0	13.3	55.8	13.4	57.1	13.5									
28.3	30.3	6.35	38.8	8.88	45.2	11.1	51.6	12.9	54.1	13.9	54.9	14.0	56.2	14.1									
30.6	30.3	6.80	38.8	9.54	45.2	11.9	51.6	13.5	53.2	14.5	54.0	14.6	55.3	14.7									
32.8	30.3	7.28	38.8	10.2	45.2	12.8	51.0	15.0	52.3	15.1	53.1	15.2	54.4	15.4									
33.9	30.3	7.53	38.8	10.6	45.2	13.3	50.6	15.3	51.9	15.4	52.7	15.5	54.0	15.7									
35.0	30.3	7.79	38.8	11.0	45.2	13.7	50.2	15.6	51.4	15.7	52.3	15.8	53.5	16.0									
37.2	30.3	8.33	38.8	11.8	45.2	14.7	49.3	16.2	50.5	16.4	51.4	16.5	51.8	16.5									
39.4	30.3	8.90	38.8	12.6	45.2	15.6	48.4	16.8	49.5	17.0	49.7	17.0	49.6	17.0									
41.1	30.3	9.48	38.																				

REYQ192XBYCA Cooling Capacity for Standard Condition (Te: 6°C)

Table with columns for Combination, Outdoor air temp., Indoor air temp. °CDB (13.9, 16.1, 17.8, 19.4, 21.1, 22.2, 23.9), and Capacity (kW, PI). Rows are grouped by indoor air temperature (130, 120, 110, 100, 90) and outdoor air temperature (-5.0 to 50.0).

Table with columns for Combination, Outdoor air temp., Indoor air temp. °CDB (13.9, 16.1, 17.8, 19.4, 21.1, 22.2, 23.9), and Capacity (kW, PI). Rows are grouped by indoor air temperature (80, 70, 60, 50) and outdoor air temperature (-5.0 to 50.0).

TC Total capacity; kW
PI Power Input; kW (Comp.+Outdoor fan motor)
Note 1. is shown as reference.
2. This tables reflect performance of the outdoor unit only. And not an entire system.
3. Other factors such as indoor unit power consumption, piping losses, etc. are not included.
And actual results may vary according to conditions of use.

1. Capacity Tables (Reference Data)

REYQ216XBYCA Cooling Capacity for Standard Condition (Te: 6°C)

Combination	Outdoor air temp.	Indoor air temp. °CDB																								
		13.9						16.1						17.8						19.4						
		TC			PI			TC			PI			TC			PI			TC			PI			
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	
-5.0	48.3	5.38	61.9	7.08	72.1	8.43	82.3	9.83	89.4	10.9	90.6	10.9	92.5	11.0												
-1.1	48.3	5.55	61.9	7.31	72.1	8.71	82.3	10.2	87.4	11.0	88.6	11.1	90.5	11.2												
4.4	48.3	5.81	61.9	7.67	72.1	9.15	82.3	11.0	84.5	11.2	85.8	11.3	87.7	11.4												
10.0	48.3	6.09	61.9	8.06	72.1	9.82	79.7	11.3	81.6	11.4	82.9	11.5	84.8	11.6												
12.2	48.3	6.21	61.9	8.23	72.1	10.1	78.6	11.4	80.5	11.5	81.8	11.6	83.7	11.7												
14.4	48.3	6.34	61.9	8.41	72.1	10.5	77.4	11.5	79.3	11.6	80.6	11.7	82.5	11.8												
16.7	48.3	6.47	61.9	8.67	72.1	10.9	76.3	11.6	78.2	11.7	79.5	11.8	81.4	11.9												
18.9	48.3	6.61	61.9	8.97	72.1	11.2	75.2	11.7	77.1	11.8	78.3	11.8	80.2	12.0												
21.1	48.3	6.76	61.9	9.44	72.1	11.8	74.0	12.0	75.9	12.1	77.2	12.1	79.1	12.3												
22.2	48.3	6.93	61.9	9.81	71.5	12.1	73.4	12.3	75.3	12.4	76.6	12.5	78.5	12.6												
23.9	48.3	7.32	61.9	10.4	70.7	12.6	72.8	12.7	74.5	12.8	75.8	12.9	77.7	13.0												
26.1	48.3	7.87	61.9	11.2	69.5	13.2	71.4	13.3	73.3	13.5	74.6	13.5	76.5	13.7												
28.3	48.3	8.45	61.9	12.0	68.4	13.8	70.3	13.9	72.2	14.1	73.5	14.2	75.4	14.3												
30.6	48.3	9.07	61.9	13.0	67.2	14.4	69.1	14.5	71.1	14.7	72.9	14.8	74.2	14.9												
32.8	48.3	9.72	61.9	13.9	66.1	15.0	68.0	15.2	69.9	15.3	71.2	15.4	72.1	15.5												
33.9	48.3	10.1	61.9	14.4	65.5	15.3	67.4	15.5	69.3	15.6	70.6	15.7	70.7	15.8												
35.0	48.3	10.4	61.9	15.0	64.9	15.6	66.9	15.8	68.8	16.0	69.3	16.0	69.3	16.0												
37.2	48.3	11.2	61.9	16.0	63.8	16.2	65.7	16.4	66.5	16.5	66.5	16.5	66.5	16.5												
39.4	48.3	11.9	60.8	16.7	62.7	16.8	63.7	17.0	63.7	17.0	63.7	17.0	63.7	17.0												
41.1	48.3	12.7	59.9	17.3	61.6	17.5	61.6	17.5	61.6	17.5	61.6	17.5	61.6	17.5												
43.3	48.3	13.9	58.7	18.3	58.8	18.3	58.8	18.3	58.8	18.3	58.8	18.3	58.8	18.3												
46.1	48.3	15.5	50.8	18.5	50.9	18.5	51.0	18.5	51.1	18.5	51.2	18.6	51.3	18.6												
47.8	44.0	15.6	44.1	15.6	44.2	15.7	44.3	15.7	44.4	15.7	44.5	15.7	44.6	15.7												
50.0	35.1	11.8	35.3	11.9	35.4	11.9	35.5	11.9	35.6	11.9	35.7	11.9	35.8	12.0												

Combination	Outdoor air temp.	Indoor air temp. °CDB																								
		13.9						16.1						17.8						19.4						
		TC			PI			TC			PI			TC			PI			TC			PI			
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	
-5.0	29.7	3.34	38.1	4.21	44.4	4.92	50.6	5.67	56.9	6.45	61.1	6.98	67.4	7.80												
-1.1	29.7	3.42	38.1	4.33	44.4	5.07	50.6	5.84	56.9	6.65	61.1	7.21	67.4	8.06												
4.4	29.7	3.56	38.1	4.52	44.4	5.30	50.6	6.12	56.9	6.97	61.1	7.56	67.4	8.46												
10.0	29.7	3.70	38.1	4.73	44.4	5.55	50.6	6.42	56.9	7.32	61.1	7.94	67.4	8.90												
12.2	29.7	3.76	38.1	4.81	44.4	5.66	50.6	6.55	56.9	7.48	61.1	8.11	67.4	9.19												
14.4	29.7	3.83	38.1	4.91	44.4	5.77	50.6	6.69	56.9	7.63	61.1	8.28	67.4	9.49												
16.7	29.7	3.90	38.1	5.00	44.4	5.89	50.6	6.83	56.9	7.80	61.1	8.52	67.4	9.82												
18.9	29.7	3.97	38.1	5.10	44.4	6.02	50.6	6.98	56.9	7.97	61.1	8.80	67.4	10.2												
21.1	29.7	4.05	38.1	5.21	44.4	6.15	50.6	7.13	56.9	8.37	61.1	9.27	67.4	10.7												
22.2	29.7	4.08	38.1	5.26	44.4	6.21	50.6	7.39	56.9	8.70	61.1	9.63	67.4	11.1												
23.9	29.7	4.14	38.1	5.38	44.4	6.54	50.6	7.81	56.9	9.20	61.1	10.2	67.4	11.8												
26.1	29.7	4.30	38.1	5.77	44.4	7.02	50.6	8.40	56.9	9.91	61.1	11.0	67.4	12.7												
28.3	29.7	4.60	38.1	6.19	44.4	7.54	50.6	9.03	56.9	10.7	61.1	11.8	67.4	13.7												
30.6	29.7	4.91	38.1	6.62	44.4	8.08	50.6	9.69	56.9	11.5	61.1	12.7	66.4	14.3												
32.8	29.7	5.24	38.1	7.08	44.4	8.66	50.6	10.4	56.9	12.3	61.1	13.7	65.2	14.9												
33.9	29.7	5.41	38.1	7.32	44.4	8.96	50.6	10.8	56.9	12.7	61.1	14.2	64.6	15.2												
35.0	29.7	5.58	38.1	7.57	44.4	9.27	50.6	11.2	56.9	13.2	61.1	14.7	64.1	15.5												
37.2	29.7	5.94	38.1	8.08	44.4	9.92	50.6	11.9	56.9	14.2	61.1	15.7	62.9	16.1												
39.4	29.7	6.33	38.1	8.63	44.4	10.6	50.6	12.8	56.9	15.2	60.6	16.6	61.8	16.8												
41.1	29.7	6.72	38.1	9.19	44.4	11.3	50.6	13.6	56.9	16.2	59.9	17.2	63.9	17.5												
43.3	29.7	7.29	38.1	10.00	44.4	12.3	50.6	14.9	56.9	17.7	58.7	18.3	58.8	18.3												
46.1	29.7	8.06	38.1	11.1	44.4	13.7	50.6	16.6	51.1	18.5	51.2	18.6	51.3	18.6												
47.8	29.7	8.55	38.1	11.8	44.2	15.7	44.3	15.7	44.4	15.7	44.5	15.7	44.6	15.7												
50.0	29.7	9.23	35.3	11.9	35.4	11.9	35.5	11.9	35.6	11.9	35.7	11.9	35.8	12.0												

TC Total capacity; kW
 PI Power Input; kW (Comp.+Outdoor fan motor)
 Note: 1. This is shown as reference.
 2. This tables reflect performance of the outdoor unit only. And not an entire system.
 3. Other factors such as indoor unit power consumption, piping losses, etc. are not included.
 And other results may vary according to conditions of use.

Combination	Outdoor air temp.	Indoor air temp. °CDB																							
		13.9						16.1						17.8						19.4					
		TC			PI			TC			PI			TC			PI			TC			PI		
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
-5.0	33.4	3.72	42.8	4.75	49.9	5.58	60.7	6.45	64.0	7.36	68.7	7.98	75.8	8.94											
-1.1	33.4	3.82	42.8	4.89	49.9	5.75	60.7	6.66	64.0	7.60	68.7	8.25	75.8	9.24											
4.4	33.4	3.97	42.8	5.11	49.9	6.02	60.7	6.98	64.0	7.97	68.7	8.66	75.8	9.77											

REYQ240XBYCA Cooling Capacity for Standard Condition (Te: 6°C)

Table with columns: Combination, Outdoor air temp., Indoor air temp. °CDB (13.9, 16.1, 17.8, 19.4, 21.1, 22.2, 23.9), and Capacity (kW, PI, TC, PI). Rows are grouped by indoor air temperature (130, 120, 110, 100, 90) and outdoor air temperature (-5.0 to 50.0).

Table with columns: Combination, Outdoor air temp., Indoor air temp. °CDB (13.9, 16.1, 17.8, 19.4, 21.1, 22.2, 23.9), and Capacity (kW, PI, TC, PI). Rows are grouped by indoor air temperature (80, 70, 60, 50) and outdoor air temperature (-5.0 to 50.0).

TC Total capacity; kW
PI Power Input; kW (Comp.+Outdoor fan motor)
Note1. is shown as reference.
2. This tables reflect performance of the outdoor unit only. And not an entire system.
3. Other factors such as indoor unit power consumption, piping losses, etc. are not included.
And actual results may vary according to conditions of use.

1. Capacity Tables (Reference Data)

REYQ264XBYCA Cooling Capacity for Standard Condition (Te: 6°C)

Combination	Outdoor air temp. °CDB	Indoor air temp. °CDB																								
		13.9			16.1			17.8			19.4			21.1			22.2			23.9						
		TC	PI	KW	TC	PI	KW	TC	PI	KW	TC	PI	KW	TC	PI	KW	TC	PI	KW	TC	PI	KW	TC	PI	KW	
-5.0	59.0	7.24	75.6	9.53	88.1	11.3	101	13.2	109	14.6	111	14.7	113	14.8												
-1.1	59.0	7.46	75.6	9.84	88.1	11.7	101	13.7	107	14.8	108	14.9	111	15.0												
4.4	59.0	7.81	75.6	10.3	88.1	12.3	101	14.9	103	15.1	105	15.2	107	15.3												
10.0	59.0	8.19	75.6	10.8	88.1	13.2	97.4	15.2	99.8	15.4	101	15.5	104	15.6												
12.2	59.0	8.36	75.6	11.1	88.1	13.7	96.0	15.3	98.4	15.5	99.9	15.6	102	15.7												
14.4	59.0	8.53	75.6	11.3	88.1	14.1	94.6	15.5	97.0	15.6	98.5	15.7	101	15.8												
16.7	59.0	8.71	75.6	11.7	88.1	14.6	93.3	15.6	95.6	15.7	97.1	15.8	99.5	16.0												
18.9	59.0	8.89	75.6	12.1	88.1	15.1	91.9	15.7	94.2	15.8	95.7	15.9	98.1	16.1												
21.1	59.0	9.09	75.6	12.7	88.1	15.9	90.5	16.1	92.8	16.2	94.3	16.3	96.7	16.5												
22.2	59.0	9.32	75.6	13.2	87.4	16.3	89.8	16.5	92.1	16.6	93.6	16.8	96.0	16.9												
23.9	59.0	9.55	75.6	14.0	86.4	16.9	88.7	17.1	91.0	17.3	92.6	17.4	94.9	17.5												
26.1	59.0	10.6	75.6	15.1	85.0	17.7	87.3	17.9	89.6	18.1	91.2	18.2	93.5	18.4												
28.3	59.0	11.4	75.6	16.2	83.6	18.6	85.9	18.7	88.2	18.9	89.8	19.1	92.1	19.2												
30.6	59.0	12.2	75.6	17.4	82.2	19.4	84.5	19.6	86.8	19.8	88.4	19.9	90.7	20.1												
32.8	59.0	13.1	75.6	18.7	80.8	20.2	83.1	20.4	85.4	20.6	87.0	20.8	89.2	20.9												
33.9	59.0	13.5	75.6	19.4	80.1	20.6	82.4	20.8	84.7	21.0	86.3	21.2	88.5	21.2												
35.0	59.0	14.0	75.6	20.1	79.4	21.0	81.7	21.2	84.0	21.5	84.7	21.5	84.8	21.5												
37.2	59.0	15.0	75.6	21.6	78.0	21.8	80.3	22.1	81.3	22.2	81.3	22.2	81.3	22.2												
39.4	59.0	16.1	74.3	22.4	76.6	22.7	77.8	22.8	77.9	22.8	77.9	22.8	77.9	22.8												
41.1	59.0	17.1	73.2	23.3	75.2	23.6	75.3	23.6	75.3	23.6	75.3	23.6	75.3	23.6												
43.3	59.0	18.7	71.8	24.6	71.8	24.6	71.8	24.6	71.8	24.6	71.8	24.6	71.8	24.6												
46.1	59.0	20.8	62.1	24.9	62.2	24.9	62.3	24.9	62.4	24.9	62.5	25.0	62.7	25.0												
47.8	53.8	21.0	53.9	21.1	54.1	21.1	54.2	21.1	54.3	21.1	54.4	21.2	54.5	21.2												
50.0	42.9	15.9	43.1	16.0	43.2	16.0	43.4	16.0	43.5	16.0	43.6	16.1	43.7	16.1												

Combination	Outdoor air temp. °CDB	Indoor air temp. °CDB																								
		13.9			16.1			17.8			19.4			21.1			22.2			23.9						
		TC	PI	KW	TC	PI	KW	TC	PI	KW	TC	PI	KW	TC	PI	KW	TC	PI	KW	TC	PI	KW	TC	PI	KW	
-5.0	36.3	4.49	46.6	5.67	54.2	6.62	61.9	7.62	69.6	8.67	74.7	9.39	82.4	10.5												
-1.1	36.3	4.61	46.6	5.83	54.2	6.82	61.9	7.86	69.6	8.95	74.7	9.69	82.4	10.8												
4.4	36.3	4.78	46.6	6.08	54.2	7.13	61.9	8.23	69.6	9.38	74.7	10.2	82.4	11.4												
10.0	36.3	4.98	46.6	6.36	54.2	7.47	61.9	8.64	69.6	9.85	74.7	10.7	82.4	12.0												
12.2	36.3	5.06	46.6	6.48	54.2	7.61	61.9	8.81	69.6	10.1	74.7	10.9	82.4	12.4												
14.4	36.3	5.15	46.6	6.60	54.2	7.77	61.9	8.99	69.6	10.3	74.7	11.1	82.4	12.8												
16.7	36.3	5.24	46.6	6.73	54.2	7.93	61.9	9.18	69.6	10.5	74.7	11.5	82.4	13.2												
18.9	36.3	5.34	46.6	6.86	54.2	8.09	61.9	9.38	69.6	10.7	74.7	11.8	82.4	13.7												
21.1	36.3	5.44	46.6	7.01	54.2	8.27	61.9	9.59	69.6	11.3	74.7	12.5	82.4	14.4												
22.2	36.3	5.49	46.6	7.08	54.2	8.36	61.9	9.94	69.6	11.7	74.7	13.0	82.4	15.0												
23.9	36.3	5.58	46.6	7.24	54.2	8.79	61.9	10.5	69.6	12.4	74.7	13.7	82.4	15.8												
26.1	36.3	5.79	46.6	7.77	54.2	9.45	61.9	11.3	69.6	13.3	74.7	14.8	82.4	17.1												
28.3	36.3	6.19	46.6	8.32	54.2	10.1	61.9	12.1	69.6	14.3	74.7	15.9	82.4	18.4												
30.6	36.3	6.60	46.6	8.91	54.2	10.9	61.9	13.0	69.6	15.4	74.7	17.1	81.1	19.3												
32.8	36.3	7.04	46.6	9.53	54.2	11.6	61.9	14.0	69.6	16.5	74.7	18.4	79.7	20.1												
33.9	36.3	7.27	46.6	9.85	54.2	12.0	61.9	14.5	69.6	17.1	74.7	19.0	79.0	20.5												
35.0	36.3	7.51	46.6	10.2	54.2	12.5	61.9	15.0	69.6	17.8	74.7	19.7	78.3	20.9												
37.2	36.3	8.00	46.6	10.9	54.2	13.3	61.9	16.1	69.6	19.0	74.7	21.2	76.9	21.7												
39.4	36.3	8.51	46.6	11.6	54.2	14.3	61.9	17.2	69.6	20.4	74.7	22.4	75.5	22.5												
41.1	36.3	9.04	46.6	12.4	54.2	15.2	61.9	18.4	69.6	21.8	73.0	23.3	74.5	23.5												
43.3	36.3	9.81	46.6	13.5	54.2	16.6	61.9	20.0	69.6	23.8	71.6	24.6	71.9	24.7												
46.1	36.3	10.8	46.6	14.9	54.2	18.4	61.9	22.3	62.4	24.9	62.5	25.0	62.7	25.0												
47.8	36.3	11.5	46.6	15.9	54.1	21.1	54.2	21.1	54.2	21.1	54.2	21.1	54.2	21.1												
50.0	36.3	12.4	43.1	16.0	43.2	16.0	43.4	16.0	43.5	16.0	43.6	16.1	43.7	16.1												

TC Total capacity ; kW
 PI Power Input ; kW (Comp.+Outdoor fan motor)
 Note1. is shown as reference.
 2. This tables reflect performance of the outdoor unit only. And not an entire system.
 3. Other factors such as indoor unit power consumption, piping losses, etc. are not included.
 And actual results may vary according to conditions of use.

REYQ288XBYCA Cooling Capacity for Standard Condition (Te: 6°C)

Table with columns for Combination, Outdoor air temp., Indoor air temp. °CDB (13.9, 16.1, 17.8, 19.4, 21.1, 22.2, 23.9), and Capacity (kW, PI, TC, PI). Rows are grouped by indoor air temperature (130, 120, 110, 100) and outdoor air temperature (-5.0 to 50.0).

Table with columns for Combination, Outdoor air temp., Indoor air temp. °CDB (13.9, 16.1, 17.8, 19.4, 21.1, 22.2, 23.9), and Capacity (kW, PI, TC, PI). Rows are grouped by indoor air temperature (80, 70, 60, 50) and outdoor air temperature (-5.0 to 50.0).

TC Total capacity; kW
PI Power Input; kW (Comp.+Outdoor fan motor)
Note1. is shown as reference.
2. This tables reflect performance of the outdoor unit only. And not an entire system.
3. Other factors such as indoor unit power consumption, piping losses, etc. are not included.
And actual results may vary according to conditions of use.

1. Capacity Tables (Reference Data)

REYQ312XBYCA Cooling Capacity for Standard Condition (Te: 6°C)

Combination	Outdoor air temp. °CDB	Indoor air temp. °CDB																																																																																																																																																																																																																																																																																																																																																																					
		13.9			16.1			17.8			19.4			21.1			22.2			23.9																																																																																																																																																																																																																																																																																																																																																			
		TC	PI	KW	TC	PI	KW	TC	PI	KW	TC	PI	KW	TC	PI	KW	TC	PI	KW	TC	PI	KW	TC	PI	KW																																																																																																																																																																																																																																																																																																																																														
-5.0	69.3	9.34	88.8	12.3	103	14.6	118	17.1	128	18.9	130	18.9	133	19.1	-1.1	42.6	5.94	54.7	7.52	63.7	8.80	72.7	10.8	81.7	11.2	87.7	12.1	86.7	13.0	10.0	42.6	6.17	54.7	7.84	63.7	9.20	72.7	10.6	81.7	12.1	87.7	13.1	86.7	14.7	12.2	42.6	6.43	54.7	8.20	63.7	9.63	72.7	11.1	81.7	12.7	87.7	13.8	96.7	15.4	14.4	42.6	6.53	54.7	8.35	63.7	9.82	72.7	11.4	81.7	13.0	87.7	14.1	96.7	15.9	16.7	42.6	6.65	54.7	8.51	63.7	10.0	72.7	11.6	81.7	13.2	87.7	14.4	96.7	16.5	18.9	42.6	6.77	54.7	8.68	63.7	10.2	72.7	11.8	81.7	13.5	87.7	14.8	96.7	17.0	21.1	42.6	6.89	54.7	8.86	63.7	10.4	72.7	12.1	81.7	13.8	87.7	15.3	96.7	17.6	23.9	42.6	7.02	54.7	9.04	63.7	10.7	72.7	12.4	81.7	14.5	87.7	16.1	96.7	18.6	26.1	42.6	7.19	54.7	9.34	63.7	11.3	72.7	13.6	81.7	16.0	87.7	17.7	96.7	20.4	28.3	42.6	7.47	54.7	10.0	63.7	12.2	72.7	14.6	81.7	17.2	87.7	19.1	96.7	22.0	30.6	42.6	7.84	54.7	10.7	63.7	13.1	72.7	15.7	81.7	18.5	87.7	20.5	96.7	23.8	32.8	42.6	8.20	54.7	11.5	63.7	14.0	72.7	16.8	81.7	19.9	87.7	22.1	96.7	25.3	33.9	42.6	8.52	54.7	11.5	63.7	14.0	72.7	16.8	81.7	19.9	87.7	22.1	96.7	25.3	35.0	42.6	8.99	54.7	12.3	63.7	15.0	72.7	18.0	81.7	21.3	87.7	23.7	96.7	27.4	37.2	42.6	9.38	54.7	12.7	63.7	15.5	72.7	18.7	81.7	21.7	87.7	24.6	96.7	29.9	39.4	42.6	9.69	54.7	13.1	63.7	16.1	72.7	19.3	81.7	22.9	87.7	25.5	92.5	27.4	41.1	42.6	10.3	54.7	14.0	63.7	17.2	72.7	20.7	81.7	24.6	87.7	27.3	90.9	28.6	43.3	42.6	10.7	54.7	15.0	63.7	18.4	72.7	22.2	81.7	26.3	87.7	29.4	92.5	29.5	46.1	42.6	11.7	54.7	16.0	63.7	19.6	72.7	23.7	81.7	28.1	86.3	30.6	88.0	30.8	47.8	42.6	12.7	54.7	17.4	63.7	21.4	72.7	25.8	81.7	30.7	84.6	32.3	85.0	32.3	48.1	42.6	14.0	54.7	19.2	63.7	23.8	72.7	28.8	73.8	32.9	73.8	32.8	74.0	32.8	47.8	42.6	14.8	54.7	20.5	63.7	24.2	64.0	27.7	64.2	27.7	64.3	27.7	64.4	27.8	50.0	42.6	16.0	50.9	20.9	51.1	21.0	51.2	21.0	51.4	21.1	51.5	21.1	51.6	21.1

Combination	Outdoor air temp. °CDB	Indoor air temp. °CDB																																																																																																																																																																																																																																																																																																																																																																					
		13.9			16.1			17.8			19.4			21.1			22.2			23.9																																																																																																																																																																																																																																																																																																																																																			
		TC	PI	KW	TC	PI	KW	TC	PI	KW	TC	PI	KW	TC	PI	KW	TC	PI	KW	TC	PI	KW	TC	PI	KW																																																																																																																																																																																																																																																																																																																																														
-5.0	42.6	5.80	54.7	7.31	63.7	8.54	72.7	9.83	81.7	11.2	87.7	12.1	86.7	13.0	-1.1	42.6	5.94	54.7	7.52	63.7	8.80	72.7	10.8	81.7	11.5	87.7	12.5	96.7	14.5	4.4	42.6	6.17	54.7	7.84	63.7	9.20	72.7	10.6	81.7	12.1	87.7	13.1	86.7	14.7	10.0	42.6	6.43	54.7	8.20	63.7	9.63	72.7	11.1	81.7	12.7	87.7	13.8	96.7	15.4	12.2	42.6	6.53	54.7	8.35	63.7	9.82	72.7	11.4	81.7	13.0	87.7	14.1	96.7	15.9	14.4	42.6	6.65	54.7	8.51	63.7	10.0	72.7	11.6	81.7	13.2	87.7	14.4	96.7	16.5	16.7	42.6	6.77	54.7	8.68	63.7	10.2	72.7	11.8	81.7	13.5	87.7	14.8	96.7	17.0	18.9	42.6	6.89	54.7	8.86	63.7	10.4	72.7	12.1	81.7	13.8	87.7	15.3	96.7	17.6	21.1	42.6	7.02	54.7	9.04	63.7	10.7	72.7	12.4	81.7	14.5	87.7	16.1	96.7	18.6	23.9	42.6	7.19	54.7	9.34	63.7	11.3	72.7	13.6	81.7	16.0	87.7	17.7	96.7	20.4	28.3	42.6	7.47	54.7	10.0	63.7	12.2	72.7	14.6	81.7	17.2	87.7	19.1	96.7	22.0	30.6	42.6	7.84	54.7	10.7	63.7	13.1	72.7	15.7	81.7	18.5	87.7	20.5	96.7	23.8	32.8	42.6	8.20	54.7	11.5	63.7	14.0	72.7	16.8	81.7	19.9	87.7	22.1	96.7	25.3	33.9	42.6	8.52	54.7	11.5	63.7	14.0	72.7	16.8	81.7	19.9	87.7	22.1	96.7	25.3	35.0	42.6	8.99	54.7	12.3	63.7	15.0	72.7	18.0	81.7	21.3	87.7	23.7	96.7	27.4	37.2	42.6	9.38	54.7	12.7	63.7	15.5	72.7	18.7	81.7	21.7	87.7	24.6	96.7	29.9	39.4	42.6	9.69	54.7	13.1	63.7	16.1	72.7	19.3	81.7	22.9	87.7	25.5	92.5	27.4	41.1	42.6	10.3	54.7	14.0	63.7	17.2	72.7	20.7	81.7	24.6	87.7	27.3	90.9	28.6	43.3	42.6	10.7	54.7	15.0	63.7	18.4	72.7	22.2	81.7	26.3	87.7	29.4	92.5	29.5	46.1	42.6	11.7	54.7	16.0	63.7	19.6	72.7	23.7	81.7	28.1	86.3	30.6	88.0	30.8	47.8	42.6	12.7	54.7	17.4	63.7	21.4	72.7	25.8	81.7	30.7	84.6	32.3	85.0	32.3	48.1	42.6	14.0	54.7	19.2	63.7	23.8	72.7	28.8	73.8	32.9	73.8	32.8	74.0	32.8	47.8	42.6	14.8	54.7	20.5	63.7	24.2	64.0	27.7	64.2	27.7	64.3	27.7	64.4	27.8	50.0	42.6	16.0	50.9	20.9	51.1	21.0	51.2	21.0	51.4	21.1	51.5	21.1	51.6	21.1

TC Total capacity; kW
 PI Power Input; kW (Comp.+Outdoor fan motor)
 Note1. is shown as reference.
 2. This tables reflect performance of the outdoor unit only. And not an entire system.
 3. Other factors such as indoor unit power consumption, piping losses, etc. are not included.
 And actual results may vary according to conditions of use.

REYQ336XBYCA Cooling Capacity for Standard Condition (Te: 6°C)

Table with columns for Combination, Outdoor air temp., Indoor air temp. °CDB, and capacity values (kW, PI) for various conditions. Includes sub-sections for 130, 120, 110, and 100.

Table with columns for Combination, Outdoor air temp., Indoor air temp. °CDB, and capacity values (kW, PI) for various conditions. Includes sub-sections for 80, 70, 60, and 50.

TC Total capacity; kW
PI Power Input; kW (Comp.+Outdoor fan motor)
Note 1. is shown as reference.
2. These tables reflect performance of the outdoor unit only. And not an entire system.
3. Other factors such as indoor unit power consumption, piping losses, etc. are not included.
And actual results may vary according to conditions of use.

1. Capacity Tables (Reference Data)

REYQ360XBYCA Cooling Capacity for Standard Condition (Te: 6°C)

Combination	Outdoor air temp.	Indoor air temp. °CDB															
		13.9			16.1			17.8			21.1			23.9			
		TC	PI	KW	TC	PI	KW	TC	PI	KW	TC	PI	KW	TC	PI	KW	
-5.0	80.0	9.27	103	12.2	119	14.5	136	16.9	148	18.7	150	18.8	153	18.9	18.9	153	18.9
-1.1	80.0	9.55	103	12.6	119	15.0	136	17.6	146	19.2	148	19.3	151	19.5	19.5	151	19.5
4.4	80.0	9.99	103	13.2	119	15.7	136	19.0	141	19.6	143	19.7	146	19.9	19.9	146	19.9
10.0	80.0	10.5	103	13.9	119	16.9	133	19.8	136	20.0	138	20.1	141	20.2	20.2	141	20.2
12.2	80.0	10.7	103	14.2	119	17.5	131	19.9	134	20.1	136	20.2	139	20.4	20.4	139	20.4
14.4	80.0	10.9	103	14.5	119	18.1	129	20.1	132	20.3	134	20.4	138	20.6	20.6	138	20.6
16.7	80.0	11.1	103	14.9	119	18.7	127	20.2	130	20.4	132	20.5	136	20.7	20.7	136	20.7
18.9	80.0	11.4	103	15.4	119	19.3	125	20.4	128	20.6	131	20.7	134	20.9	20.9	134	20.9
21.1	80.0	11.6	103	16.2	119	20.4	123	20.9	127	21.1	129	21.2	132	21.4	21.4	132	21.4
22.2	80.0	11.9	103	16.9	119	21.2	122	21.4	126	21.6	128	21.8	131	22.0	22.0	131	22.0
23.9	80.0	12.6	103	17.9	118	22.0	121	22.2	124	22.4	126	22.6	129	22.8	22.8	129	22.8
26.1	80.0	13.5	103	19.3	116	23.0	119	23.3	122	23.5	124	23.7	128	23.9	23.9	128	23.9
28.3	80.0	14.6	103	20.7	114	24.1	117	24.3	120	24.6	122	24.8	126	25.0	25.0	126	25.0
30.6	80.0	15.6	103	22.3	112	25.2	115	25.4	118	25.7	121	25.9	124	26.1	26.1	124	26.1
32.8	80.0	16.7	103	24.0	110	26.2	113	26.5	117	26.8	119	27.0	120	27.1	27.1	120	27.1
33.9	80.0	17.3	103	24.8	109	26.8	112	27.0	116	27.3	118	27.5	118	27.5	27.5	118	27.5
35.0	80.0	17.9	103	25.7	108	27.3	111	27.6	115	27.9	116	28.0	116	28.0	28.0	116	28.0
37.2	80.0	19.2	103	27.6	106	28.4	110	28.7	111	28.8	111	28.8	111	28.8	28.8	111	28.8
39.4	80.0	20.6	101	29.1	104	29.4	106	29.6	106	29.6	106	29.6	106	29.6	29.6	106	29.6
41.1	80.0	21.9	99.8	30.3	103	30.6	103	30.6	103	30.6	103	30.6	103	30.6	30.6	103	30.6
43.3	80.0	23.9	97.9	32.0	97.9	32.0	98.0	32.0	98.0	32.0	98.0	32.0	98.1	32.0	32.0	98.1	32.0
46.1	80.0	26.6	84.6	32.3	84.8	32.3	85.0	32.4	85.1	32.4	85.3	32.4	85.4	32.5	32.5	85.4	32.5
47.8	73.3	27.3	73.5	27.3	73.7	27.4	74.1	27.5	74.2	27.5	74.4	27.5	74.4	27.5	27.5	74.4	27.5
50.0	58.5	20.7	58.8	20.7	58.9	20.8	59.1	20.8	59.3	20.8	59.4	20.9	59.6	20.9	20.9	59.6	20.9

Combination	Outdoor air temp.	Indoor air temp. °CDB															
		13.9			16.1			17.8			21.1			23.9			
		TC	PI	KW	TC	PI	KW	TC	PI	KW	TC	PI	KW	TC	PI	KW	
-5.0	49.3	5.75	63.1	7.25	73.5	8.47	83.9	9.75	94.3	11.1	101	12.0	112	13.4	13.4	112	13.4
-1.1	49.3	5.89	63.1	7.46	73.5	8.73	83.9	10.1	94.3	11.4	101	12.4	112	13.9	13.9	112	13.9
4.4	49.3	6.12	63.1	7.78	73.5	9.12	83.9	10.5	94.3	12.0	101	13.0	112	14.6	14.6	112	14.6
10.0	49.3	6.37	63.1	8.13	73.5	9.56	83.9	11.1	94.3	12.6	101	13.7	112	15.3	15.3	112	15.3
12.2	49.3	6.48	63.1	8.29	73.5	9.74	83.9	11.3	94.3	12.9	101	14.0	112	15.8	15.8	112	15.8
14.4	49.3	6.59	63.1	8.45	73.5	9.94	83.9	11.5	94.3	13.1	101	14.3	112	16.3	16.3	112	16.3
16.7	49.3	6.71	63.1	8.61	73.5	10.1	83.9	11.8	94.3	13.4	101	14.7	112	16.9	16.9	112	16.9
18.9	49.3	6.83	63.1	8.78	73.5	10.4	83.9	12.0	94.3	13.7	101	15.2	112	17.5	17.5	112	17.5
21.1	49.3	6.96	63.1	8.97	73.5	10.6	83.9	12.3	94.3	14.4	101	15.9	112	18.4	18.4	112	18.4
22.2	49.3	7.03	63.1	9.06	73.5	10.7	83.9	12.7	94.3	15.0	101	16.6	112	19.1	19.1	112	19.1
23.9	49.3	7.13	63.1	9.26	73.5	11.3	83.9	13.4	94.3	15.8	101	17.5	112	20.3	20.3	112	20.3
26.1	49.3	7.41	63.1	9.94	73.5	12.1	83.9	14.5	94.3	17.1	101	18.9	112	21.9	21.9	112	21.9
28.3	49.3	7.92	63.1	10.6	73.5	13.0	83.9	15.5	94.3	18.3	101	20.4	112	23.6	23.6	112	23.6
30.6	49.3	8.45	63.1	11.4	73.5	13.9	83.9	16.7	94.3	19.7	101	21.9	111	25.0	25.0	111	25.0
32.8	49.3	9.01	63.1	12.2	73.5	14.9	83.9	17.9	94.3	21.2	101	23.5	109	26.1	26.1	109	26.1
33.9	49.3	9.31	63.1	12.6	73.5	15.4	83.9	18.5	94.3	21.9	101	24.4	108	26.6	26.6	108	26.6
35.0	49.3	9.61	63.1	13.0	73.5	16.0	83.9	19.2	94.3	22.7	101	25.2	107	27.1	27.1	107	27.1
37.2	49.3	10.2	63.1	13.9	73.5	17.1	83.9	20.6	94.3	24.4	101	27.1	105	28.2	28.2	105	28.2
39.4	49.3	10.9	63.1	14.9	73.5	18.3	83.9	22.0	94.3	26.1	101	29.1	103	29.3	29.3	103	29.3
41.1	49.3	11.6	63.1	15.8	73.5	19.5	83.9	23.5	94.3	27.9	99.6	30.3	102	30.5	30.5	102	30.5
43.3	49.3	12.6	63.1	17.2	73.5	21.2	83.9	25.6	94.3	30.7	97.7	32.0	98.1	32.0	32.0	98.1	32.0
46.1	49.3	13.9	63.1	19.1	73.5	23.6	83.9	28.5	85.1	32.4	85.3	32.4	85.4	32.5	32.5	85.4	32.5
47.8	49.3	14.7	63.1	20.3	73.5	27.0	73.9	27.4	74.1	27.5	74.2	27.5	74.4	27.5	27.5	74.4	27.5
50.0	49.3	15.9	58.8	20.7	58.9	20.8	59.1	20.8	59.3	20.8	59.4	20.9	59.6	20.9	20.9	59.6	20.9

TC Total capacity; kW
 PI Power Input; kW (Comp.+Outdoor fan motor)
 Note1. is shown as reference.
 2. This tables reflect performance of the outdoor unit only. And not an entire system.
 3. Other factors such as indoor unit power consumption, piping losses, etc. are not included.
 And actual results may vary according to conditions of use.

REYQ384XBYCA Cooling Capacity for Standard Condition (Te: 6°C)

Table with columns: Combination, Outdoor air temp., Indoor air temp. °CDB (13.9, 16.1, 17.8, 19.4, 21.1, 22.2, 23.9), and Capacity (kW, PI). Rows are grouped by indoor air temperature (130, 120, 110, 100, 90) and outdoor air temperature (-5.0 to 50.0).

Table with columns: Combination, Outdoor air temp., Indoor air temp. °CDB (13.9, 16.1, 17.8, 19.4, 21.1, 22.2, 23.9), and Capacity (kW, PI). Rows are grouped by indoor air temperature (80, 70, 60, 50) and outdoor air temperature (-5.0 to 50.0).

TC Total capacity; kW
PI Power Input; kW (Comp.+Outdoor fan motor)
Note1. is shown as reference.
2. This tables reflect performance of the outdoor unit only. And not an entire system.
3. Other factors such as indoor unit power consumption, piping losses, etc. are not included.
And actual results may vary according to conditions of use.

1. Capacity Tables (Reference Data)

REYQ408XBYCA Cooling Capacity for Standard Condition (Te: 6°C)

Table with columns for Combination, Outdoor air temp., Indoor air temp. °CDB (13.9, 16.1, 17.8, 19.4, 21.1, 22.2, 23.9), and Capacity (kW, PI, TC, PI). Rows are grouped by capacity (130, 120, 110, 100, 90).

Table with columns for Combination, Outdoor air temp., Indoor air temp. °CDB (13.9, 16.1, 17.8, 19.4, 21.1, 22.2, 23.9), and Capacity (kW, PI, TC, PI). Rows are grouped by capacity (80, 70, 60, 50).

TC Total capacity; kW
PI Power Input; kW (Comp.+Outdoor fan motor)
Note 1. is shown as reference.
2. This tables reflect performance of the outdoor unit only. And not an entire system.
3. Other factors such as indoor unit power consumption, piping losses, etc. are not included.
And actual results may vary according to conditions of use.

REYQ432XBYCA Cooling Capacity for Standard Condition (Te: 6°C)

Table with columns: Combination, Outdoor air temp., Indoor air temp. °CDB (13.9, 16.1, 17.8, 19.4, 21.1, 22.2, 23.9), and Capacity (kW, PI, TC, PI, TC, PI, TC, PI, TC, PI, TC, PI). Rows are grouped by indoor air temperature (130, 120, 110, 100) and outdoor air temperature (-5.0 to 50.0).

Table with columns: Combination, Outdoor air temp., Indoor air temp. °CDB (13.9, 16.1, 17.8, 19.4, 21.1, 22.2, 23.9), and Capacity (kW, PI, TC, PI, TC, PI, TC, PI, TC, PI, TC, PI). Rows are grouped by indoor air temperature (80, 70, 60, 50) and outdoor air temperature (-5.0 to 50.0).

TC Total capacity; kW
PI Power Input; kW (Comp.+Outdoor fan motor)
Note1. is shown as reference.
2. This tables reflect performance of the outdoor unit only. And not an entire system.
3. Other factors such as indoor unit power consumption, piping losses, etc. are not included. And other results may vary according to conditions of use.

1. Capacity Tables (Reference Data)

1.4 Heating Capacity for Standard Condition (Tc: 115°F (46°C)) (REYQ-XBYCA)

1.4.1 Fahrenheit

REYQ72XBYCA Heating Capacity for Standard Condition (Tc: 115°F)

Combination	Outdoor air temp.		Indoor air temp. ° FDB													
			61		65		68		70		72		75			
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI		
%	° FDB	° FWB	MBH	KW	MBH	KW	MBH	KW	MBH	KW	MBH	KW	MBH	KW	MBH	KW
130	-12.6	-13.0	51.2	4.73	51.0	5.17	50.8	5.49	50.7	5.71	50.6	5.93	50.4	6.26		
	-9.0	-9.4	56.0	5.14	55.7	5.55	55.6	5.85	55.4	6.06	55.3	6.26	55.1	6.57		
	-3.64	-4.0	63.4	5.66	63.2	6.03	63.0	6.31	62.8	6.49	62.7	6.68	62.5	6.96		
	-1.84	-2.2	65.3	5.82	65.1	6.18	64.9	6.44	64.7	6.62	64.6	6.80	64.4	7.07		
	5.5	5.0	72.9	6.35	72.7	6.67	72.5	6.90	72.3	7.06	72.2	7.22	72.0	7.46		
	9.5	8.5	76.6	6.56	76.4	6.87	76.2	7.09	76.0	7.25	75.9	7.40	75.7	7.62		
	13.0	12.0	80.3	6.76	80.0	7.05	79.8	7.27	79.7	7.41	79.6	7.55	79.4	7.77		
	15.0	14.0	82.4	6.87	82.2	7.15	82.0	7.36	81.8	7.50	81.7	7.64	81.5	7.85		
	17.0	15.5	84.0	6.94	83.7	7.22	83.5	7.42	83.4	7.56	83.3	7.70	83.1	7.90		
	19.0	18.0	86.6	7.06	86.4	7.33	86.2	7.53	86.1	7.66	85.9	7.79	85.7	7.99		
	22.0	20.0	88.7	7.15	88.5	7.41	88.3	7.60	88.2	7.73	88.0	7.86	87.8	8.06		
	26.0	24.0	93.0	7.32	92.7	7.58	92.5	7.75	92.4	7.87	92.3	8.00	92.1	8.18		
	30.0	28.0	97.2	7.47	96.9	7.70	96.7	7.88	96.6	8.00	96.5	8.12	93.5	7.92		
35.0	32.0	101	7.61	101	7.83	101	8.00	101	8.12	101	8.22	93.5	7.99			
39.0	36.0	106	7.73	105	7.95	105	8.11	105	8.22	101	7.79	93.5	7.10			
44.0	40.0	110	7.85	110	8.06	109	8.22	105	7.84	101	7.40	93.5	6.75			
47.0	43.0	113	7.94	113	8.14	110	7.99	105	7.55	101	7.13	93.5	6.51			
51.0	47.0	117	8.04	117	8.23	110	7.61	105	7.20	101	6.80	93.5	6.22			
54.0	50.0	120	8.11	117	7.96	110	7.35	105	6.96	101	6.57	93.5	6.01			
57.0	53.0	124	8.18	117	7.69	110	7.11	105	6.73	101	6.36	93.5	5.82			
60.0	56.0	126	8.22	117	7.44	110	6.88	105	6.52	101	6.16	93.5	5.64			
120	-12.6	-13.0	51.0	5.18	50.8	5.59	50.6	5.89	50.5	6.09	50.4	6.29	50.2	6.60		
	-9.0	-9.4	55.7	5.56	55.5	5.94	55.3	6.22	55.2	6.41	55.1	6.60	54.9	6.88		
	-3.64	-4.0	63.2	6.05	62.9	6.39	62.7	6.64	62.6	6.81	62.5	6.98	62.3	7.24		
	-1.84	-2.2	65.1	6.19	64.8	6.52	64.6	6.76	64.5	6.93	64.4	7.10	64.2	7.34		
	5.5	5.0	72.7	6.68	72.4	6.97	72.2	7.19	72.1	7.34	72.0	7.48	71.8	7.71		
	9.5	8.5	76.3	6.88	76.1	7.16	75.9	7.37	75.8	7.51	75.7	7.65	75.5	7.86		
	13.0	12.0	80.0	7.06	79.8	7.33	79.6	7.53	79.5	7.66	79.4	7.79	79.2	7.99		
	15.0	14.0	82.1	7.16	81.9	7.42	81.7	7.61	81.6	7.74	81.5	7.87	81.3	8.06		
	17.0	15.5	83.7	7.23	83.5	7.48	83.3	7.67	83.2	7.80	83.1	7.92	82.9	8.11		
	19.0	18.0	86.4	7.33	86.1	7.58	85.9	7.77	85.8	7.89	85.7	8.01	85.5	8.20		
	22.0	20.0	88.5	7.42	88.2	7.66	88.1	7.84	87.9	7.96	87.8	8.08	86.4	8.06		
	26.0	24.0	92.7	7.57	92.5	7.80	92.3	7.97	92.2	8.09	92.0	8.26	86.4	7.58		
	30.0	28.0	96.9	7.71	96.7	7.93	96.5	8.09	96.4	8.20	92.9	7.84	86.4	7.15		
35.0	32.0	101	7.84	101	8.05	101	8.21	97.2	7.86	92.9	7.42	86.4	6.77			
39.0	36.0	105	7.96	105	8.16	102	7.88	97.2	7.45	92.9	7.03	86.4	6.43			
44.0	40.0	110	8.07	108	8.10	102	7.48	97.2	7.08	92.9	6.69	86.4	6.12			
47.0	43.0	113	8.14	108	7.81	102	7.21	97.2	6.83	92.9	6.45	86.4	5.90			
51.0	47.0	117	8.21	108	7.44	102	6.88	97.2	6.52	92.9	6.16	86.4	5.64			
54.0	50.0	117	7.93	108	7.19	102	6.65	97.2	6.30	92.9	5.96	86.4	5.46			
57.0	53.0	117	7.67	108	6.95	102	6.43	97.2	6.10	92.9	5.77	86.4	5.29			
60.0	56.0	117	7.42	108	6.73	102	6.23	97.2	5.91	92.9	5.59	86.4	5.13			
110	-12.6	-13.0	50.7	5.63	50.5	6.01	50.4	6.28	50.3	6.47	50.2	6.65	50.0	6.93		
	-9.0	-9.4	55.5	5.98	55.3	6.33	55.1	6.59	55.0	6.76	54.9	6.93	54.7	7.19		
	-3.64	-4.0	62.9	6.43	62.7	6.74	62.5	6.97	62.4	7.13	62.3	7.29	62.1	7.52		
	-1.84	-2.2	64.8	6.56	64.6	6.86	64.4	7.09	64.3	7.24	64.2	7.39	64.0	7.62		
	5.5	5.0	72.4	7.01	72.2	7.28	72.0	7.48	71.9	7.61	71.8	7.75	71.6	7.95		
	9.5	8.5	76.1	7.19	75.9	7.45	75.7	7.64	75.6	7.77	75.5	7.89	75.3	8.09		
	13.0	12.0	79.8	7.36	79.5	7.60	79.4	7.78	79.3	7.91	79.2	8.03	79.0	8.21		
	15.0	14.0	81.9	7.45	81.7	7.68	81.5	7.86	81.4	7.98	81.3	8.10	79.2	7.95		
	17.0	15.5	83.5	7.51	83.2	7.74	83.1	7.92	83.0	8.03	82.9	8.15	79.2	7.76		
	19.0	18.0	86.1	7.61	85.9	7.84	85.7	8.00	85.6	8.12	85.1	8.17	79.2	7.45		
	22.0	20.0	88.2	7.69	88.0	7.91	87.8	8.07	87.7	8.18	85.1	7.91	79.2	7.21		
	26.0	24.0	92.4	7.83	92.2	8.04	92.0	8.19	89.1	7.89	85.1	7.44	79.2	6.79		
	30.0	28.0	96.6	7.96	96.4	8.16	93.1	7.87	89.1	7.44	85.1	7.02	79.2	6.42		
35.0	32.0	101	8.08	99.0	8.05	93.1	7.44	89.1	7.04	85.1	6.65	79.2	6.08			
39.0	36.0	105	8.18	99.0	7.63	93.1	7.05	89.1	6.68	85.1	6.31	79.2	5.78			
44.0	40.0	107	8.00	99.0	7.25	93.1	6.71	89.1	6.35	85.1	6.01	79.2	5.50			
47.0	43.0	107	7.71	99.0	6.99	93.1	6.47	89.1	6.13	85.1	5.80	79.2	5.32			
51.0	47.0	107	7.35	99.0	6.67	93.1	6.18	89.1	5.86	85.1	5.54	79.2	5.09			
54.0	50.0	107	7.10	99.0	6.45	93.1	5.98	89.1	5.67	85.1	5.37	79.2	4.93			
57.0	53.0	107	6.87	99.0	6.24	93.1	5.79	89.1	5.49	85.1	5.20	79.2	4.78			
60.0	56.0	107	6.65	99.0	6.05	93.1	5.61	89.1	5.32	85.1	5.04	79.2	4.63			
100	-12.6	-13.0	50.5	6.09	50.3	6.42	50.1	6.68	50.1	6.85	50.0	7.01	49.8	7.27		
	-9.0	-9.4	55.2	6.41	55.0	6.72	54.9	6.95	54.8	7.11	54.7	7.27	54.5	7.50		
	-3.64	-4.0	62.6	6.81	62.4	7.09	62.3	7.31	62.2	7.45	62.1	7.59	61.9	7.80		
	-1.84	-2.2	64.5	6.93	64.3	7.20	64.2	7.41	64.1	7.55	64.0	7.68	63.8	7.89		
	5.5	5.0	72.1	7.34	71.9	7.58	71.8	7.76	71.7	7.89	71.6	8.01	71.4	8.19		
	9.5	8.5	75.8	7.50	75.6	7.74	75.5	7.91	75.4	8.03	75.3	8.14	72.0	7.76		
	13.0	12.0	79.5	7.66	79.3	7.88	79.2	8.04	79.1	8.15	77.4	8.00	72.0	7.29		
	15.0	14.0	81.6	7.74	81.4	7.95	81.3	8.11	81.0	8.19	77.4	7.73	72.0	7.05		
	17.0	15.5	83.2	7.79	83.0	8.01	82.8	8.16	81.0	7.99	77.4	7.54	72.0	6.87		
	19.0	18.0	85.8	7.89	85.6	8.09	84.6	8.11	81.0	7.67	77.4	7.23	72.0	6.61		
	22.0	20.0	87.9	7.96	87.7	8.16	84.6	7.85	81.0	7.43	77.4	7.01	72.0	6.40		
	26.0	24.0	92.2	8.08	90.0	8.00	84.6	7.39	81.0	6.99	77.4	6.60	72.0	6.04		

REYQ96XBYCA Heating Capacity for Standard Condition (Tc: 115°F)

Table with columns for Combination, Outdoor air temp., Indoor air temp. °F DB (61, 65, 68, 70, 72, 75), and Capacity (TC, PI) in MBH and kW. Includes sub-sections for 130, 120, 110, 100, and 90 BTU/hr capacity ranges.

1. Capacity Tables (Reference Data)

TC Total capacity ; MBH
PI Power Input ; kW (Comp.+Outdoor fan motor)
Note 1. This table reflects performance of the outdoor unit only. And not an entire system.
2. Other factors such as indoor unit power consumption, piping losses, etc. are not included.
And actual results may vary according to conditions of use.

REYQ144XBYCA Heating Capacity for Standard Condition (Tc: 115°F)

Table with columns for Combination, Outdoor air temp., Indoor air temp. °F DB (61, 65, 68, 70, 72, 75), and Capacity (MBH, kW). Includes sub-sections for 130, 120, 110, 100, and 90 BTU/hr capacity ranges.

1. Capacity Tables (Reference Data)

REYQ168XBYCA Heating Capacity for Standard Condition (Tc: 115°F)

Combination	Outdoor air temp.		Indoor air temp. ° FDB													
			61		65		68		70		72		75			
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI		
%	° FDB	° FWB	MBH	KW	MBH	KW	MBH	KW	MBH	KW	MBH	KW	MBH	KW	MBH	KW
130	-12.6	-13.0	102	7.48	102	8.67	101	9.56	101	10.2	101	10.8	100	11.6		
	-9.0	-9.4	107	7.91	106	9.07	106	9.94	106	10.5	105	11.1	105	12.0		
	-3.64	-4.0	115	8.66	115	9.76	114	10.6	114	11.1	114	11.7	113	12.5		
	-1.84	-2.2	117	8.93	117	10.0	116	10.8	116	11.4	116	11.9	115	12.7		
	5.5	5.0	127	10.1	126	11.1	126	11.8	125	12.3	125	12.8	125	13.6		
	9.5	8.5	132	10.7	132	11.6	131	12.3	131	12.8	130	13.3	130	14.0		
	13.0	12.0	138	11.2	137	12.1	137	12.8	137	13.3	136	13.7	136	14.4		
	15.0	14.0	142	11.6	141	12.5	141	13.1	140	13.6	140	14.0	139	14.7		
	17.0	15.5	144	11.8	144	12.7	143	13.3	143	13.8	143	14.2	142	14.9		
	19.0	18.0	149	12.2	149	13.1	148	13.7	148	14.1	148	14.5	147	15.2		
	22.0	20.0	153	12.5	153	13.4	152	14.0	152	14.4	152	14.8	151	15.4		
	26.0	24.0	162	13.2	161	13.9	161	14.5	161	14.9	160	15.3	160	15.9		
	30.0	28.0	171	13.8	171	14.5	170	15.0	170	15.4	170	15.8	169	16.3		
35.0	32.0	181	14.3	181	15.0	180	15.5	180	15.9	180	16.2	179	16.7			
39.0	36.0	192	14.9	192	15.5	191	16.0	191	16.3	191	16.6	190	17.1			
44.0	40.0	204	15.4	203	16.0	203	16.4	202	16.8	202	17.1	202	17.5			
47.0	43.0	213	15.7	212	16.3	212	16.8	211	17.1	211	17.3	211	17.8			
51.0	47.0	225	16.2	225	16.8	224	17.2	224	17.4	224	17.7	217	17.4			
54.0	50.0	235	16.5	235	17.1	234	17.4	234	17.7	233	18.0	217	16.4			
57.0	53.0	246	16.8	245	17.3	244	17.7	244	18.0	233	17.0	217	15.6			
60.0	56.0	256	17.1	256	17.6	255	18.0	244	17.1	233	16.1	217	14.8			
120	-12.6	-13.0	102	8.71	101	9.81	101	10.6	100	11.2	100	11.7	99.8	12.6		
	-9.0	-9.4	106	9.11	106	10.2	106	11.0	105	11.5	105	12.0	105	12.8		
	-3.64	-4.0	115	9.80	114	10.8	114	11.6	114	12.1	113	12.6	113	13.4		
	-1.84	-2.2	117	10.0	116	11.0	116	11.8	116	12.3	115	12.8	115	13.5		
	5.5	5.0	126	11.1	126	12.0	125	12.7	125	13.2	125	13.6	124	14.3		
	9.5	8.5	132	11.6	131	12.5	131	13.2	130	13.6	130	14.1	130	14.7		
	13.0	12.0	137	12.2	137	13.0	136	13.7	136	14.1	136	14.5	135	15.1		
	15.0	14.0	141	12.5	140	13.3	140	13.9	140	14.3	139	14.7	139	15.4		
	17.0	15.5	144	12.7	143	13.5	143	14.1	143	14.5	142	14.9	142	15.5		
	19.0	18.0	149	13.1	148	13.9	148	14.4	147	14.8	147	15.2	147	15.8		
	22.0	20.0	153	13.4	152	14.1	152	14.7	151	15.1	151	15.5	151	16.0		
	26.0	24.0	161	14.0	161	14.7	160	15.2	160	15.6	160	15.9	159	16.5		
	30.0	28.0	171	14.5	170	15.2	170	15.7	170	16.0	169	16.4	169	16.9		
35.0	32.0	181	15.0	180	15.7	180	16.1	180	16.5	179	16.8	179	17.3			
39.0	36.0	192	15.5	191	16.1	191	16.6	190	16.9	190	17.2	190	17.7			
44.0	40.0	203	16.0	202	16.6	202	17.0	202	17.3	202	17.6	200	17.9			
47.0	43.0	212	16.3	211	16.9	211	17.3	211	17.6	211	17.8	200	16.9			
51.0	47.0	225	16.8	224	17.3	224	17.7	223	17.9	216	17.2	200	15.8			
54.0	50.0	235	17.1	234	17.6	234	17.9	226	17.2	216	16.3	200	14.9			
57.0	53.0	245	17.4	244	17.8	236	17.2	226	16.3	216	15.5	200	14.2			
60.0	56.0	256	17.6	251	17.6	236	16.3	226	15.5	216	14.7	200	13.5			
110	-12.6	-13.0	101	9.94	101	10.9	100	11.7	100	12.2	99.8	12.7	99.4	13.5		
	-9.0	-9.4	106	10.3	105	11.3	105	12.0	105	12.5	105	13.0	104	13.7		
	-3.64	-4.0	114	10.9	114	11.9	113	12.6	113	13.0	113	13.5	112	14.2		
	-1.84	-2.2	116	11.2	116	12.1	115	12.8	115	13.2	115	13.7	114	14.4		
	5.5	5.0	126	12.1	125	13.0	125	13.6	124	14.0	124	14.5	124	15.1		
	9.5	8.5	131	12.6	130	13.4	130	14.0	130	14.4	130	14.9	129	15.5		
	13.0	12.0	137	13.1	136	13.9	136	14.5	136	14.9	135	15.2	135	15.8		
	15.0	14.0	140	13.4	140	14.2	139	14.7	139	15.1	139	15.5	139	16.0		
	17.0	15.5	143	13.6	143	14.3	142	14.9	142	15.3	142	15.6	141	16.2		
	19.0	18.0	148	14.0	148	14.7	147	15.2	147	15.6	147	15.9	146	16.4		
	22.0	20.0	152	14.2	152	14.9	151	15.4	151	15.8	151	16.1	150	16.6		
	26.0	24.0	161	14.8	160	15.4	160	15.9	160	16.2	159	16.6	159	17.0		
	30.0	28.0	170	15.3	170	15.9	169	16.3	169	16.6	169	17.0	168	17.4		
35.0	32.0	180	15.7	180	16.3	179	16.8	179	17.1	179	17.3	178	17.8			
39.0	36.0	191	16.2	190	16.8	190	17.2	190	17.4	190	17.7	184	17.3			
44.0	40.0	202	16.6	202	17.2	202	17.5	201	17.8	198	17.6	184	16.1			
47.0	43.0	211	17.0	211	17.4	211	17.8	207	17.6	198	16.6	184	15.2			
51.0	47.0	224	17.3	224	17.6	216	17.2	207	16.4	198	15.5	184	14.2			
54.0	50.0	234	17.6	230	17.6	216	16.3	207	15.5	198	14.7	184	13.5			
57.0	53.0	244	17.9	230	16.7	216	15.5	207	14.7	198	13.9	184	12.8			
60.0	56.0	248	17.4	230	15.8	216	14.7	207	14.0	198	13.3	184	12.2			
100	-12.6	-13.0	101	11.2	100	12.1	99.7	12.8	99.5	13.2	99.3	13.7	99.0	14.4		
	-9.0	-9.4	105	11.5	105	12.4	104	13.1	104	13.5	104	14.0	104	14.6		
	-3.64	-4.0	114	12.1	113	12.9	113	13.6	113	14.0	112	14.4	112	15.0		
	-1.84	-2.2	116	12.3	115	13.1	115	13.7	115	14.2	114	14.6	114	15.2		
	5.5	5.0	125	13.2	124	13.9	124	14.5	124	14.9	124	15.3	123	15.9		
	9.5	8.5	130	13.6	130	14.4	129	14.9	129	15.3	129	15.6	129	16.2		
	13.0	12.0	136	14.1	136	14.8	135	15.3	135	15.6	135	16.0	135	16.5		
	15.0	14.0	140	14.3	139	15.0	139	15.5	139	15.9	138	16.2	138	16.7		
	17.0	15.5	143	14.5	142	15.2	142	15.7	141	16.0	141	16.4	141	16.9		
	19.0	18.0	147	14.8	147	15.5	147	16.0	146	16.3	146	16.6	146	17.1		
	22.0	20.0	151	15.1	151	15.7	151	16.2	150	16.5	150	16.8	150	17.3		
	26.0	24.0	160	15.6	160	16.1	159	16.6	159	16.9	159	17.2	159	17.6		
	30.0	28.0	170	16.0	169	16.6	169	17.0	169	17.3	168	17.6	167	17.8		
35.0	32.0	180	16.5	179	17.0	179	17.4	179	17.6	178	17.9	167	16.6			
39.0	36.0	190	16.9	190	17.4	190	17.7	188	17.8	180	16.8	167	15.4			
44.0	40.0	202														

REYQ192XBYCA Heating Capacity for Standard Condition (Tc: 115°F)

Combination	Outdoor air temp.		Indoor air temp. ° FDB													
			61		65		68		70		72		75			
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI		
%	° FDB	° FWB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
130	-12.6	-13.0	139	12.4	138	13.6	138	14.4	137	15.0	137	15.6	137	16.4	136	16.4
	-9.0	-9.4	145	12.9	145	14.0	144	14.8	144	15.3	144	15.9	143	16.7	142	16.7
	-3.64	-4.0	157	13.6	156	14.6	156	15.4	155	15.9	155	16.4	155	17.2	154	17.2
	-1.84	-2.2	160	13.8	159	14.8	158	15.6	158	16.1	158	16.6	157	17.4	156	17.4
	5.5	5.0	173	14.9	172	15.9	171	16.6	171	17.0	171	17.5	170	18.2	169	18.2
	9.5	8.5	180	15.5	179	16.4	179	17.1	178	17.5	178	18.0	177	18.6	176	18.6
	13.0	12.0	188	16.0	187	16.9	187	17.5	186	18.0	186	18.4	185	19.1	184	19.1
	15.0	14.0	193	16.3	192	17.2	192	17.8	191	18.2	191	18.7	190	19.3	188	19.3
	17.0	15.5	197	16.6	196	17.4	195	18.0	195	18.4	195	18.8	194	19.5	192	19.5
	19.0	18.0	203	17.0	203	17.8	202	18.4	202	18.8	201	19.2	201	19.8	199	19.8
	22.0	20.0	209	17.3	208	18.0	208	18.6	207	19.0	207	19.4	207	20.0	205	20.0
	26.0	24.0	221	17.9	220	18.6	220	19.1	219	19.5	219	19.9	219	20.4	217	20.4
30.0	28.0	234	18.4	233	19.1	233	19.6	232	20.0	232	20.3	231	20.8	228	20.8	
35.0	32.0	248	19.0	247	19.6	246	20.1	246	20.4	246	20.8	245	21.2	241	21.2	
39.0	36.0	262	19.5	262	20.1	261	20.6	261	20.9	261	21.2	249	20.2	246	20.2	
44.0	40.0	278	20.0	277	20.6	277	21.0	277	21.3	268	20.6	249	18.8	244	18.8	
47.0	43.0	291	20.3	290	20.9	289	21.3	281	20.6	268	19.4	249	17.7	243	17.7	
51.0	47.0	308	20.8	307	21.3	293	20.2	281	19.1	268	18.0	249	16.5	238	16.5	
54.0	50.0	322	21.1	312	20.6	293	19.1	281	18.1	268	17.1	249	15.6	233	15.6	
57.0	53.0	336	21.4	312	19.5	293	18.0	281	17.1	268	16.2	249	14.8	228	14.8	
60.0	56.0	337	20.3	312	18.5	293	17.1	281	16.2	268	15.3	249	14.1	223	14.1	
120	-12.6	-13.0	138	13.6	138	14.7	137	15.4	137	16.0	137	16.5	136	17.3	135	17.3
	-9.0	-9.4	145	14.0	144	15.0	144	15.8	143	16.3	143	16.8	143	17.5	142	17.5
	-3.64	-4.0	156	14.6	156	15.6	156	16.3	155	16.8	155	17.3	154	18.0	153	18.0
	-1.84	-2.2	159	14.9	158	15.8	158	16.5	158	17.0	157	17.5	157	18.2	156	18.2
	5.5	5.0	172	15.9	171	16.8	171	17.4	170	17.9	170	18.3	170	19.0	169	19.0
	9.5	8.5	179	16.4	178	17.2	178	17.9	178	18.3	177	18.7	177	19.3	176	19.3
	13.0	12.0	187	16.9	187	17.7	186	18.3	186	18.7	185	19.1	185	19.7	184	19.7
	15.0	14.0	192	17.2	191	18.0	191	18.6	191	19.0	190	19.4	190	19.9	189	19.9
	17.0	15.5	196	17.4	195	18.2	195	18.8	195	19.1	194	19.5	194	20.1	193	20.1
	19.0	18.0	203	17.8	202	18.5	202	19.1	201	19.4	201	19.8	200	20.4	200	20.4
	22.0	20.0	208	18.1	208	18.8	207	19.3	207	19.7	207	20.0	206	20.6	205	20.6
	26.0	24.0	220	18.6	220	19.3	219	19.8	219	20.1	218	20.5	218	21.0	217	21.0
30.0	28.0	233	19.1	232	19.8	232	20.3	232	20.6	231	20.9	230	21.3	229	21.3	
35.0	32.0	247	19.6	246	20.2	246	20.7	246	21.0	245	21.3	230	19.7	224	19.7	
39.0	36.0	262	20.1	261	20.7	261	21.1	259	21.2	248	20.0	230	18.3	225	18.3	
44.0	40.0	277	20.6	277	21.1	271	20.8	259	19.7	248	18.6	230	17.0	220	17.0	
47.0	43.0	290	20.9	288	21.3	271	19.7	259	18.6	248	17.6	230	16.1	215	16.1	
51.0	47.0	307	21.3	288	19.7	271	18.2	259	17.3	248	16.3	230	15.0	210	15.0	
54.0	50.0	311	20.6	288	18.6	271	17.3	259	16.4	248	15.5	230	14.2	205	14.2	
57.0	53.0	311	19.4	288	17.7	271	16.4	259	15.5	248	14.7	230	13.5	200	13.5	
60.0	56.0	311	18.4	288	16.7	271	15.5	259	14.7	248	13.9	230	12.8	195	12.8	
110	-12.6	-13.0	138	14.8	137	15.7	137	16.5	136	16.9	136	17.4	136	18.1	135	18.1
	-9.0	-9.4	144	15.1	143	16.1	143	16.8	143	17.2	142	17.7	142	18.4	141	18.4
	-3.64	-4.0	156	15.7	155	16.6	155	17.3	154	17.7	154	18.2	154	18.8	153	18.8
	-1.84	-2.2	158	15.9	158	16.8	157	17.5	157	17.9	157	18.3	156	19.0	155	19.0
	5.5	5.0	171	16.9	171	17.7	170	18.3	170	18.7	169	19.1	169	19.7	168	19.7
	9.5	8.5	178	17.3	178	18.1	177	18.7	177	19.1	177	19.5	176	20.0	175	20.0
	13.0	12.0	186	17.8	186	18.5	185	19.1	185	19.5	185	19.8	184	20.4	183	20.4
	15.0	14.0	191	18.1	191	18.8	190	19.3	190	19.7	190	20.0	189	20.6	188	20.6
	17.0	15.5	195	18.3	195	19.0	194	19.5	194	19.9	194	20.2	193	20.7	192	20.7
	19.0	18.0	202	18.6	201	19.3	201	19.8	201	20.1	200	20.5	200	21.0	200	21.0
	22.0	20.0	208	18.9	207	19.5	207	20.0	206	20.3	206	20.7	206	21.2	205	21.2
	26.0	24.0	220	19.4	219	20.0	218	20.5	218	20.8	218	21.1	211	20.5	210	20.5
30.0	28.0	232	19.9	232	20.4	231	20.9	231	21.2	227	20.9	211	19.1	206	19.1	
35.0	32.0	246	20.3	246	20.9	245	21.3	238	20.5	227	19.4	211	17.7	201	17.7	
39.0	36.0	261	20.8	260	21.3	248	20.1	238	19.0	227	18.0	211	16.4	196	16.4	
44.0	40.0	277	21.2	264	20.2	248	18.6	238	17.7	227	16.7	211	15.3	191	15.3	
47.0	43.0	285	21.0	264	19.1	248	17.6	238	16.7	227	15.8	211	14.5	186	14.5	
51.0	47.0	285	19.5	264	17.7	248	16.4	238	15.5	227	14.7	211	13.5	181	13.5	
54.0	50.0	285	18.4	264	16.7	248	15.5	238	14.7	227	14.0	211	12.8	176	12.8	
57.0	53.0	285	17.4	264	15.9	248	14.7	238	14.0	227	13.3	211	12.2	171	12.2	
60.0	56.0	285	16.5	264	15.1	248	14.0	238	13.3	227	12.6	211	11.6	166	11.6	
100	-12.6	-13.0	137	16.0	136	16.8	136	17.5	136	17.9	135	18.3	135	19.0	134	19.0
	-9.0	-9.4	143	16.3	143	17.1	142	17.7	142	18.2	142	18.6	142	19.2	141	19.2
	-3.64	-4.0	155	16.8	154	17.6	154	18.2	154	18.6	153	19.0	153	19.6	152	19.6
	-1.84	-2.2	158	17.0	157	17.8	157	18.4	156	18.8	156	19.2	156	19.8	155	19.8
	5.5	5.0	170	17.9	170	18.6	169	19.1	169	19.5	169	19.9	169	20.4	168	20.4
	9.5	8.5	178	18.3	177	19.0	177	19.5	177	19.9	176	20.2	176	20.7	175	20.7
	13.0	12.0	186	18.7	185	19.4	185	19.9	185	20.2	184	20.5	184	21.0	183	21.0
	15.0	14.0	191	19.0	190	19.6	190	20.1	189	20.4	189	20.7	189	21.2	188	21.2
	17.0	15.5	195	19.1	194	19.8	194	20.2	193	20.6	193	20.9	192	21.2	191	21.2
	19.0	18.0	201	19.4	201	20.0	200	20.5	200	20.8	200	21.1	192	20.3	191	20.3
	22.0	20.0	207	19.7	206	20.3	206	20.7	206	21.0	205	21.3	192	19.6		

REYQ216XBYCA Heating Capacity for Standard Condition (Tc: 115°F)

Combination	Outdoor air temp.		Indoor air temp. ° FDB												Combination	Outdoor air temp.		Indoor air temp. ° FDB											
			61		65		68		70		72		75					61		65		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	° FDB	° FWB	MBH	KW	MBH	KW	MBH	KW	MBH	KW	MBH	KW	MBH	KW	MBH	KW	MBH	KW	MBH	KW	MBH	KW	MBH	KW	MBH	KW			
130	-12.6	-13.0	143	11.4	142	12.8	142	13.8	141	14.5	141	15.1	141	16.2	-12.6	-13.0	139	18.4	139	19.3	139	19.9	138	20.3	138	20.7	138	21.4	
	-9.0	-9.4	150	11.9	149	13.2	149	14.2	148	14.9	148	15.5	147	16.5	-9.0	-9.4	146	18.7	146	19.6	145	20.2	145	20.6	145	21.0	144	21.6	
	-3.64	-4.0	162	12.8	161	14.0	160	15.0	160	15.6	160	16.2	159	17.2	-3.64	-4.0	158	19.3	157	20.0	157	20.6	157	21.0	156	21.4	156	22.0	
	-1.84	-2.2	165	13.1	164	14.3	163	15.2	163	15.8	162	16.5	162	17.4	-1.84	-2.2	161	19.5	160	20.2	160	20.8	159	21.2	159	21.6	159	22.1	
	5.5	5.0	178	14.4	177	15.5	176	16.4	176	16.9	176	17.5	175	18.4	5.5	5.0	174	20.3	173	21.0	173	21.5	173	21.9	172	22.2	172	22.7	
	9.5	8.5	185	15.0	184	16.1	184	16.9	183	17.5	183	18.0	182	18.9	9.5	8.5	181	20.7	181	21.4	180	21.9	180	22.2	180	22.5	173	21.7	
	13.0	12.0	193	15.7	193	16.7	192	17.5	192	18.1	191	18.6	191	19.4	13.0	12.0	189	21.1	189	21.7	189	22.2	188	22.5	186	22.4	173	20.5	
	15.0	14.0	198	16.1	198	17.1	197	17.9	197	18.4	196	18.9	196	19.6	15.0	14.0	194	21.3	194	22.0	194	22.4	193	22.7	186	21.7	173	19.8	
	17.0	15.5	202	16.4	202	17.4	201	18.1	201	18.6	200	19.1	200	19.8	17.0	15.5	198	21.5	198	22.1	198	22.6	194	22.3	186	21.1	173	19.3	
	19.0	18.0	209	16.8	208	17.8	208	18.5	208	19.0	207	19.5	207	20.2	19.0	18.0	205	21.8	205	22.4	203	22.6	194	21.4	186	20.2	173	18.5	
	22.0	20.0	215	17.2	214	18.1	214	18.8	213	19.3	213	19.8	212	20.5	22.0	20.0	211	22.0	211	22.6	203	21.8	194	20.7	186	19.5	173	17.9	
	26.0	24.0	227	17.9	227	18.8	226	19.4	226	19.9	225	20.3	225	21.0	26.0	24.0	223	22.5	216	21.9	203	20.3	194	19.2	186	18.2	173	16.7	
30.0	28.0	240	18.6	240	19.4	239	20.0	239	20.5	238	20.9	238	21.5	30.0	28.0	233	22.4	216	20.4	203	18.9	194	17.9	186	17.7	173	15.6		
35.0	32.0	255	19.2	254	20.0	253	20.6	253	21.0	253	21.4	252	22.0	35.0	32.0	233	20.8	216	18.9	203	17.6	194	16.7	186	15.8	173	14.6		
39.0	36.0	270	19.9	269	20.6	268	21.2	268	21.5	268	21.9	267	22.4	39.0	36.0	233	19.4	216	17.6	203	16.4	194	15.6	186	14.8	173	13.6		
44.0	40.0	286	20.5	285	21.1	285	21.7	284	22.0	284	22.4	281	22.6	44.0	40.0	233	18.0	216	16.4	203	15.3	194	14.5	186	13.8	173	12.7		
47.0	43.0	299	20.9	298	21.5	297	22.0	297	22.4	296	22.7	281	21.3	47.0	43.0	233	17.1	216	15.6	203	14.5	194	13.8	186	13.1	173	12.1		
51.0	47.0	316	21.4	316	22.0	315	22.5	315	22.8	302	21.7	281	19.8	51.0	47.0	233	15.9	216	14.6	203	13.6	194	12.9	186	12.3	173	11.3		
54.0	50.0	330	21.8	330	22.4	329	22.8	316	21.7	302	20.5	281	18.8	54.0	50.0	233	15.1	216	13.8	203	12.9	194	12.3	186	11.7	173	10.8		
57.0	53.0	345	22.1	344	22.7	339	23.1	316	20.6	302	19.4	281	17.8	57.0	53.0	233	14.4	216	13.2	203	12.3	194	11.7	186	11.2	173	10.3		
60.0	56.0	360	22.5	351	22.2	330	20.5	316	19.5	302	18.4	281	16.9	60.0	56.0	233	13.7	216	12.5	203	11.7	194	11.2	186	10.6	173	9.86		
120	-12.6	-13.0	142	12.8	142	14.1	141	15.0	141	15.6	141	16.3	140	17.2	-12.6	-13.0	139	19.8	138	20.6	138	21.1	138	21.5	138	21.9	137	22.4	
	-9.0	-9.4	149	13.3	148	14.5	148	15.4	148	16.0	147	16.6	147	17.5	-9.0	-9.4	145	20.1	145	20.8	145	21.4	144	21.7	144	22.1	144	22.6	
	-3.64	-4.0	161	14.1	160	15.2	160	16.1	159	16.7	159	17.3	159	18.1	-3.64	-4.0	157	20.6	157	21.3	156	21.8	156	22.1	156	22.4	155	21.9	
	-1.84	-2.2	164	14.3	163	15.5	162	16.3	162	16.9	162	17.5	161	18.3	-1.84	-2.2	160	20.7	159	21.4	159	21.9	159	22.2	159	22.6	151	21.4	
	5.5	5.0	177	15.6	176	16.6	176	17.4	175	17.9	175	18.5	174	19.2	5.5	5.0	173	21.5	172	22.1	172	22.5	170	22.4	163	21.2	151	19.4	
	9.5	8.5	184	16.2	184	17.2	183	17.9	183	18.4	182	18.9	182	19.7	9.5	8.5	180	21.8	180	22.4	178	22.4	170	21.3	163	20.1	151	18.4	
	13.0	12.0	193	16.8	192	17.7	191	18.5	191	18.9	191	19.4	190	20.2	13.0	12.0	189	22.2	188	22.7	178	21.2	170	20.1	163	19.0	151	17.4	
	15.0	14.0	198	17.1	197	18.1	196	18.8	196	19.2	196	19.7	195	20.4	15.0	14.0	194	22.4	189	22.1	178	20.5	170	19.4	163	18.4	151	16.9	
	17.0	15.5	202	17.4	201	18.3	200	19.0	200	19.5	200	19.9	199	20.6	17.0	15.5	198	22.5	189	21.6	178	20.0	170	19.0	163	17.9	151	16.5	
	19.0	18.0	208	17.8	208	18.7	207	19.4	207	19.8	207	20.3	206	20.9	19.0	18.0	204	22.8	189	20.7	178	19.2	170	18.2	163	17.2	151	15.8	
	22.0	20.0	214	18.2	214	19.0	213	19.7	213	20.1	212	20.5	212	21.2	22.0	20.0	204	22.0	189	20.0	178	18.5	170	17.6	163	16.6	151	15.3	
	26.0	24.0	226	18.8	226	19.6	225	20.2	225	20.6	225	21.1	224	21.7	26.0	24.0	204	20.4	189	18.6	178	17.3	170	16.4	163	15.6	151	14.3	
30.0	28.0	240	19.5	239	20.2	238	20.8	238	21.2	238	21.6	237	22.1	30.0	28.0	204	19.0	189	17.3	178	16.1	170	15.3	163	14.5	151	13.4		
35.0	32.0	254	20.1	253	20.8	253	21.3	252	21.7	252	22.0	251	22.6	35.0	32.0	204	17.7	189	16.2	178	15.0	170	14.3	163	13.6	151	12.5		
39.0	36.0	269	20.6	268	21.3	268	21.8	267	22.2	267	22.5	259	22.0	39.0	36.0	204	16.5	189	15.1	178	14.0	170	13.4	163	12.7	151	11.7		
44.0	40.0	285	21.2	284	21.8	284	22.3	283	22.6	279	22.3	259	20.4	44.0	40.0	204	15.4	189	14.1	178	13.1	170	12.5	163	11.9	151	11.0		
47.0	43.0	298	21.6	297	22.2	297	22.6	292	22.4	279	21.1	259	19.3	47.0	43.0	204	14.6	189	13.4	178	12.5	170	11.9	163	11.3	151	10.5		
51.0	47.0	316	22.0	315	22.6	305	21.9	292	20.8	279	19.6	259	18.0	51.0	47.0	204	13.7	189	12.5	178	11.7	170	11.2	163	10.6	151	9.85		
54.0	50.0	330	22.4	324	22.4	305	20.8	292	19.7	279	18.6	259	17.1	54.0	50.0	204	13.0	189	11.9	178	11.2	170	10.6	163	10.1	151	9.41		
57.0	53.0	344	22.7	324	21.1	305	19.7	292	18.6	279	17.7	259	16.2	57.0	53.0	204	12.4	189	11.4	178	10.6	170	10.2	163	9.69	151	9.00		
60.0	56.0	350	22.1	324	20.1	305	18.6	292	17.7	279	16.8	259	15.4	60.0	56.0	204	11.8	189	10.9	178	10.2	170	9.71	163	9.27	151	8.61		
110	-12.6																												

REYQ240XBYCA Heating Capacity for Standard Condition (Tc: 115°F)

Table with columns for Combination, Outdoor air temp., Indoor air temp. ° FDB (61, 65, 68, 70, 72, 75), and Capacity (TC, PI) for various indoor air temperatures. Includes sub-sections for 130, 120, 110, 100, and 90 BTU/h capacity ranges.

1. Capacity Tables (Reference Data)

REYQ288XBYCA Heating Capacity for Standard Condition (Tc: 115°F)

Main data table with columns for Combination, Outdoor air temp., Indoor air temp. ° FDB, and Capacity (MBH, kW) for various indoor temperatures (61, 65, 68, 70, 72, 75) and outdoor temperatures (-12.6 to 60.0).

1. Capacity Tables (Reference Data)

REYQ312XBYCA Heating Capacity for Standard Condition (Tc: 115°F)

Combination	Outdoor air temp.		Indoor air temp. ° FDB										Combination	Outdoor air temp.		Indoor air temp. ° FDB												
			61		65		68		70		72					75		61		65		68		70		72		75
	° FDB	° FWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	
%			MBH	KW	MBH	KW	MBH	KW	MBH	KW	MBH	KW	MBH	KW	MBH	KW	MBH	KW	MBH	KW	MBH	KW	MBH	KW	MBH	KW		
130	-12.6	-13.0	195	14.6	193	16.7	193	18.3	192	19.4	192	20.5	191	22.1	-12.6	-13.0	189	25.7	188	27.0	188	28.0	188	28.7	187	29.4	187	30.4
	-9.0	-9.4	204	15.3	203	17.4	202	19.0	201	20.1	201	21.1	200	22.7	-9.0	-9.4	198	26.2	197	27.5	197	28.5	197	29.1	196	29.7	196	30.7
	-3.64	-4.0	220	16.7	219	18.7	218	20.2	217	21.2	217	22.2	216	23.7	-3.64	-4.0	214	27.0	213	28.3	213	29.2	212	29.8	212	30.4	212	31.3
	-1.84	-2.2	223	17.2	222	19.2	222	20.6	221	21.6	220	22.6	220	24.1	-1.84	-2.2	218	27.3	217	28.5	217	29.5	216	30.1	216	30.7	215	31.6
	5.5	5.0	241	19.3	240	21.1	239	22.4	239	23.3	238	24.2	237	25.6	5.5	5.0	235	28.6	235	29.7	234	30.6	234	31.1	234	31.7	233	32.5
	9.5	8.5	251	20.3	250	22.1	249	23.3	249	24.2	248	25.1	247	26.4	9.5	8.5	246	29.3	245	30.3	244	31.1	244	31.7	244	32.2	243	33.0
	13.0	12.0	263	21.4	261	23.0	261	24.3	260	25.1	259	25.9	259	27.2	13.0	12.0	257	29.9	256	30.9	256	31.7	255	32.2	255	32.7	249	32.5
	15.0	14.0	269	22.0	268	23.6	267	24.8	267	25.6	266	26.4	265	27.6	15.0	14.0	264	30.3	263	31.3	262	32.0	262	32.5	262	33.0	249	31.4
	17.0	15.5	275	22.4	274	24.0	273	25.2	272	26.0	272	26.8	271	27.9	17.0	15.5	269	30.6	268	31.5	268	32.0	267	32.5	267	33.2	249	30.6
	19.0	18.0	284	23.2	283	24.7	282	25.8	281	26.6	281	27.3	280	28.5	19.0	18.0	278	31.0	278	32.0	277	32.7	277	33.1	268	32.1	249	29.4
	22.0	20.0	292	23.7	291	25.2	290	26.3	289	27.1	289	27.8	288	28.9	22.0	20.0	286	31.4	285	32.3	285	33.0	281	32.8	268	31.0	249	28.4
	26.0	24.0	308	24.9	307	26.3	306	27.3	306	28.0	305	28.7	304	29.8	26.0	24.0	303	32.1	302	33.0	293	32.2	281	30.5	268	28.9	249	26.5
	30.0	28.0	326	26.0	325	27.3	324	28.3	324	28.9	323	29.6	322	30.6	30.0	28.0	320	32.8	312	32.3	293	30.0	281	28.4	268	26.9	249	24.7
	35.0	32.0	345	27.0	344	28.2	343	29.2	343	29.8	342	30.4	341	31.3	35.0	32.0	337	33.0	312	30.1	293	27.9	281	26.5	268	25.1	249	23.1
	39.0	36.0	366	28.0	365	29.1	364	30.0	363	30.6	363	31.2	362	32.1	39.0	36.0	337	30.7	312	28.0	293	26.0	281	24.7	268	23.4	249	21.6
	44.0	40.0	388	28.9	386	30.0	386	30.8	385	31.4	385	31.9	384	32.7	44.0	40.0	337	28.6	312	26.1	293	24.2	281	23.1	268	21.9	249	20.2
	47.0	43.0	405	29.6	404	30.6	403	31.4	402	31.9	402	32.4	401	33.2	47.0	43.0	337	27.1	312	24.7	293	23.0	281	21.9	268	20.8	249	19.2
	51.0	47.0	429	30.4	428	31.4	427	32.1	426	32.6	426	33.1	405	34.1	51.0	47.0	337	25.2	312	23.1	293	21.5	281	20.5	268	19.5	249	18.0
	54.0	50.0	448	31.0	447	31.9	446	32.6	445	33.1	436	32.5	405	34.8	54.0	50.0	337	24.0	312	22.0	293	20.5	281	19.5	268	18.6	249	17.2
	57.0	53.0	467	31.5	466	32.4	465	33.1	456	32.6	436	30.8	405	35.3	57.0	53.0	337	22.8	312	20.9	293	19.5	281	18.6	268	17.7	249	16.4
	60.0	56.0	488	32.1	487	32.9	477	32.6	456	30.9	436	29.2	405	36.8	60.0	56.0	337	21.7	312	19.9	293	18.6	281	17.7	268	16.9	249	15.7
120	-12.6	-13.0	193	16.8	192	18.8	192	20.3	191	21.3	191	22.3	190	23.8	-12.6	-13.0	188	27.9	187	29.1	187	30.0	187	30.6	186	31.1	186	32.0
	-9.0	-9.4	203	17.5	202	19.5	201	20.9	200	21.9	200	22.8	199	24.3	-9.0	-9.4	197	28.4	196	29.5	196	30.3	196	30.9	195	31.5	195	32.3
	-3.64	-4.0	219	18.8	219	20.6	217	22.0	216	22.9	216	23.8	215	25.2	-3.64	-4.0	213	29.1	212	30.2	212	31.0	211	31.5	211	32.1	211	32.9
	-1.84	-2.2	222	19.2	221	21.0	221	22.4	220	23.3	219	24.2	219	25.6	-1.84	-2.2	217	29.4	216	30.4	216	31.2	215	31.7	215	32.3	214	33.1
	5.5	5.0	240	21.1	239	22.8	238	24.1	238	24.9	237	25.7	236	27.0	5.5	5.0	234	30.5	234	31.5	233	32.2	233	32.7	233	33.2	232	34.0
	9.5	8.5	250	22.1	249	23.7	248	24.9	248	25.7	247	26.5	247	27.7	9.5	8.5	244	31.1	244	32.0	243	32.7	243	33.2	243	33.7	242	34.8
	13.0	12.0	261	23.1	260	24.6	260	25.8	259	26.5	259	27.3	258	28.4	13.0	12.0	256	31.6	255	32.5	255	33.2	246	31.9	235	30.2	218	27.6
	15.0	14.0	268	23.6	267	25.1	266	26.2	266	27.0	265	27.7	265	28.8	15.0	14.0	262	32.0	262	32.8	262	33.5	246	30.8	235	29.2	218	26.8
	17.0	15.5	274	24.1	273	25.5	272	26.6	271	27.3	271	28.1	270	29.1	17.0	15.5	268	32.2	267	33.1	267	33.7	246	30.1	235	28.5	218	26.1
	19.0	18.0	283	24.7	282	26.1	281	27.2	281	27.9	280	28.6	279	29.7	19.0	18.0	277	32.6	273	32.8	273	33.4	246	28.8	235	27.3	218	25.1
	22.0	20.0	291	25.3	290	26.6	289	27.7	288	28.3	288	29.0	287	30.0	22.0	20.0	280	32.9	273	31.7	273	32.5	246	27.9	235	26.4	218	24.3
	26.0	24.0	307	26.3	306	27.6	305	28.6	305	29.2	304	29.9	304	30.8	26.0	24.0	295	32.4	273	29.5	273	30.4	246	26.0	235	24.7	218	22.7
	30.0	28.0	325	27.3	324	28.5	323	29.4	323	30.1	322	30.7	321	31.6	30.0	28.0	295	30.2	273	27.5	273	28.6	246	24.3	235	23.1	218	21.2
	35.0	32.0	344	28.3	343	29.4	342	30.3	342	30.8	341	31.4	341	32.3	35.0	32.0	295	28.1	273	25.6	273	26.7	246	22.7	235	21.6	218	19.9
	39.0	36.0	365	29.2	364	30.3	363	31.1	362	31.6	362	32.1	361	33.0	39.0	36.0	295	26.2	273	23.9	273	25.2	246	21.2	235	20.2	218	18.6
	44.0	40.0	386	30.0	385	31.1	385	31.8	384	32.3	384	32.8	374	34.2	44.0	40.0	295	24.4	273	22.3	273	23.8	246	19.8	235	18.9	218	17.5
	47.0	43.0	404	30.6	403	31.6	402	32.3	401	32.8	401	33.3	374	30.7	47.0	43.0	295	23.2	273	21.2	273	22.5	246	18.9	235	18.0	218	17.6
	51.0	47.0	428	31.4	427	32.3	426	33.0	421	33.0	402	31.2	374	28.5	51.0	47.0	295	21.7	273	19.9	273	20.7	246	17.7	235	16.9	218	15.6
	54.0	50.0	447	32.0	446	32.8	440	32.9	421	31.2	402	29.5	374	27.1	54.0	50.0	295	20.6	273	18.9	273	19.7	246	16.9	235	16.1	218	14.9
	57.0	53.0	466	32.5	465	33.3	440	31.2	421	29.6	402	28.0	374	25.7	57.0	53.0	295	19.6	273	18.0	273	18.6	246	16.1	235	15.4	218	14.3
	60.0	56.0	487	33.0	468	33.9	440	29.6	421	28.1																		

REYQ336XBYCA Heating Capacity for Standard Condition (Tc: 115°F)

Main data table with columns for Combination, Outdoor air temp., Indoor air temp. °F DB (61, 65, 68, 70, 72, 75), and Capacity (TC, PI) for various models (130, 120, 110, 100, 90).

1. Capacity Tables (Reference Data)

REYQ360XBYCA Heating Capacity for Standard Condition (Tc: 115°F)

Large data table with columns for Combination, Outdoor air temp., Indoor air temp. ° FDB, and Capacity (MBH, kW). It is organized into a grid with rows for different indoor air temperatures and columns for different outdoor air temperatures.

TC Total capacity ; MBH
PI Power Input ; kW (Comp.+Outdoor fan motor)
Note 1. This tables reflect performance of the outdoor unit only. And not an entire system.
2. Other factors such as indoor unit power consumption, piping losses, etc. are not included.
And actual results may vary according to conditions of use.

REYQ384XBYCA Heating Capacity for Standard Condition (Tc: 115°F)

Table with columns for Combination, Outdoor air temp., Indoor air temp. ° FDB (61, 65, 68, 70, 72, 75), and Capacity (TC, PI, MBH, kW). Includes sub-sections for 130, 120, 110, 100, and 90 BTU/hr capacity ranges.

1. Capacity Tables (Reference Data)

REYQ408XBYCA Heating Capacity for Standard Condition (Tc: 115°F)

Large data table with columns for Combination, Outdoor air temp., Indoor air temp. °F DB (61, 65, 68, 70, 72, 75), and Capacity (TC, PI) in MBH and kW. Includes sub-tables for 130, 120, 110, 100, and 90 BTU/h capacity ranges.

TC Total capacity ; MBH
PI Power Input ; kW (Comp.+Outdoor fan motor)
Note 1. This tables reflect performance of the outdoor unit only. And not an entire system.
2. Other factors such as indoor unit power consumption, piping losses, etc. are not included.
And actual results may vary according to conditions of use.

REYQ432XBYCA Heating Capacity for Standard Condition (Tc: 115°F)

Main data table with columns for Combination, Outdoor air temp., Indoor air temp. °F DB (61, 65, 68, 70, 72, 75), and Capacity (MBH, kW). Includes sub-tables for indoor air temperatures of 61, 65, 68, 70, 72, and 75.

1. Capacity Tables (Reference Data)

1.4.2 Celsius

REYQ72XBYCA Heating Capacity for Standard Condition (Tc: 46°C)

Combination	Outdoor air temp.		Indoor air temp. °CDB																																																																																																																																																																																																																															
			16.1				18.3				20.0				21.1				22.2				23.9																																																																																																																																																																																																											
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI																																																																																																																																																																																																						
%	°CDB	°CWB																																																																																																																																																																																																																																
130	-24.8	-25.0	15.0	4.73	14.9	5.17	14.9	5.49	14.9	5.71	14.8	5.93	14.8	6.26	-22.8	-23.0	16.4	5.14	16.3	5.55	16.3	5.85	16.2	6.06	16.2	6.26	16.2	6.57	-19.8	-20.0	18.6	5.66	18.5	6.03	18.5	6.31	18.4	6.49	18.4	6.68	18.3	6.96	-18.8	-19.0	19.1	5.82	19.1	6.18	19.0	6.44	19.0	6.62	18.9	6.80	18.9	7.07	-14.7	-15.0	21.4	6.35	21.3	6.67	21.2	6.90	21.2	7.06	21.2	7.22	21.1	7.46																																																																																																																																																												
	-12.5	-13.1	22.5	6.56	22.4	6.87	22.3	7.09	22.3	7.25	22.2	7.40	22.2	7.62	-10.6	-11.1	23.5	6.76	23.5	7.05	23.4	7.27	23.4	7.41	23.3	7.55	23.3	7.77	-9.4	-10.0	24.2	6.87	24.1	7.15	24.0	7.36	24.0	7.50	23.9	7.64	23.9	7.85	-8.3	-9.2	24.6	6.94	24.5	7.22	24.5	7.42	24.4	7.56	24.4	7.70	24.4	7.90	-7.2	-7.8	25.4	7.06	25.3	7.33	25.3	7.53	25.2	7.66	25.2	7.79	25.1	7.99	-5.6	-6.7	26.0	7.15	25.9	7.41	25.9	7.60	25.8	7.73	25.8	7.86	25.7	8.06	-3.3	-4.4	27.2	7.32	27.2	7.58	27.1	7.75	27.1	7.87	27.0	8.00	27.0	8.18	-1.1	-2.2	28.5	7.47	28.4	7.70	28.3	7.88	28.3	8.00	28.3	8.12	28.2	8.27	28.2	8.49	1.7	0.0	29.7	7.61	29.6	7.83	29.6	8.00	29.5	8.12	29.5	8.22	29.4	7.92	3.9	2.2	31.0	7.73	30.9	7.95	30.8	8.11	30.8	8.22	29.5	7.79	27.4	7.10	6.7	4.4	32.2	7.85	32.1	8.06	32.1	8.22	30.9	7.84	29.5	7.40	27.4	6.75	8.3	6.1	33.1	7.94	33.0	8.14	32.2	7.99	30.9	7.55	29.5	7.13	27.4	6.51	10.6	8.3	34.4	8.04	34.3	8.23	32.2	7.61	30.9	7.20	29.5	6.80	27.4	6.22	12.2	10.0	35.3	8.11	34.3	7.96	32.2	7.35	30.9	6.96	29.5	6.57	27.4	6.01	13.9	11.7	36.2	8.18	34.3	7.69	32.2	7.11	30.9	6.73	29.5	6.36	27.4	5.82	15.6	13.3	37.1	8.22	34.3	7.44	32.2	6.88	30.9	6.52	29.5	6.16	27.4	5.64
	-24.8	-25.0	14.9	5.18	14.9	5.59	14.8	5.89	14.8	6.09	14.8	6.29	14.7	6.60	-22.8	-23.0	16.3	5.56	16.3	5.94	16.2	6.22	16.2	6.41	16.1	6.60	16.1	6.88	-19.8	-20.0	18.5	6.05	18.4	6.39	18.4	6.64	18.4	6.81	18.3	6.98	18.3	7.24	-18.8	-19.0	19.1	6.19	19.0	6.52	18.9	6.76	18.9	6.93	18.9	7.10	18.8	7.34	-14.7	-15.0	21.3	6.68	21.2	6.97	21.2	7.19	21.1	7.34	21.1	7.48	21.0	7.71																																																																																																																																																												
	-12.5	-13.1	22.4	6.88	22.3	7.16	22.3	7.37	22.2	7.51	22.2	7.65	22.1	7.86	-10.6	-11.1	23.5	7.06	23.4	7.33	23.3	7.53	23.3	7.66	23.3	7.79	23.2	7.99	-9.4	-10.0	24.1	7.16	24.0	7.42	24.0	7.61	23.9	7.74	23.9	7.87	23.8	8.06	-8.3	-9.2	24.5	7.23	24.5	7.48	24.4	7.67	24.4	7.80	24.3	7.92	24.3	8.11	-7.2	-7.8	25.3	7.33	25.2	7.58	25.2	7.77	25.2	7.89	25.1	8.01	25.1	8.20	-5.6	-6.7	25.9	7.42	25.9	7.66	25.8	7.84	25.8	7.96	25.7	8.08	25.3	8.06	-3.3	-4.4	27.2	7.57	27.1	7.80	27.0	7.97	27.0	8.09	27.0	8.20	27.0	8.35	7.58	-1.1	-2.2	28.4	7.71	28.3	7.93	28.3	8.09	28.2	8.20	28.2	8.34	28.1	8.48	1.7	0.0	29.6	7.84	29.6	8.05	29.5	8.21	28.5	7.86	27.2	7.42	25.3	6.75	3.9	2.2	30.9	7.96	30.8	8.16	29.8	7.88	28.5	7.45	27.2	7.03	25.3	6.43	6.7	4.4	32.1	8.07	31.7	8.10	29.8	7.48	28.5	7.08	27.2	6.69	25.3	6.12	8.3	6.1	33.0	8.14	31.7	7.81	29.8	7.21	28.5	6.83	27.2	6.45	25.3	5.90	10.6	8.3	34.2	8.21	31.7	7.44	29.8	6.88	28.5	6.52	27.2	6.16	25.3	5.64	12.2	10.0	34.2	7.93	31.7	7.19	29.8	6.65	28.5	6.30	27.2	5.96	25.3	5.46	13.9	11.7	34.2	7.67	31.7	6.95	29.8	6.43	28.5	6.10	27.2	5.77	25.3	5.29	15.6	13.3	34.2	7.42	31.7	6.73	29.8	6.23	28.5	5.91	27.2	5.59	25.3	5.13	
	-24.8	-25.0	14.9	5.63	14.8	6.01	14.8	6.28	14.7	6.47	14.7	6.65	14.7	6.93	-22.8	-23.0	16.3	5.98	16.2	6.33	16.2	6.59	16.1	6.76	16.1	6.93	16.0	7.19	-19.8	-20.0	18.4	6.43	18.4	6.74	18.3	6.97	18.3	7.13	18.3	7.29	18.2	7.52	-18.8	-19.0	19.0	6.56	18.9	6.86	18.9	7.09	18.8	7.24	18.8	7.39	18.8	7.62	-14.7	-15.0	21.2	7.01	21.1	7.28	21.1	7.48	21.1	7.61	21.0	7.75	21.0	7.95																																																																																																																																																												
	-12.5	-13.1	22.3	7.19	22.2	7.45	22.2	7.64	22.2	7.77	22.1	7.89	22.1	8.09	-10.6	-11.1	23.4	7.36	23.3	7.60	23.3	7.78	23.2	7.91	23.2	8.03	23.2	8.21	-9.4	-10.0	24.0	7.45	23.9	7.68	23.9	7.86	23.9	7.98	23.8	8.10	23.2	7.95	-8.3	-9.2	24.5	7.51	24.4	7.74	24.3	7.92	24.3	8.03	24.3	8.15	23.2	7.76	-7.2	-7.8	25.2	7.61	25.2	7.84	25.1	8.00	25.1	8.12	24.9	8.17	23.2	7.45	-5.6	-6.7	25.9	7.69	25.8	7.91	25.7	8.07	25.7	8.18	24.9	7.91	23.2	7.21	-3.3	-4.4	27.1	7.83	27.0	8.04	27.0	8.19	26.1	7.89	24.9	7.44	23.2	6.79	-1.1	-2.2	28.3	7.96	28.3	8.16	27.3	7.87	26.1	7.44	24.9	7.02	23.2	6.42	1.7	0.0	29.6	8.08	29.0	8.05	27.3	7.44	26.1	7.04	24.9	6.65	23.2	6.08	3.9	2.2	30.8	8.18	29.0	7.63	27.3	7.05	26.1	6.68	24.9	6.31	23.2	5.78	6.7	4.4	31.4	8.00	29.0	7.25	27.3	6.71	26.1	6.35	24.9	6.01	23.2	5.50	8.3	6.1	31.4	7.71	29.0	6.99	27.3	6.47	26.1	6.13	24.9	5.80	23.2	5.32	10.6	8.3	31.4	7.35	29.0	6.67	27.3	6.18	26.1	5.86	24.9	5.54	23.2	5.09	12.2	10.0	31.4	7.10	29.0	6.45	27.3	5.98	26.1	5.67	24.9	5.37	23.2	4.93	13.9	11.7	31.4	6.87	29.0	6.24	27.3	5.79	26.1	5.49	24.9	5.20	23.2	4.78	15.6	13.3	31.4	6.65	29.0	6.05	27.3	5.61	26.1	5.32	24.9	5.04	23.2	4.63		
	-24.8	-25.0	14.8	6.09	14.7	6.42	14.7	6.68	14.7	6.85	14.6	7.01	14.6	7.27	-22.8	-23.0	16.2	6.41	16.1	6.72	16.1	6.95	16.1	7.11	16.0	7.27	16.0	7.50	-19.8	-20.0	18.4	6.81	18.3	7.09	18.3	7.31	18.2	7.45	18.2	7.59	18.2	7.80	-18.8	-19.0	18.9	6.93	18.9	7.20	18.8	7.41	18.8	7.55	18.8	7.68	18.7	7.89	-14.7	-15.0	21.1	7.34	21.1	7.58	21.0	7.76	21.0	7.89	21.0	8.01	20.9	8.19																																																																																																																																																												
	-12.5	-13.1	22.2	7.50	22.2	7.74	22.1	7.91	22.1	8.03	22.1	8.14	21.1	7.76	-10.6	-11.1	23.3	7.66	23.2	7.88	23.2	8.04	23.2	8.15	22.7	8.00	21.1	7.29	-9.4	-10.0	23.9	7.74	23.9	7.95	23.8	8.11	23.7	8.19	22.7	7.73	21.1	7.05	-8.3	-9.2	24.4	7.79	24.3	8.01	24.3	8.16	23.7	7.99	22.7	7.54	21.1	6.87	-7.2	-7.8	25.2	7.89	25.1	8.09	24.8	8.11	23.7	7.67	22.7	7.23	21.1	6.61	-5.6	-6.7	25.8	7.96	25.7	8.16	24.8	7.85	23.7	7.43	22.7	7.01	21.1	6.40	-3.3	-4.4	27.0	8.08	26.4	8.00	24.8	7.39	23.7	6.99	22.7	6.60	21.1	6.04	-1.1	-2.2	28.2	8.20	26.4	7.54	24.8	6.97	23.7	6.60	22.7	6.24	21.1	5.71	1.7	0.0	28.5	7.87	26.4	7.13	24.8	6.60	23.7	6.25	22.7	5.91	21.1	5.42	3.9	2.2	28.5	7.46	26.4	6.77	24.8	6.27	23.7	5.94	22.7	5.62	21.1	5.16	6.7	4.4	28.5	7.09	26.4	6.44	24.8	5.97	23.7	5.66	22.7	5.36	21.1	4.92	8.3	6.1	28.5	6.83	26.4	6.21	24.8	5.76	23.7	5.46	22.7	5.18	21.1	4.75	10.6	8.3	28.5	6.52	26.4	5.93	24.8	5.50	23.7	5.23	22.7	4.95	21.1	4.55	12.2	10.0	28.5	6.31	26.4	5.74	24.8	5.33	23.7	5.06	22.7	4.80	21.1	4.41	13.9	11.7	28.5	6.10	26.4	5.56	24.8	5.16	23.7	4.91	22.7	4.65	21.1	4.28	15.6	13.3	28.5	5.92	26.4	5.39	24.8	5.01	23.7	4.76	22.7	4.52	21.1	4.16		
	-24.8	-25.0	14.7	6.54	14.7	6.84	14.6	7.07	14.6	7.22	14.6	7.37	14.5	7.60	-22.8	-23.0	16.1	6.83	16.1	7.11	16.0	7.32	16.0	7.46	16.0	7.60	15.9	7.82	-19.8	-20.0	18.3	7.19	18.2	7.45	18.2	7.64	18.2	7.77	18.1	7.89	18.1	8.08	-18.8	-19.0	18.8	7.30	18.8	7.54	18.7	7.73	18.7	7.85	18.7	7.98	18.6	8.16	-14.7	-15.0	21.1	7.67	21.0	7.89	21.0	8.05	20.9	8.16	20.4	7.95	19.0	7.25																																																																																																																																																												
	-12.5	-13.1	22.1	7.82	22.1	8.03	22.0	8.18	21.4	7.89	20.4	7.44	19.0	6.79	-10.6	-11.1	23.2	7.95	23.2	8.15	22.3	7.84	21.4	7.41	20.4	7.00	19.0	6.39	-9.4	-10.0	23.8	8.03	23.7	8.20	22.3	7.57	21.4	7.16	20.4	6.76	19.0	6.18	-8.3	-9.2	24.3	8.08	23.7	7.99	22.3	7.38	21.4	6.99	20.4	6.60	19.0	6.04	-7.2	-7.8	25.1	8.16	23.7	7.67																																																																																																																																																																				

REYQ96XBYCA Heating Capacity for Standard Condition (Tc: 46°C)

Main data table with columns for Combination, Outdoor air temp., Indoor air temp. °CDB, and Capacity (kW). Includes sub-sections for 130, 120, 110, 100, and 90 capacity units.

1. Capacity Tables (Reference Data)

REYQ120XBYCA Heating Capacity for Standard Condition (Tc: 46°C)

Main data table with columns for Combination, Outdoor air temp., Indoor air temp. °CDB (16.1, 18.3, 20.0, 21.1, 22.2, 23.9), and Capacity (TC, PI) for various indoor/outdoor temperature pairs across different model ranges (130, 120, 110, 100, 90).

TC Total capacity; kW
PI Power Input; kW (Comp.+Outdoor fan motor)
Note: 1. This tables reflect performance of the outdoor unit only. And not an entire system.
2. Other factors such as indoor unit power consumption, piping losses, etc. are not included.
And actual results may vary according to conditions of use.

REYQ144XBYCA Heating Capacity for Standard Condition (Tc: 46°C)

Table with columns for Combination, Outdoor air temp., Indoor air temp. °CDB (16.1, 18.3, 20.0, 21.1, 22.2, 23.9), and Capacity (kW, PI). Includes sub-tables for 130, 120, 110, 100, and 90 capacity units.

1. Capacity Tables (Reference Data)

REYQ192XBYCA Heating Capacity for Standard Condition (Tc: 46°C)

Main data table with columns for Combination, Outdoor air temp., Indoor air temp. °CDB (16.1, 18.3, 20.0, 21.1, 22.2, 23.9), and Capacity (TC, PI) for various indoor air temperatures. Includes sub-sections for 130, 120, 110, 100, and 90 capacity ranges.

1. Capacity Tables (Reference Data)

TC Total capacity; kW
PI Power Input; kW (Comp.+Outdoor fan motor)
Note 1. This table reflects performance of the outdoor unit only. And not an entire system.
2. Other factors such as indoor unit power consumption, piping losses, etc. are not included.
And actual results may vary according to conditions of use.

REYQ216XBYCA Heating Capacity for Standard Condition (Tc: 46°C)

Main data table with columns for Combination, Outdoor air temp., Indoor air temp. °CDB, and Capacity (kW). Includes sub-sections for 130, 120, 110, 100, and 90 capacity ranges.

TC Total capacity ; kW
PI Power Input ; kW (Comp.+Outdoor fan motor)
Note: 1. This table reflects performance of the outdoor unit only. And not an entire system.
2. Other factors such as indoor unit power consumption, piping losses, etc. are not included.
And actual results may vary according to conditions of use.

REYQ240XBYCA Heating Capacity for Standard Condition (Tc: 46°C)

Main data table with columns for Combination, Outdoor air temp., Indoor air temp. °CDB, and Capacity (kW). Includes sub-sections for 130, 120, 110, 100, and 90 capacity units.

1. Capacity Tables (Reference Data)

TC Total capacity; kW
PI Power Input; kW (Comp.+Outdoor fan motor)
Note 1. ... is shown as reference.
2. This tables reflect performance of the outdoor unit only. And not an entire system.
3. Other factors such as indoor unit power consumption, piping losses, etc. are not included.
And actual results may vary according to conditions of use.

REYQ264XBYCA Heating Capacity for Standard Condition (Tc: 46°C)

Combination	Outdoor air temp.		Indoor air temp. °CDB											
			16.1		18.3		20.0		21.1		22.2		23.9	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
%	°CDB	°CWB	kW		kW		kW		kW		kW		kW	
130	-24.8	-25.0	48.6	12.3	48.4	14.0	48.2	15.3	48.0	16.2	47.9	17.1	47.7	18.4
	-22.8	-23.0	50.9	12.9	50.6	14.6	50.4	15.9	50.3	16.7	50.2	17.6	50.0	18.9
	-19.8	-20.0	54.9	14.0	54.6	15.6	54.4	16.9	54.3	17.7	54.2	18.5	54.0	19.7
	-18.8	-19.0	55.9	14.4	55.6	16.0	55.4	17.2	55.2	18.0	55.1	18.8	54.9	20.0
	-14.7	-15.0	60.3	16.1	60.0	17.6	59.8	18.7	59.7	19.4	59.6	20.2	59.3	21.3
	-12.5	-13.1	62.9	17.0	62.6	18.4	62.4	19.4	62.2	20.1	62.1	20.8	61.9	21.9
	-10.6	-11.1	65.6	17.8	65.4	19.2	65.2	20.2	65.0	20.9	64.9	21.5	64.7	22.5
	-9.4	-10.0	67.4	18.3	67.1	19.6	66.9	20.6	66.7	21.3	66.6	21.9	66.4	22.9
	-8.3	-9.2	68.7	18.7	68.4	20.0	68.2	20.9	68.1	21.6	67.9	22.2	67.7	23.2
	-7.2	-7.8	71.0	19.3	70.7	20.5	70.5	21.4	70.4	22.1	70.2	22.7	70.0	23.6
	-5.6	-6.7	73.0	19.7	72.7	21.0	72.5	21.9	72.3	22.5	72.2	23.1	72.0	24.0
	-3.3	-4.4	77.1	20.7	76.8	21.8	76.6	22.7	76.5	23.2	76.3	23.8	76.1	24.7
	-1.1	-2.2	81.6	21.6	81.3	22.6	81.1	23.4	80.9	24.0	80.8	24.5	80.6	25.3
	1.7	0.0	86.4	22.4	86.2	23.4	85.9	24.2	85.7	24.7	85.6	25.2	85.4	25.9
	3.9	2.2	91.5	23.2	91.2	24.2	91.0	24.9	90.9	25.3	90.7	25.8	90.5	26.5
	6.7	4.4	96.9	24.0	96.7	24.9	96.4	25.5	96.3	26.0	96.2	26.4	96.0	27.1
8.3	6.1	101	24.5	101	25.4	101	26.0	101	26.4	100	26.9	100	27.5	
10.6	8.3	107	25.2	107	26.0	107	26.6	107	27.0	106	27.4	101	28.7	
12.2	10.0	112	25.7	112	26.4	111	27.0	111	27.4	108	27.6	101	29.3	
13.9	11.7	117	26.1	117	26.8	116	27.4	113	26.6	108	25.2	101	29.1	
15.6	13.3	122	26.5	122	27.3	118	26.6	113	25.2	108	23.9	101	21.9	
120	-24.8	-25.0	48.4	14.1	48.1	15.7	47.9	16.9	47.8	17.7	47.7	18.5	47.5	19.8
	-22.8	-23.0	50.6	14.7	50.4	16.2	50.2	17.4	50.1	18.2	50.0	19.0	49.8	20.2
	-19.8	-20.0	54.6	15.7	54.4	17.2	54.2	18.3	54.1	19.1	53.9	19.8	53.7	21.0
	-18.8	-19.0	55.6	16.1	55.3	17.5	55.1	18.6	55.0	19.4	54.9	20.1	54.7	21.2
	-14.7	-15.0	60.0	17.6	59.8	19.0	59.6	20.0	59.5	20.7	59.3	21.4	59.1	22.4
	-12.5	-13.1	62.6	18.4	62.3	19.7	62.1	20.7	62.0	21.4	61.9	22.0	61.7	23.0
	-10.6	-11.1	65.4	19.2	65.1	20.5	64.9	21.4	64.8	22.0	64.7	22.6	64.5	23.6
	-9.4	-10.0	67.1	19.7	66.8	20.9	66.6	21.8	66.5	22.4	66.4	23.0	66.2	23.9
	-8.3	-9.2	68.4	20.0	68.1	21.2	67.9	22.1	67.8	22.7	67.7	23.3	67.5	24.2
	-7.2	-7.8	70.7	20.6	70.5	21.7	70.3	22.6	70.1	23.1	70.0	23.7	69.8	24.6
	-5.6	-6.7	72.7	21.0	72.4	22.1	72.2	22.9	72.1	23.5	72.0	24.1	71.8	24.9
	-3.3	-4.4	76.8	21.8	76.6	22.9	76.4	23.7	76.2	24.2	76.1	24.7	75.9	25.5
	-1.1	-2.2	81.3	22.7	81.0	23.7	80.8	24.4	80.7	24.9	80.6	25.4	80.4	26.1
	1.7	0.0	86.1	23.4	85.8	24.4	85.6	25.1	85.5	25.5	85.4	26.0	85.2	26.7
	3.9	2.2	91.2	24.2	90.9	25.1	90.8	25.7	90.6	26.2	90.5	26.6	90.3	27.3
	6.7	4.4	96.6	24.9	96.4	25.7	96.2	26.3	96.1	26.8	95.9	27.2	92.8	28.4
8.3	6.1	101	25.4	101	26.2	100	26.8	100	27.2	99.8	27.4	92.8	28.5	
10.6	8.3	107	26.0	107	26.8	107	27.3	104	26.9	99.8	25.4	92.8	28.3	
12.2	10.0	112	26.5	111	27.2	109	26.9	104	25.5	99.8	24.1	92.8	22.1	
13.9	11.7	117	26.9	116	27.5	109	25.5	104	24.1	99.8	22.9	92.8	21.0	
15.6	13.3	122	27.3	116	26.0	109	24.1	104	22.9	99.8	21.7	92.8	19.9	
110	-24.8	-25.0	48.1	15.9	47.9	17.4	47.7	18.5	47.6	19.2	47.5	20.0	47.3	21.1
	-22.8	-23.0	50.4	16.4	50.1	17.9	50.0	19.0	49.8	19.7	49.7	20.4	49.6	21.5
	-19.8	-20.0	54.4	17.4	54.1	18.8	53.9	19.8	53.8	20.5	53.7	21.2	53.5	22.2
	-18.8	-19.0	55.3	17.7	55.1	19.1	54.9	20.1	54.8	20.8	54.7	21.4	54.5	22.5
	-14.7	-15.0	59.7	19.2	59.5	20.4	59.3	21.3	59.2	22.0	59.1	22.6	58.9	23.5
	-12.5	-13.1	62.3	19.9	62.0	21.1	61.9	22.0	61.8	22.6	61.6	23.2	61.5	24.1
	-10.6	-11.1	65.1	20.6	64.8	21.7	64.7	22.6	64.5	23.2	64.4	23.7	64.3	24.6
	-9.4	-10.0	66.8	21.0	66.5	22.1	66.4	23.0	66.3	23.5	66.1	24.1	66.0	24.9
	-8.3	-9.2	68.1	21.3	67.9	22.4	67.7	23.2	67.6	23.8	67.5	24.3	67.3	25.1
	-7.2	-7.8	70.4	21.8	70.2	22.9	70.0	23.7	69.9	24.2	69.8	24.7	69.6	25.5
	-5.6	-6.7	72.4	22.2	72.1	23.3	72.0	24.0	71.9	24.5	71.7	25.1	71.6	25.8
	-3.3	-4.4	76.5	23.0	76.3	24.0	76.1	24.7	76.0	25.2	75.9	25.7	75.7	26.4
	-1.1	-2.2	81.0	23.8	80.8	24.7	80.6	25.4	80.5	25.8	80.4	26.3	80.2	27.0
	1.7	0.0	85.8	24.5	85.6	25.3	85.4	26.0	85.3	26.4	85.1	26.8	85.0	27.5
	3.9	2.2	90.9	25.2	90.7	26.0	90.5	26.6	90.4	27.0	90.3	27.4	85.1	25.6
	6.7	4.4	96.4	25.8	96.1	26.6	95.9	27.1	95.7	27.5	91.5	26.0	85.1	23.8
8.3	6.1	101	26.3	100	27.0	100	27.4	95.7	26.0	91.5	24.6	85.1	22.6	
10.6	8.3	107	26.8	106	27.5	100	25.5	95.7	24.2	91.5	22.9	85.1	21.0	
12.2	10.0	111	27.3	106	26.1	100	24.2	95.7	22.9	91.5	21.7	85.1	20.0	
13.9	11.7	115	27.1	106	24.7	100	22.9	95.7	21.8	91.5	20.6	85.1	19.0	
15.6	13.3	115	25.7	106	23.4	100	21.8	95.7	20.7	91.5	19.6	85.1	18.0	
100	-24.8	-25.0	47.8	17.7	47.6	19.1	47.5	20.1	47.4	20.8	47.3	21.4	47.1	22.5
	-22.8	-23.0	50.1	18.2	49.9	19.5	49.7	20.5	49.6	21.2	49.5	21.8	49.4	22.8
	-19.8	-20.0	54.1	19.1	53.9	20.3	53.7	21.3	53.6	21.9	53.5	22.5	53.3	23.5
	-18.8	-19.0	55.0	19.4	54.8	20.6	54.6	21.5	54.5	22.1	54.4	22.8	54.3	23.7
	-14.7	-15.0	59.5	20.7	59.2	21.8	59.1	22.7	59.0	23.2	58.9	23.8	58.7	24.7
	-12.5	-13.1	62.0	21.3	61.8	22.4	61.6	23.2	61.5	23.8	61.4	24.3	61.3	25.1
	-10.6	-11.1	64.8	22.0	64.6	23.0	64.4	23.8	64.3	24.3	64.2	24.9	64.0	25.6
	-9.4	-10.0	66.5	22.4	66.3	23.4	66.1	24.2	66.0	24.7	65.9	25.2	65.7	25.9
	-8.3	-9.2	67.8	22.7	67.6	23.7	67.5	24.4	67.3	24.9	67.2	25.4	67.1	26.1
	-7.2	-7.8	70.1	23.1	69.9	24.1	69.8	24.8	69.7	25.3	69.6	25.8	69.4	26.5
	-5.6	-6.7	72.1	23.5	71.9	24.4	71.7	25.1	71.6	25.6	71.5	26.0	71.4	26.7
	-3.3	-4.4	76.2	24.2	76.0	25.1	75.9	25.7	75.8	26.2	75.7	26.6	75.5	27.3
	-1.1	-2.2	80.7	24.9	80.5	25.7	80.3	26.3	80.2	26.7	80.1	27.2	77.3	26.4
	1.7	0.0	85.5	25.5	85.3	26.3	85.1	26.9	85.0	27.3	83.2	26.8	77.3	24.5
	3.9	2.2	90.6	26.2	90.4	26.9	90.3	27.4	87.0	26.3	83.2	24.9	77.3	22.8
	6.7	4.4	96.1	26.7	95.9	27.4	90.9	25.8	87.0	24.5	83.2	23.2	77.3	21.2
8.3	6.1	100	27.2	96.8	26.3	90.9	24.4	87.0	23.2	83.2	22.0	77.3	20.2	
10.6	8.3	105	26.9	96.8	24.5	90.9	22.7	87.0	21.6	83.2	20.5	77.3	18.8	
12.2	10.0	105	25.5	96.8	23									

REYQ288XBYCA Heating Capacity for Standard Condition (Tc: 46°C)

Table with columns for Combination, Outdoor air temp., Indoor air temp. °CDB, and Capacity (kW). Includes sub-sections for 130, 120, 110, 100, and 90 capacity units. Includes a legend for TC, PI, and Note 1-3.

1. Capacity Tables (Reference Data)

REYQ312XBYCA Heating Capacity for Standard Condition (Tc: 46°C)

Table with columns for Combination, Outdoor air temp., Indoor air temp. °CDB, and Capacity (kW). Includes sub-sections for 130, 120, 110, 100, and 90 capacity ranges.

TC Total capacity; kW
PI Power Input; kW (Comp.+Outdoor fan motor)
Note: 1. This table reflects performance of the outdoor unit only. And not an entire system.
2. Other factors such as indoor unit power consumption, piping losses, etc. are not included.
And actual results may vary according to conditions of use.

REYQ336XBYCA Heating Capacity for Standard Condition (Tc: 46°C)

Main capacity table with columns for Combination, Outdoor air temp., Indoor air temp. °CDB, and Capacity (kW). Includes sub-sections for 130, 120, 110, 100, and 90 capacity units.

1. Capacity Tables (Reference Data)

REYQ360XBYCA Heating Capacity for Standard Condition (Tc: 46°C)

Large table with columns for Combination, Outdoor air temp., Indoor air temp. °CDB, and Capacity (kW). It is organized into multiple sections for different indoor air temperatures (16.1, 18.3, 20.0, 21.1, 22.2, 23.9) and outdoor air temperatures (-24.8 to 15.6).

TC Total capacity ; kW
PI Power Input ; kW (Comp.+Outdoor fan motor)
Note1. is shown as reference.
2. This tables reflect performance of the outdoor unit only. And not an entire system.
3. Other factors such as indoor unit power consumption, piping losses, etc. are not included.
And actual results may vary according to conditions of use.

REYQ384XBYCA Heating Capacity for Standard Condition (Tc: 46°C)

Main data table with columns for Combination, Outdoor air temp., Indoor air temp. °CDB, and Capacity (kW). Includes sub-sections for 130, 120, 110, 100, and 90 capacity units.

1. Capacity Tables (Reference Data)

REYQ408XBYCA Heating Capacity for Standard Condition (Tc: 46°C)

Main data table with columns for Combination, Outdoor air temp., Indoor air temp. °CDB, and Capacity (kW). It is organized into a grid with rows for different indoor temperatures and columns for different outdoor temperatures.

TC Total capacity; kW
PI Power Input; kW (Comp.+Outdoor fan motor)
Note 1. ... is shown as reference.
2. This tables reflect performance of the outdoor unit only. And not an entire system.
3. Other factors such as indoor unit power consumption, piping losses, etc. are not included.
And actual results may vary according to conditions of use.

REYQ432XBYCA Heating Capacity for Standard Condition (Tc: 46°C)

Table with columns for Combination, Outdoor air temp., Indoor air temp. °CDB, and Capacity (kW). It is divided into sections for indoor air temperatures of 20.0, 21.1, 22.2, and 23.9 °CDB. Each section contains a grid of capacity values for various outdoor air temperatures and combinations of TC and PI.

1. Capacity Tables (Reference Data)

1.5 Capacity Correction Factor

REYQ72XBTJA / XBYDA / XBYCA

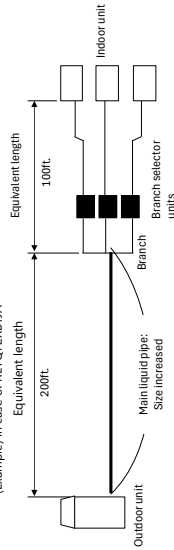
Diameter of pipe (Standard size)	
Model	Liquid pipe
REYQ72XBTJA REYQ72XBYDA REYQ72XBYCA	ø3/8

5. When the diameter of the main liquid pipe is increased, rate of change of heating capacity should be calculated with the overall equivalent length shown in below.

Overall equivalent length = Equivalent length of main pipe X Correction factor + Equivalent length after branching

Model	Correction factor
REYQ72XBTJA REYQ72XBYDA REYQ72XBYCA	0.2

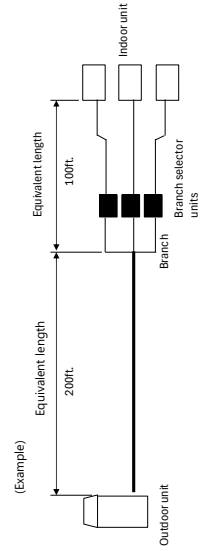
(Example) In case of REYQ72XBTJA



Overall equivalent length = 200ft. X 0.2 +100 ft. = 140 ft.

Thus rate of change of heating capacity when "Vertical pipe length" = 0ft. is approximately 1.00.
When the system does not include cooling only indoor unit rate of change of cooling capacity should be calculated with the overall equivalent length shown in below.

Overall equivalent length = Equivalent length of main pipe X 0.5 + Equivalent length after branching



Overall equivalent length = 200ft. X 0.5 +100 ft. = 200 ft.

Thus rate of change of cooling capacity when "Vertical pipe length" = 0ft. is approximately 0.89.

1. Rate of change of cooling capacity

Vertical pipe length (ft.)	Equivalent Length (ft.)														
	25	66	98	131	164	197	230	262	295	328	361	394	427	460	
Indoor Lower than Outdoor	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Indoor	0.95	0.93	0.91	0.89	0.87	0.85	0.83	0.81	0.79	0.77	0.75	0.73	0.71	0.69	
Indoor Higher than Outdoor	0.95	0.93	0.91	0.89	0.87	0.85	0.83	0.81	0.79	0.77	0.75	0.73	0.71	0.69	

2. Rate of change of heating capacity

Vertical pipe length (ft.)	Equivalent Length (ft.)														
	25	66	98	131	164	197	230	262	295	328	361	394	427	460	
Indoor Lower than Outdoor	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Indoor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
Indoor Higher than Outdoor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	

(Notes)

- Above figures indicate the rate of change of capacity when a standard system (indoor units connection ratio is 100%) is operated at maximum load (with the thermostat set to maximum) under standard conditions. Under partial load conditions, capacity change becomes smaller than them.
- With this outdoor unit, evaporating pressure constant control when cooling and condensing pressure constant control when heating are carried out.
- Method of calculating A/C (cooling/heating) capacity :
The maximum A/C capacity of the system is the smaller of the total A/C capacity of the indoor units obtained from capacity characteristic table or the maximum A/C capacity of outdoor units calculated in below.
 - When indoor units connection ratio does not exceed 100% :

Maximum A/C capacity of outdoor units	+	A/C capacity of outdoor units obtained from capacity characteristic table at 100% indoor units connection ratio
	x	Rate of change of capacity due to piping length to the farthest indoor unit
 - When indoor units connection ratio exceeds 100% :

Maximum A/C capacity of outdoor units	x	A/C capacity of outdoor units obtained from capacity characteristic table at that indoor units connection ratio
	x	Rate of change of capacity due to piping length to the farthest indoor unit

4. When overall equivalent pipe length is 295.3ft. or more, the diameter of the main liquid pipes (outdoor unit - branch sections) must be increased to below size

Model	Liquid pipe
REYQ72XBTJA REYQ72XBYDA REYQ72XBYCA	ø1/2

REYQ96XBTJA / XBYDA / XBYCA

1. Rate of change of cooling capacity

Vertical pipe length (ft.)	Equivalent Length (ft.)													
	25	66	98	131	164	197	230	262	295	328	361	394	427	460
Indoor Lower than Outdoor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Indoor	0.89	0.88	0.87	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.79	0.78	0.77	0.76
Outdoor	0.91	0.89	0.88	0.87	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.79	0.78	0.77
Indoor Higher than Outdoor	0.92	0.91	0.89	0.88	0.87	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.79	0.78
Indoor	0.94	0.92	0.91	0.90	0.88	0.87	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.79
Outdoor	0.96	0.94	0.93	0.91	0.90	0.88	0.87	0.86	0.85	0.84	0.83	0.82	0.81	0.80
Indoor Lower than Outdoor	0.98	0.96	0.94	0.93	0.91	0.90	0.88	0.87	0.86	0.85	0.84	0.83	0.82	0.81
Indoor	1.00	0.98	0.96	0.94	0.93	0.91	0.90	0.89	0.87	0.86	0.85	0.84	0.83	0.82
Outdoor	1.00	0.98	0.96	0.94	0.93	0.91	0.90	0.89	0.87	0.86	0.85	0.84	0.83	0.82
Indoor Higher than Outdoor	1.00	0.98	0.96	0.94	0.93	0.92	0.90	0.89	0.88	0.87	0.86	0.85	0.84	0.83
Indoor	1.00	1.00	0.98	0.95	0.93	0.92	0.90	0.89	0.88	0.87	0.86	0.85	0.84	0.83
Outdoor	1.00	1.00	0.98	0.95	0.93	0.92	0.90	0.89	0.88	0.87	0.86	0.85	0.84	0.83
Indoor Lower than Outdoor	1.00	1.00	0.98	0.97	0.95	0.93	0.92	0.90	0.89	0.88	0.87	0.86	0.85	0.84
Indoor	1.00	1.00	0.99	0.97	0.95	0.94	0.92	0.91	0.89	0.88	0.87	0.86	0.85	0.84
Outdoor	1.00	1.00	0.99	0.97	0.95	0.94	0.92	0.91	0.89	0.88	0.87	0.86	0.85	0.84
Indoor Higher than Outdoor	1.00	1.00	0.99	0.97	0.95	0.94	0.92	0.91	0.89	0.88	0.87	0.86	0.85	0.84
Indoor	1.00	1.00	0.99	0.97	0.95	0.94	0.92	0.91	0.89	0.88	0.87	0.86	0.85	0.84
Outdoor	1.00	1.00	0.99	0.97	0.95	0.94	0.92	0.91	0.89	0.88	0.87	0.86	0.85	0.84
Indoor Lower than Outdoor	1.00	1.00	0.99	0.97	0.95	0.94	0.92	0.91	0.89	0.88	0.87	0.86	0.85	0.84
Indoor	1.00	1.00	0.99	0.97	0.95	0.94	0.92	0.91	0.89	0.88	0.87	0.86	0.85	0.84
Outdoor	1.00	1.00	0.99	0.97	0.95	0.94	0.92	0.91	0.89	0.88	0.87	0.86	0.85	0.84
Indoor Higher than Outdoor	1.00	1.00	0.99	0.97	0.95	0.94	0.92	0.91	0.89	0.88	0.87	0.86	0.85	0.84
Indoor	1.00	1.00	0.99	0.97	0.95	0.94	0.92	0.91	0.89	0.88	0.87	0.86	0.85	0.84
Outdoor	1.00	1.00	0.99	0.97	0.95	0.94	0.92	0.91	0.89	0.88	0.87	0.86	0.85	0.84

2. Rate of change of heating capacity

Vertical pipe length (ft.)	Equivalent Length (ft.)													
	25	66	98	131	164	197	230	262	295	328	361	394	427	460
Indoor Lower than Outdoor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Indoor	0.85	0.84	0.83	0.82	0.81	0.80	0.79	0.78	0.77	0.76	0.75	0.74	0.73	0.72
Outdoor	0.87	0.85	0.84	0.83	0.82	0.81	0.80	0.79	0.78	0.77	0.76	0.75	0.74	0.73
Indoor Higher than Outdoor	0.88	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.79	0.78	0.77	0.76	0.75	0.74
Indoor	0.90	0.88	0.87	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.79	0.78	0.77	0.76
Outdoor	0.92	0.90	0.89	0.88	0.87	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.79	0.78
Indoor Lower than Outdoor	0.94	0.92	0.91	0.90	0.88	0.87	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.79
Indoor	1.00	1.00	1.00	0.99	0.98	0.97	0.96	0.95	0.94	0.93	0.92	0.91	0.90	0.89
Outdoor	1.00	1.00	1.00	0.99	0.98	0.97	0.96	0.95	0.94	0.93	0.92	0.91	0.90	0.89
Indoor Higher than Outdoor	1.00	1.00	1.00	0.99	0.98	0.97	0.96	0.95	0.94	0.93	0.92	0.91	0.90	0.89
Indoor	1.00	1.00	1.00	0.99	0.98	0.97	0.96	0.95	0.94	0.93	0.92	0.91	0.90	0.89
Outdoor	1.00	1.00	1.00	0.99	0.98	0.97	0.96	0.95	0.94	0.93	0.92	0.91	0.90	0.89
Indoor Lower than Outdoor	1.00	1.00	1.00	0.99	0.98	0.97	0.96	0.95	0.94	0.93	0.92	0.91	0.90	0.89
Indoor	1.00	1.00	1.00	0.99	0.98	0.97	0.96	0.95	0.94	0.93	0.92	0.91	0.90	0.89
Outdoor	1.00	1.00	1.00	0.99	0.98	0.97	0.96	0.95	0.94	0.93	0.92	0.91	0.90	0.89
Indoor Higher than Outdoor	1.00	1.00	1.00	0.99	0.98	0.97	0.96	0.95	0.94	0.93	0.92	0.91	0.90	0.89
Indoor	1.00	1.00	1.00	0.99	0.98	0.97	0.96	0.95	0.94	0.93	0.92	0.91	0.90	0.89
Outdoor	1.00	1.00	1.00	0.99	0.98	0.97	0.96	0.95	0.94	0.93	0.92	0.91	0.90	0.89

(Notes)

- Above figures indicate the rate of change of capacity when a standard system (indoor units connection ratio is 100%) is operated at maximum load (with the thermostat set to maximum) under standard conditions. Under partial load conditions, capacity change becomes smaller than them.
- With this outdoor unit, evaporating pressure constant control when cooling and condensing pressure constant control when heating are carried out.
- Method of calculating A/C (cooling/heating) capacity : The maximum A/C capacity of the system is the smaller of the total A/C capacity of the indoor units obtained from capacity characteristic table or the maximum A/C capacity of outdoor units calculated in below.
 - When indoor units connection ratio does not exceed 100% :

$$\text{Maximum A/C capacity of outdoor units} \times \left[\frac{\text{A/C capacity of outdoor units obtained from capacity characteristic table at 100\% indoor units connection ratio}}{\text{Rate of change of capacity due to piping length to the farthest indoor unit}} \right]$$
 - When indoor units connection ratio exceeds 100% :

$$\text{Maximum A/C capacity of outdoor units} \times \left[\frac{\text{A/C capacity of outdoor units obtained from capacity characteristic table at that indoor units connection ratio}}{\text{Rate of change of capacity due to piping length to the farthest indoor unit}} \right]$$

4. When overall equivalent pipe length is 295.3ft. or more, the diameter of the main liquid pipes (outdoor unit - branch sections) must be increased to below size

Model	Liquid pipe
REYQ96XBTJA	φ1/2
REYQ96XBYDA	
REYQ96XBYCA	

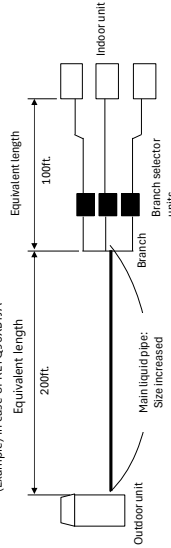
Diameter of pipe (Standard size)	
Model	Liquid pipe
REYQ96XBTJA	φ3/8
REYQ96XBYDA	
REYQ96XBYCA	

5. When the diameter of the main liquid pipe is increased, rate of change of heating capacity should be calculated with the overall equivalent length shown in below.

$$\text{Overall equivalent length} = \text{Equivalent length of main pipe} \times \text{Correction factor} + \text{Equivalent length after branching}$$

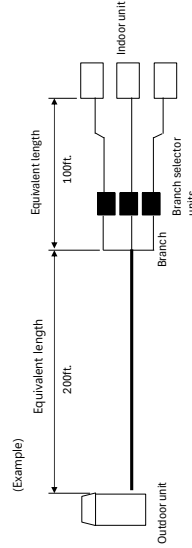
Model	Correction factor
REYQ96XBTJA	0.2
REYQ96XBYDA	
REYQ96XBYCA	

(Example) In case of REYQ96XBTJA



Overall equivalent length = 200ft. X 0.2 + 100 ft. = 140 ft.
 Thus rate of change of heating capacity when "Vertical pipe length" = 0ft. is approximately 1.00.
 When the system does not include cooling only indoor unit rate of change of cooling capacity should be calculated with the overall equivalent length shown in below.

$$\text{Overall equivalent length} = \text{Equivalent length of main pipe} \times 0.5 + \text{Equivalent length after branching}$$



Overall equivalent length = 200ft. X 0.5 + 100 ft. = 200 ft.
 Thus rate of change of cooling capacity when "Vertical pipe length" = 0ft. is approximately 0.95.

REYQ120XBTTJA / XBYDA / XBYCA

1. Rate of change of cooling capacity

Vertical pipe length (ft.)	Equivalent Length (ft.)														
	25	66	98	131	164	197	230	262	295	328	361	394	427	460	
Indoor Lower than Outdoor	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Indoor Outdoor	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Indoor Higher than Outdoor	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
FL±	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	
Indoor Lower than Outdoor	0.97	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	
Indoor Outdoor	0.99	0.98	0.97	0.96	0.95	0.94	0.93	0.92	0.91	0.90	0.89	0.88	0.87	0.86	
Indoor Higher than Outdoor	1.00	0.99	0.98	0.97	0.96	0.95	0.94	0.93	0.92	0.91	0.90	0.89	0.88	0.87	
FL±	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
Indoor Lower than Outdoor	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	
Indoor Outdoor	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	
Indoor Higher than Outdoor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
FL±	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	
Indoor Lower than Outdoor	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	
Indoor Outdoor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
Indoor Higher than Outdoor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	

Diameter of pipe (Standard size)	
Model	Liquid pipe
REYQ120XBTTJA	ø1/2
REYQ120XBYYDA	
REYQ120XBYYCA	

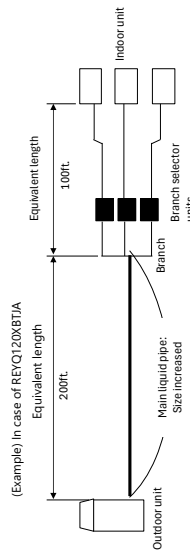
2. Rate of change of heating capacity

Vertical pipe length (ft.)	Equivalent Length (ft.)														
	25	66	98	131	164	197	230	262	295	328	361	394	427	460	
Indoor Lower than Outdoor	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Indoor Outdoor	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Indoor Higher than Outdoor	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
FL±	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	
Indoor Lower than Outdoor	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	
Indoor Outdoor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
Indoor Higher than Outdoor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
FL±	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
Indoor Lower than Outdoor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
Indoor Outdoor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
Indoor Higher than Outdoor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
FL±	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	

5. When the diameter of the main liquid pipe is increased, rate of change of heating capacity should be calculated with the overall equivalent length shown in below.

Overall equivalent length = Equivalent length of main pipe X Correction factor + Equivalent length after branching

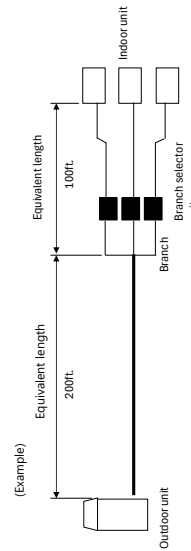
Model	Correction factor
REYQ120XBTTJA	0.3
REYQ120XBYYDA	
REYQ120XBYYCA	



Overall equivalent length = 200ft. X 0.3 + 100 ft. = 160 ft.

Thus rate of change of heating capacity when "Vertical pipe length" = 0ft. is approximately 1.00. When the system does not include cooling only indoor unit rate of change of cooling capacity should be calculated with the overall equivalent length shown in below.

Overall equivalent length = Equivalent length of main pipe X 0.5 + Equivalent length after branching



Overall equivalent length = 200ft. X 0.5 + 100 ft. = 200 ft.

Thus rate of change of cooling capacity when "Vertical pipe length" = 0ft. is approximately 0.97.

(Notes)

1. Above figures indicate the rate of change of capacity when a standard system (indoor units connection ratio is 100%) is operated at maximum load (with the thermostat set to maximum) under standard conditions.

Under partial load conditions, capacity change becomes smaller than them.

2. With this outdoor unit, evaporating pressure constant control when cooling and condensing pressure constant control when heating are carried out.

3. Method of calculating A/C (cooling/heating) capacity :

The maximum A/C capacity of the system is the smaller of the total A/C capacity of the indoor units obtained from capacity characteristic table or the maximum A/C capacity of outdoor units calculated in below.

• When indoor units connection ratio does not exceed 100% :

$$\left[\begin{matrix} \text{Maximum A/C capacity of outdoor units} \\ \times \\ \text{Rate of change of capacity due to piping length to the farthest indoor unit} \end{matrix} \right] + \left[\begin{matrix} \text{A/C capacity of outdoor units obtained from capacity characteristic table at 100\% indoor units connection ratio} \\ \times \\ \text{Rate of change of capacity due to piping length to the farthest indoor unit} \end{matrix} \right]$$

• When indoor units connection ratio exceeds 100% :

$$\left[\begin{matrix} \text{Maximum A/C capacity of outdoor units} \\ \times \\ \text{Rate of change of capacity due to piping length to the farthest indoor unit} \end{matrix} \right] + \left[\begin{matrix} \text{A/C capacity of outdoor units obtained from capacity characteristic table at that indoor units connection ratio} \\ \times \\ \text{Rate of change of capacity due to piping length to the farthest indoor unit} \end{matrix} \right]$$

4. When overall equivalent pipe length is 295.3ft. or more, the diameter of the main liquid pipes (outdoor unit - branch sections) must be increased to below size

Model	Liquid pipe
REYQ120XBTTJA	ø5/8
REYQ120XBYYDA	
REYQ120XBYYCA	

REYQ144XBTJA / XBYDA / XBYCA

1. Rate of change of cooling capacity

Vertical pipe length (ft.)	Equivalent Length (ft.)														
	25	66	98	131	164	197	230	262	295	328	361	394	427	460	
Indoor Lower than Outdoor	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Indoor Higher than Outdoor	0.95	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	
FL±	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
Indoor Lower than Outdoor	0.98	0.97	0.98	0.98	0.97	0.96	0.95	0.94	0.93	0.92	0.91	0.91	0.91	0.91	
Indoor Higher than Outdoor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
FL±	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
Indoor Lower than Outdoor	0.99	0.98	0.99	0.98	0.97	0.96	0.95	0.94	0.93	0.92	0.91	0.91	0.91	0.91	
Indoor Higher than Outdoor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
FL±	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
Indoor Lower than Outdoor	0.99	0.98	0.99	0.98	0.97	0.96	0.95	0.94	0.93	0.92	0.91	0.91	0.91	0.91	
Indoor Higher than Outdoor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
FL±	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	

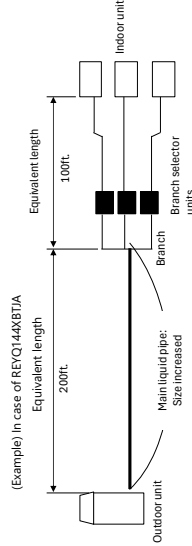
Diameter of pipe (Standard size)	
Model	Liquid pipe
REYQ144XBTJA	ø1/2
REYQ144XBYDA	
REYQ144XBYCA	

2. Rate of change of heating capacity

Vertical pipe length (ft.)	Equivalent Length (ft.)														
	25	66	98	131	164	197	230	262	295	328	361	394	427	460	
Indoor Lower than Outdoor	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Indoor Higher than Outdoor	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	
FL±	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
Indoor Lower than Outdoor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
Indoor Higher than Outdoor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
FL±	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
Indoor Lower than Outdoor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
Indoor Higher than Outdoor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
FL±	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	

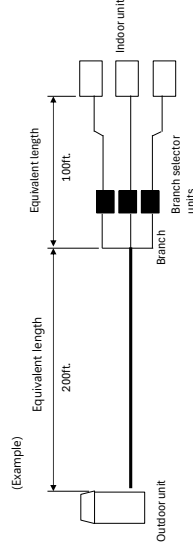
5. When the diameter of the main liquid pipe is increased, rate of change of heating capacity should be calculated with the overall equivalent length shown in below.
 Overall equivalent length = Equivalent length of main pipe X Correction factor + Equivalent length after branching

Model	Correction factor
REYQ144XBTJA	0.3
REYQ144XBYDA	
REYQ144XBYCA	



Overall equivalent length = 200ft. X 0.3 + 100 ft. = 160 ft.
 Thus rate of change of heating capacity when "Vertical pipe length" = 0ft. is approximately 1.00.

6. When the system does not include cooling only indoor unit rate of change of cooling capacity should be calculated with the overall equivalent length shown in below.
 Overall equivalent length = Equivalent length of main pipe X 0.5 + Equivalent length after branching



Overall equivalent length = 200ft. X 0.5 + 100 ft. = 200 ft.
 Thus rate of change of cooling capacity when "Vertical pipe length" = 0ft. is approximately 0.99.

(Notes)

- Above figures indicate the rate of change of capacity when a standard system (indoor units connection ratio is 100%) is operated at maximum load (with the thermostat set to maximum) under standard conditions. Under partial load conditions, capacity change becomes smaller than them.
- With this outdoor unit, evaporating pressure constant control when cooling and condensing pressure constant control when heating are carried out.
- Method of calculating A/C (cooling/heating) capacity :
 The maximum A/C capacity of the system is the smaller of the total A/C capacity of the indoor units obtained from capacity characteristic table or the maximum A/C capacity of outdoor units calculated in below.
 - When indoor units connection ratio does not exceed 100% :

Maximum A/C capacity of outdoor units	+	A/C capacity of outdoor units obtained from capacity characteristic table at 100% indoor units connection ratio
	×	Rate of change of capacity due to piping length to the farthest indoor unit
 - When indoor units connection ratio exceeds 100% :

Maximum A/C capacity of outdoor units	+	A/C capacity of outdoor units obtained from capacity characteristic table at that indoor units connection ratio
	×	Rate of change of capacity due to piping length to the farthest indoor unit
- When overall equivalent pipe length is 295.3ft. or more, the diameter of the main liquid pipes (outdoor unit - branch sections) must be increased to below size

Model	Liquid pipe
REYQ144XBTJA	ø5/8
REYQ144XBYDA	
REYQ144XBYCA	

REYQ168XBTJA / XBYDA / XBYCA

1. Rate of change of cooling capacity

Vertical pipe length (ft.)	Equivalent Length (ft.)														
	25	66	98	131	164	197	230	262	295	328	361	394	427	460	
Indoor Lower than Outdoor	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Indoor Outdoor	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Indoor Higher than Outdoor	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
FL±	0.95	0.94	0.93	0.92	0.91	0.90	0.89	0.88	0.88	0.88	0.88	0.88	0.88	0.88	
25	1.00	1.00	0.99	0.98	0.96	0.95	0.94	0.93	0.92	0.91	0.90	0.89	0.88	0.88	
66	1.00	1.00	0.99	0.98	0.96	0.95	0.94	0.93	0.92	0.91	0.90	0.89	0.88	0.88	
98	1.00	1.00	0.99	0.98	0.96	0.95	0.94	0.93	0.92	0.91	0.90	0.89	0.88	0.88	
131	1.00	1.00	0.99	0.98	0.96	0.95	0.94	0.93	0.92	0.91	0.90	0.89	0.88	0.88	
164	1.00	1.00	0.99	0.98	0.96	0.95	0.94	0.93	0.92	0.91	0.90	0.89	0.88	0.88	
197	1.00	1.00	0.99	0.98	0.96	0.95	0.94	0.93	0.92	0.91	0.90	0.89	0.88	0.88	
230	1.00	1.00	0.99	0.98	0.96	0.95	0.94	0.93	0.92	0.91	0.90	0.89	0.88	0.88	
262	1.00	1.00	0.99	0.98	0.96	0.95	0.94	0.93	0.92	0.91	0.90	0.89	0.88	0.88	
295	1.00	1.00	0.99	0.98	0.96	0.95	0.94	0.93	0.92	0.91	0.90	0.89	0.88	0.88	

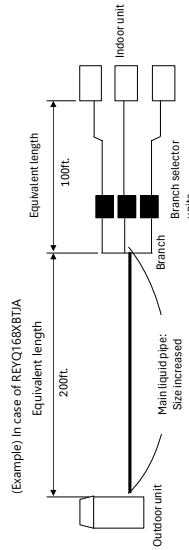
Diameter of pipe (Standard size)

Model	Liquid pipe
REYQ168XBTJA	ø5/8
REYQ168XBYDA	
REYQ168XBYCA	

5. When the diameter of the main liquid pipe is increased, rate of change of heating capacity should be calculated with the overall equivalent length shown in below.

Overall equivalent length = Equivalent length of main pipe X Correction factor + Equivalent length after branching

Model	Correction factor
REYQ168XBTJA	0.4
REYQ168XBYDA	
REYQ168XBYCA	

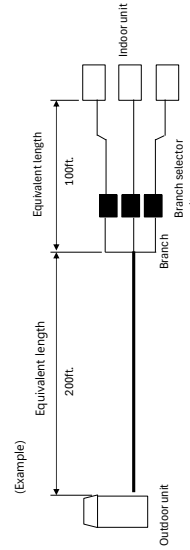


Overall equivalent length = 200ft. X 0.4 + 100 ft. = 180 ft.

Thus rate of change of heating capacity when "Vertical pipe length" = 0ft. is approximately 1.00.

6. When the system does not include cooling only indoor unit rate of change of cooling capacity should be calculated with the overall equivalent length shown in below.

Overall equivalent length = Equivalent length of main pipe X 0.5 + Equivalent length after branching



Overall equivalent length = 200ft. X 0.5 + 100 ft. = 200 ft.

Thus rate of change of cooling capacity when "Vertical pipe length" = 0ft. is approximately 0.95.

2. Rate of change of heating capacity

Vertical pipe length (ft.)	Equivalent Length (ft.)														
	25	66	98	131	164	197	230	262	295	328	361	394	427	460	
Indoor Lower than Outdoor	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Indoor Outdoor	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Indoor Higher than Outdoor	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
FL±	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
25	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
66	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
131	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
164	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
197	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
230	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
262	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
295	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
328	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
361	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
394	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
427	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
460	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	

(Notes)

1. Above figures indicate the rate of change of capacity when a standard system (indoor units connection ratio is 100%) is operated at maximum load (with the thermostat set to maximum) under standard conditions.

Under partial load conditions, capacity change becomes smaller than them.

2. With this outdoor unit, evaporating pressure constant control when cooling and condensing pressure constant control when heating are carried out.

3. Method of calculating A/C (cooling/heating) capacity :

The maximum A/C capacity of the system is the smaller of the total A/C capacity of the indoor units obtained from capacity characteristic table or the maximum A/C capacity of outdoor units calculated in below.

• When indoor units connection ratio does not exceed 100% :

Maximum A/C capacity of outdoor units

A/C capacity of outdoor units obtained from capacity characteristic table at 100% indoor units connection ratio

Rate of change of capacity due to piping length to the farthest indoor unit

A/C capacity of outdoor units obtained from capacity characteristic table at that indoor units connection ratio

Rate of change of capacity due to piping length to the farthest indoor unit

When indoor units connection ratio exceeds 100% :

Maximum A/C capacity of outdoor units

A/C capacity of outdoor units obtained from capacity characteristic table at that indoor units connection ratio

Rate of change of capacity due to piping length to the farthest indoor unit

When indoor units connection ratio exceeds 100% :

Maximum A/C capacity of outdoor units

A/C capacity of outdoor units obtained from capacity characteristic table at that indoor units connection ratio

Rate of change of capacity due to piping length to the farthest indoor unit

When indoor units connection ratio exceeds 100% :

Maximum A/C capacity of outdoor units

A/C capacity of outdoor units obtained from capacity characteristic table at that indoor units connection ratio

Rate of change of capacity due to piping length to the farthest indoor unit

4. When overall equivalent pipe length is 295.3ft. or more, the diameter of the main liquid pipes (outdoor unit - branch sections) must be increased to below size

Model	Liquid pipe
REYQ168XBTJA	ø3/4
REYQ168XBYDA	
REYQ168XBYCA	

REYQ216XBTJA / XBYDA / XBYCA

1. Rate of change of cooling capacity

Vertical pipe length (ft.)	Equivalent Length (ft.)													
	25	66	98	131	164	197	230	262	295	328	361	394	427	460
Indoor Lower than Outdoor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Indoor Higher than Outdoor	0.96	0.95	0.94	0.93	0.92	0.91	0.90	0.89	0.88	0.87	0.86	0.85	0.84	0.83
Indoor Lower than Outdoor	0.96	0.95	0.94	0.93	0.92	0.91	0.90	0.89	0.88	0.87	0.86	0.85	0.84	0.83
Indoor Higher than Outdoor	0.96	0.95	0.94	0.93	0.92	0.91	0.90	0.89	0.88	0.87	0.86	0.85	0.84	0.83

Diameter of pipe (Standard size)	Liquid pipe
Model	95/8
REYQ216XBTJA	
REYQ216XBYDA	
REYQ216XBYCA	

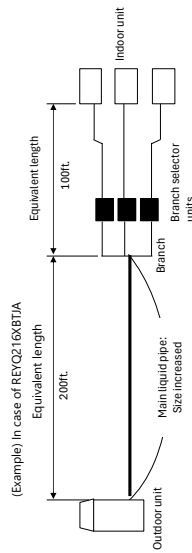
2. Rate of change of heating capacity

Vertical pipe length (ft.)	Equivalent Length (ft.)													
	25	66	98	131	164	197	230	262	295	328	361	394	427	460
Indoor Lower than Outdoor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Indoor Higher than Outdoor	0.96	0.95	0.94	0.93	0.92	0.91	0.90	0.89	0.88	0.87	0.86	0.85	0.84	0.83
Indoor Lower than Outdoor	0.96	0.95	0.94	0.93	0.92	0.91	0.90	0.89	0.88	0.87	0.86	0.85	0.84	0.83
Indoor Higher than Outdoor	0.96	0.95	0.94	0.93	0.92	0.91	0.90	0.89	0.88	0.87	0.86	0.85	0.84	0.83

5. When the diameter of the main liquid pipe is increased, rate of change of heating capacity should be calculated with the overall equivalent length shown in below.

Overall equivalent length = Equivalent length of main pipe X Correction factor + Equivalent length after branching

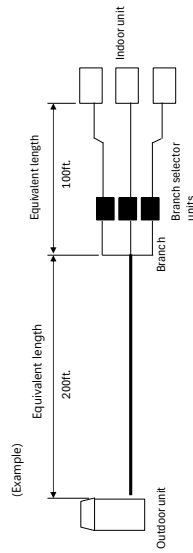
Model	Correction factor
REYQ216XBTJA	0.4
REYQ216XBYDA	
REYQ216XBYCA	



Overall equivalent length = 200ft. X 0.4 + 100 ft. = 180 ft.
Thus rate of change of heating capacity when "Vertical pipe length" = 0ft. is approximately 1.00.

6. When the system does not include cooling only indoor unit rate of change of cooling capacity should be calculated with the overall equivalent length shown in below.

Overall equivalent length = Equivalent length of main pipe X 0.5 + Equivalent length after branching



Overall equivalent length = 200ft. X 0.5 + 100 ft. = 200 ft.
Thus rate of change of cooling capacity when "Vertical pipe length" = 0ft. is approximately 0.93.

(Notes) 1. Above figures indicate the rate of change of capacity when a standard system (indoor units connection ratio is 100%) is operated at maximum load (with the thermostat set to maximum) under standard conditions.

2. With this outdoor unit, evaporating pressure constant control when cooling and condensing pressure constant control when heating are carried out.

3. Method of calculating A/C (cooling/heating) capacity : The maximum A/C capacity of the system is the smaller of the total A/C capacity of the indoor units obtained from capacity characteristic table or the maximum A/C capacity of outdoor units calculated in below.

• When indoor units connection ratio does not exceed 100% :

Maximum A/C capacity of outdoor units X A/C capacity of outdoor units obtained from capacity characteristic table at 100% indoor units connection ratio

X Rate of change of capacity due to piping length to the farthest indoor unit

• When indoor units connection ratio exceeds 100% :

Maximum A/C capacity of outdoor units X A/C capacity of outdoor units obtained from capacity characteristic table at that indoor units connection ratio

X Rate of change of capacity due to piping length to the farthest indoor unit

4. When overall equivalent pipe length is 295.3ft. or more, the diameter of the main liquid pipes (outdoor unit - branch sections) must be increased to below size

Model	Liquid pipe
REYQ216XBTJA	93/4
REYQ216XBYDA	
REYQ216XBYCA	

REYQ240XBTJA / XBYDA / XBYCA

1. Rate of change of cooling capacity

Vertical pipe length (ft.)	Equivalent Length (ft.)													
	25	66	98	131	164	197	230	262	295	328	361	394	427	460
Indoor Lower than Outdoor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Indoor	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
Outdoor	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96
Indoor Higher than Outdoor	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97
Indoor	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98
Outdoor	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99
Indoor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Outdoor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

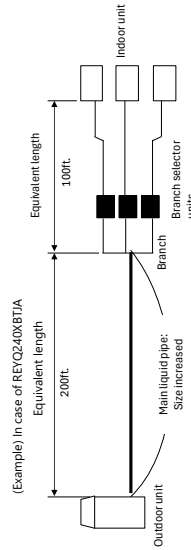
Diameter of pipe (Standard size)	
Model	Liquid pipe
REYQ240XBTTA	ø5/8
REYQ240XBVDA	
REYQ240XBVCA	

2. Rate of change of heating capacity

Vertical pipe length (ft.)	Equivalent Length (ft.)													
	25	66	98	131	164	197	230	262	295	328	361	394	427	460
Indoor Lower than Outdoor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Indoor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Outdoor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Indoor Higher than Outdoor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Indoor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Outdoor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

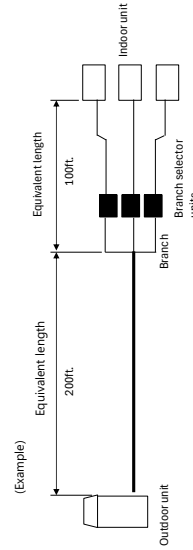
5. When the diameter of the main liquid pipe is increased, rate of change of heating capacity should be calculated with the overall equivalent length shown in below.
 Overall equivalent length = Equivalent length of main pipe X Correction factor + Equivalent length after branching

Model	Correction factor
REYQ240XBTTA	0.4
REYQ240XBVDA	
REYQ240XBVCA	



(Example) In case of REYQ240XBTTA
 Overall equivalent length = 200ft. X 0.4 + 100 ft. = 180 ft.
 Thus rate of change of heating capacity when "Vertical pipe length" = 0ft. is approximately 1.00.

6. When the system does not include cooling only indoor unit rate of change of cooling capacity should be calculated with the overall equivalent length shown in below.
 Overall equivalent length = Equivalent length of main pipe X 0.5 + Equivalent length after branching



(Example) Overall equivalent length = 200ft. X 0.5 + 100 ft. = 200 ft.
 Thus rate of change of cooling capacity when "Vertical pipe length" = 0ft. is approximately 0.97.

(Notes)
 1. Above figures indicate the rate of change of capacity when a standard system (indoor units connection ratio is 100%) is operated at maximum load (with the thermostat set to maximum) under standard conditions.
 Under partial load conditions, capacity change becomes smaller than them.

2. With this outdoor unit, evaporating pressure constant control when cooling and condensing pressure constant control when heating are carried out.

3. Method of calculating A/C (cooling/heating) capacity :
 The maximum A/C capacity of the system is the smaller of the total A/C capacity of the indoor units obtained from capacity characteristic table or the maximum A/C capacity of outdoor units calculated in below.

• When indoor units connection ratio does not exceed 100% :

$$\frac{\text{Maximum A/C capacity of outdoor units}}{\text{Rate of change of capacity due to piping length to the farthest indoor unit}} \times \frac{\text{A/C capacity of outdoor units obtained from capacity characteristic table at 100\% indoor units connection ratio}}{\text{Rate of change of capacity due to piping length to the farthest indoor unit}}$$

• When indoor units connection ratio exceeds 100% :

$$\frac{\text{Maximum A/C capacity of outdoor units}}{\text{Rate of change of capacity due to piping length to the farthest indoor unit}} \times \frac{\text{A/C capacity of outdoor units obtained from capacity characteristic table at that indoor units connection ratio}}{\text{Rate of change of capacity due to piping length to the farthest indoor unit}}$$

4. When overall equivalent pipe length is 295.3ft. or more, the diameter of the main liquid pipes (outdoor unit - branch sections) must be increased to below size

Model	Liquid pipe
REYQ240XBTTA	ø3/4
REYQ240XBVDA	
REYQ240XBVCA	

REYQ264XBTJA / XBYDA / XBYCA

1. Rate of change of cooling capacity

Vertical pipe length (ft.)	Equivalent Length (ft.)													
	25	66	98	131	164	197	230	262	295	328	361	394	427	460
Indoor Lower than Outdoor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Indoor	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
Outdoor	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
Indoor Higher than Outdoor	0.97	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96
Indoor	0.99	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98
Outdoor	0.99	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98
Indoor Lower than Outdoor	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99
Indoor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Outdoor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Indoor Higher than Outdoor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Indoor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Outdoor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Indoor Lower than Outdoor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Indoor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Outdoor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Indoor Higher than Outdoor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Indoor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Outdoor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Indoor Lower than Outdoor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Indoor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Outdoor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Indoor Higher than Outdoor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Indoor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Outdoor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Diameter of pipe (Standard size)	
Model	Liquid pipe
REYQ264XBTJA	9/8
REYQ264XBYDA	
REYQ264XBYCA	

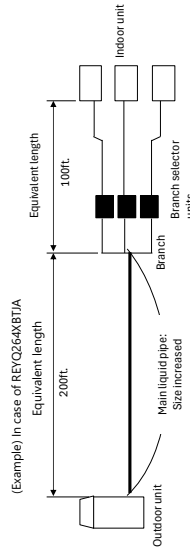
2. Rate of change of heating capacity

Vertical pipe length (ft.)	Equivalent Length (ft.)													
	25	66	98	131	164	197	230	262	295	328	361	394	427	460
Indoor Lower than Outdoor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Indoor	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
Outdoor	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
Indoor Higher than Outdoor	0.97	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96
Indoor	0.99	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98
Outdoor	0.99	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98
Indoor Lower than Outdoor	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99
Indoor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Outdoor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Indoor Higher than Outdoor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Indoor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Outdoor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Indoor Lower than Outdoor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Indoor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Outdoor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Indoor Higher than Outdoor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Indoor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Outdoor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Indoor Lower than Outdoor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Indoor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Outdoor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Indoor Higher than Outdoor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Indoor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Outdoor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

5. When the diameter of the main liquid pipe is increased, rate of change of heating capacity should be calculated with the overall equivalent length shown in below.

Overall equivalent length = Equivalent length of main pipe X Correction factor + Equivalent length after branching

Model	Correction factor
REYQ264XBTJA	0.4
REYQ264XBYDA	
REYQ264XBYCA	

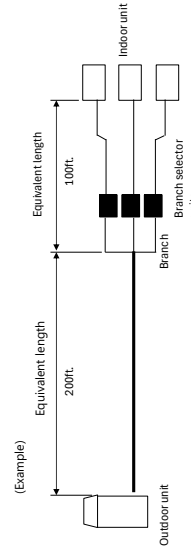


Overall equivalent length = 200ft. X 0.4 + 100 ft. = 180 ft.

Thus rate of change of heating capacity when "Vertical pipe length" = 0ft. is approximately 1.00.

6. When the system does not include cooling only indoor unit rate of change of cooling capacity should be calculated with the overall equivalent length shown in below.

Overall equivalent length = Equivalent length of main pipe X 0.5 + Equivalent length after branching



Overall equivalent length = 200ft. X 0.5 + 100 ft. = 200 ft.

Thus rate of change of cooling capacity when "Vertical pipe length" = 0ft. is approximately 0.98.

(Notes)

- Above figures indicate the rate of change of capacity when a standard system (indoor units connection ratio is 100%) is operated at maximum load (with the thermostat set to maximum) under standard conditions. Under partial load conditions, capacity change becomes smaller than them.
- With this outdoor unit, evaporating pressure constant control when cooling and condensing pressure constant control when heating are carried out.
- Method of calculating A/C (cooling/heating) capacity : The maximum A/C capacity of the system is the smaller of the total A/C capacity of the indoor units obtained from capacity characteristic table or the maximum A/C capacity of outdoor units calculated in below.
 - When indoor units connection ratio does not exceed 100% :

$$\text{Maximum A/C capacity of outdoor units} \times \left[\frac{\text{A/C capacity of outdoor units obtained from capacity characteristic table at 100\% indoor units connection ratio}}{\text{Rate of change of capacity due to piping length to the farthest indoor unit}} \right]$$

• When indoor units connection ratio exceeds 100% :

$$\text{Maximum A/C capacity of outdoor units} \times \left[\frac{\text{A/C capacity of outdoor units obtained from capacity characteristic table at that indoor units connection ratio}}{\text{Rate of change of capacity due to piping length to the farthest indoor unit}} \right]$$

- When overall equivalent pipe length is 295.3ft. or more, the diameter of the main liquid pipes (outdoor unit - branch sections) must be increased to below size

Model	Liquid pipe
REYQ264XBTJA	9/8
REYQ264XBYDA	
REYQ264XBYCA	

REYQ288XBTJA / XBYDA / XBYCA

1. Rate of change of cooling capacity

Vertical pipe length (ft.)	Equivalent Length (ft.)													
	25	66	98	131	164	197	230	262	295	328	361	394	427	460
Indoor Lower than Outdoor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Indoor	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96
Outdoor	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96
Indoor Higher than Outdoor	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96
Indoor	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96
Outdoor	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96
Indoor Lower than Outdoor	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96
Indoor	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96
Outdoor	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96
Indoor Higher than Outdoor	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96
Indoor	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96
Outdoor	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96
Indoor Lower than Outdoor	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96
Indoor	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96
Outdoor	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96
Indoor Higher than Outdoor	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96
Indoor	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96
Outdoor	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96

Diameter of pipe (Standard size)	
Model	Liquid pipe
REYQ288XBTJA	9/8
REYQ288XBYDA	
REYQ288XBYCA	

2. Rate of change of heating capacity

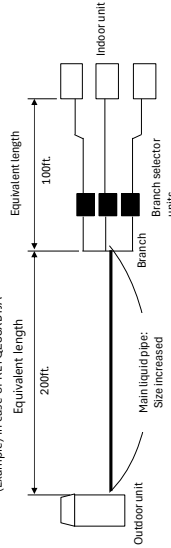
Vertical pipe length (ft.)	Equivalent Length (ft.)													
	25	66	98	131	164	197	230	262	295	328	361	394	427	460
Indoor Lower than Outdoor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Indoor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Outdoor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Indoor Higher than Outdoor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Indoor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Outdoor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Indoor Lower than Outdoor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Indoor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Outdoor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Indoor Higher than Outdoor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Indoor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Outdoor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Indoor Lower than Outdoor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Indoor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Outdoor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Indoor Higher than Outdoor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Indoor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Outdoor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

5. When the diameter of the main liquid pipe is increased, rate of change of heating capacity should be calculated with the overall equivalent length shown in below.

Overall equivalent length = Equivalent length of main pipe X Correction factor + Equivalent length after branching

Model	Correction factor
REYQ288XBTJA	0.4
REYQ288XBYDA	
REYQ288XBYCA	

(Example) In case of REYQ288XBTJA

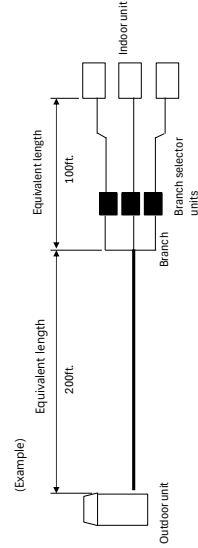


Overall equivalent length = 200ft. X 0.4 + 100 ft. = 180 ft.

Thus rate of change of heating capacity when "Vertical pipe length" = 0ft. is approximately 1.00.

6. When the system does not include cooling only indoor unit rate of change of cooling capacity should be calculated with the overall equivalent length shown in below.

Overall equivalent length = Equivalent length of main pipe X 0.5 + Equivalent length after branching



Overall equivalent length = 200ft. X 0.5 + 100 ft. = 200 ft.

Thus rate of change of cooling capacity when "Vertical pipe length" = 0ft. is approximately 0.99.

(Notes)

1. Above figures indicate the rate of change of capacity when a standard system (indoor units connection ratio is 100%) is operated at maximum load (with the thermostat set to maximum) under standard conditions.

Under partial load conditions, capacity change becomes smaller than them.

2. With this outdoor unit, evaporating pressure constant control when cooling and condensing pressure constant control when heating are carried out.

3. Method of calculating A/C (cooling/heating) capacity :

The maximum A/C capacity of the system is the smaller of the total A/C capacity of the indoor units obtained from capacity characteristic table or the maximum A/C capacity of outdoor units calculated in below.

• When indoor units connection ratio does not exceed 100% :

$$\text{Maximum A/C capacity of outdoor units} \times \left[\frac{\text{A/C capacity of outdoor units obtained from capacity characteristic table at 100\% indoor units connection ratio}}{\text{Rate of change of capacity due to piping length to the farthest indoor unit}} \right]$$

• When indoor units connection ratio exceeds 100% :

$$\text{Maximum A/C capacity of outdoor units} \times \left[\frac{\text{A/C capacity of outdoor units obtained from capacity characteristic table at that indoor units connection ratio}}{\text{Rate of change of capacity due to piping length to the farthest indoor unit}} \right]$$

4. When overall equivalent pipe length is 295.3ft. or more, the diameter of the main liquid pipes (outdoor unit - branch sections) must be increased to below size

Model	Liquid pipe
REYQ288XBTJA	9/8
REYQ288XBYDA	
REYQ288XBYCA	

REYQ336XBTJA / XBYDA / XBYCA

1. Rate of change of cooling capacity

Vertical pipe length (ft.)	Equivalent Length (ft.)													
	25	66	98	131	164	197	230	262	295	328	361	394	427	460
Indoor Lower than Outdoor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Indoor	0.95	0.94	0.93	0.92	0.91	0.90	0.89	0.88	0.87	0.86	0.85	0.84	0.83	0.82
Outdoor	0.97	0.96	0.95	0.94	0.93	0.92	0.91	0.90	0.89	0.88	0.87	0.86	0.85	0.84
Indoor Higher than Outdoor	0.99	0.98	0.97	0.96	0.95	0.94	0.93	0.92	0.91	0.90	0.89	0.88	0.87	0.86
Indoor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Outdoor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Indoor Lower than Outdoor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Indoor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Outdoor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Indoor Higher than Outdoor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Indoor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Outdoor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Indoor Lower than Outdoor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Indoor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Outdoor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Indoor Higher than Outdoor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Indoor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Outdoor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Diameter of pipe (Standard size)	
Model	Liquid pipe
REYQ336XBTJA	9/8
REYQ336XBYDA	
REYQ336XBYCA	

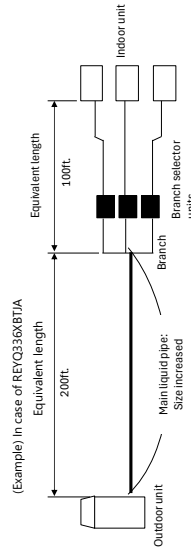
2. Rate of change of heating capacity

Vertical pipe length (ft.)	Equivalent Length (ft.)													
	25	66	98	131	164	197	230	262	295	328	361	394	427	460
Indoor Lower than Outdoor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Indoor	0.95	0.94	0.93	0.92	0.91	0.90	0.89	0.88	0.87	0.86	0.85	0.84	0.83	0.82
Outdoor	0.97	0.96	0.95	0.94	0.93	0.92	0.91	0.90	0.89	0.88	0.87	0.86	0.85	0.84
Indoor Higher than Outdoor	0.99	0.98	0.97	0.96	0.95	0.94	0.93	0.92	0.91	0.90	0.89	0.88	0.87	0.86
Indoor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Outdoor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Indoor Lower than Outdoor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Indoor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Outdoor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Indoor Higher than Outdoor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Indoor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Outdoor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Indoor Lower than Outdoor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Indoor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Outdoor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Indoor Higher than Outdoor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Indoor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Outdoor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

5. When the diameter of the main liquid pipe is increased, rate of change of heating capacity should be calculated with the overall equivalent length shown in below.

Overall equivalent length = Equivalent length of main pipe X Correction factor + Equivalent length after branching

Model	Correction factor
REYQ336XBTJA	0.4
REYQ336XBYDA	
REYQ336XBYCA	

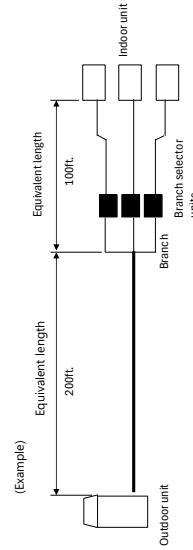


Overall equivalent length = 200ft. X 0.4 + 100 ft. = 180 ft.

Thus rate of change of heating capacity when "Vertical pipe length" = 0ft. is approximately 1.00.

6. When the system does not include cooling only indoor unit rate of change of cooling capacity should be calculated with the overall equivalent length shown in below.

Overall equivalent length = Equivalent length of main pipe X 0.5 + Equivalent length after branching



Overall equivalent length = 200ft. X 0.5 + 100 ft. = 200 ft.

Thus rate of change of cooling capacity when "Vertical pipe length" = 0ft. is approximately 0.92.

(Notes)

1. Above figures indicate the rate of change of capacity when a standard system (indoor units connection ratio is 100%) is operated at maximum load (with the thermostat set to maximum) under standard conditions.

Under partial load conditions, capacity change becomes smaller than them.

2. With this outdoor unit, evaporating pressure constant control when cooling and condensing pressure constant control when heating are carried out.

3. Method of calculating A/C (cooling/heating) capacity :

The maximum A/C capacity of the system is the smaller of the total A/C capacity of the indoor units obtained from capacity characteristic table or the maximum A/C capacity of outdoor units calculated in below.

• When indoor units connection ratio does not exceed 100% :

$$\frac{\text{Maximum A/C capacity of outdoor units}}{\text{Rate of change of capacity due to piping length to the farthest indoor unit}} \times \frac{\text{A/C capacity of outdoor units obtained from capacity characteristic table at 100\% indoor units connection ratio}}{\text{Rate of change of capacity due to piping length to the farthest indoor unit}}$$

• When indoor units connection ratio exceeds 100% :

$$\frac{\text{Maximum A/C capacity of outdoor units}}{\text{Rate of change of capacity due to piping length to the farthest indoor unit}} \times \frac{\text{A/C capacity of outdoor units obtained from capacity characteristic table at that indoor units connection ratio}}{\text{Rate of change of capacity due to piping length to the farthest indoor unit}}$$

4. When overall equivalent pipe length is 295.3ft. or more, the diameter of the main liquid pipes (outdoor unit - branch sections) must be increased to below size

Model	Liquid pipe
REYQ336XBTJA	9/8
REYQ336XBYDA	
REYQ336XBYCA	

REYQ360XBTJA / XBYDA / XBYCA

1. Rate of change of cooling capacity

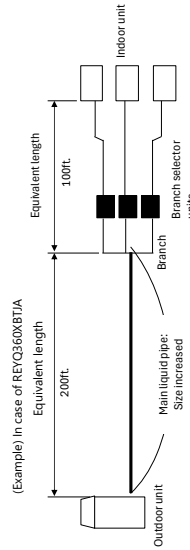
Vertical pipe length (ft.)	Equivalent Length (ft.)													
	25	66	98	131	164	197	230	262	295	328	361	394	427	460
Indoor Lower than Outdoor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Indoor	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99
Outdoor	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99
Indoor Higher than Outdoor	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99
Indoor	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99
Outdoor	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99
Indoor Lower than Outdoor	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99
Indoor	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99
Outdoor	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99
Indoor Higher than Outdoor	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99
Indoor	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99
Outdoor	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99
Indoor Lower than Outdoor	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99
Indoor	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99
Outdoor	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99
Indoor Higher than Outdoor	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99
Indoor	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99
Outdoor	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99
Indoor Lower than Outdoor	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99
Indoor	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99
Outdoor	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99
Indoor Higher than Outdoor	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99
Indoor	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99
Outdoor	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99

Diameter of pipe (Standard size)	
Model	Liquid pipe
REYQ360XBTJA	9/8
REYQ360XBYDA	
REYQ360XBYCA	

5. When the diameter of the main liquid pipe is increased, rate of change of heating capacity should be calculated with the overall equivalent length shown in below.

Overall equivalent length = Equivalent length of main pipe X Correction factor + Equivalent length after branching

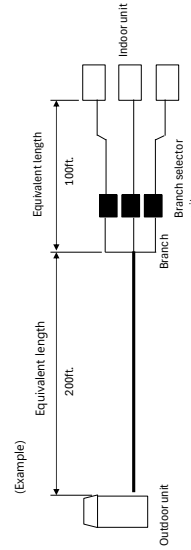
Model	Correction factor
REYQ360XBTJA	0.4
REYQ360XBYDA	
REYQ360XBYCA	



Overall equivalent length = 200ft. X 0.4 + 100 ft. = 180 ft.
Thus rate of change of heating capacity when "Vertical pipe length" = 0ft. is approximately 1.00.

6. When the system does not include cooling only indoor unit rate of change of cooling capacity should be calculated with the overall equivalent length shown in below.

Overall equivalent length = Equivalent length of main pipe X 0.5 + Equivalent length after branching



Overall equivalent length = 200ft. X 0.5 + 100 ft. = 200 ft.
Thus rate of change of cooling capacity when "Vertical pipe length" = 0ft. is approximately 0.97.

2. Rate of change of heating capacity

Vertical pipe length (ft.)	Equivalent Length (ft.)													
	25	66	98	131	164	197	230	262	295	328	361	394	427	460
Indoor Lower than Outdoor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Indoor	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99
Outdoor	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99
Indoor Higher than Outdoor	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99
Indoor	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99
Outdoor	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99
Indoor Lower than Outdoor	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99
Indoor	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99
Outdoor	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99
Indoor Higher than Outdoor	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99
Indoor	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99
Outdoor	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99
Indoor Lower than Outdoor	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99
Indoor	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99
Outdoor	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99
Indoor Higher than Outdoor	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99
Indoor	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99
Outdoor	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99
Indoor Lower than Outdoor	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99
Indoor	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99
Outdoor	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99
Indoor Higher than Outdoor	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99
Indoor	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99
Outdoor	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99

(Notes)

1. Above figures indicate the rate of change of capacity when a standard system (indoor units connection ratio is 100%) is operated at maximum load (with the thermostat set to maximum) under standard conditions.

Under partial load conditions, capacity change becomes smaller than them.

2. With this outdoor unit, evaporating pressure constant control when cooling and condensing pressure constant control when heating are carried out.

3. Method of calculating A/C (cooling/heating) capacity :

The maximum A/C capacity of the system is the smaller of the total A/C capacity of the indoor units obtained from capacity characteristic table or the maximum A/C capacity of outdoor units calculated in below.

• When indoor units connection ratio does not exceed 100% :

$$\text{Maximum A/C capacity of outdoor units} \times \left[\frac{\text{A/C capacity of outdoor units obtained from capacity characteristic table at 100\% indoor units connection ratio}}{\text{Rate of change of capacity due to piping length to the farthest indoor unit}} \right]$$

• When indoor units connection ratio exceeds 100% :

$$\text{Maximum A/C capacity of outdoor units} \times \left[\frac{\text{A/C capacity of outdoor units obtained from capacity characteristic table at that indoor units connection ratio}}{\text{Rate of change of capacity due to piping length to the farthest indoor unit}} \right]$$

4. When overall equivalent pipe length is 295.3ft. or more, the diameter of the main liquid pipes (outdoor unit - branch sections) must be increased to below size

Model	Liquid pipe
REYQ360XBTJA	9/8
REYQ360XBYDA	
REYQ360XBYCA	

REYQ384XBTJA / XBYDA / XBYCA

1. Rate of change of cooling capacity

Vertical pipe length (ft.)	Equivalent Length (ft.)													
	25	66	98	131	164	197	230	262	295	328	361	394	427	460
Indoor Lower than Outdoor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Indoor Outdoor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Indoor Higher than Outdoor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FL±	0	1.00	1.00	1.00	1.00	0.99	0.98	0.97	0.96	0.95	0.94	0.93	0.92	0.91
Indoor Lower than Outdoor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Indoor Outdoor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Indoor Higher than Outdoor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FL±	0	1.00	1.00	1.00	1.00	0.99	0.98	0.97	0.96	0.95	0.94	0.93	0.92	0.91
Indoor Lower than Outdoor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Indoor Outdoor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Indoor Higher than Outdoor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FL±	0	1.00	1.00	1.00	1.00	0.99	0.98	0.97	0.96	0.95	0.94	0.93	0.92	0.91
Indoor Lower than Outdoor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Indoor Outdoor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Indoor Higher than Outdoor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FL±	0	1.00	1.00	1.00	1.00	0.99	0.98	0.97	0.96	0.95	0.94	0.93	0.92	0.91

Diameter of pipe (Standard size)	
Model	Liquid pipe
REYQ384XBTJA	ø3/4
REYQ384XBYDA	
REYQ384XBYCA	

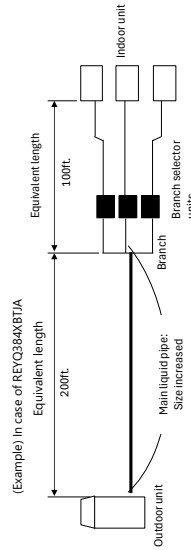
2. Rate of change of heating capacity

Vertical pipe length (ft.)	Equivalent Length (ft.)													
	25	66	98	131	164	197	230	262	295	328	361	394	427	460
Indoor Lower than Outdoor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Indoor Outdoor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Indoor Higher than Outdoor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FL±	0	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Indoor Lower than Outdoor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Indoor Outdoor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Indoor Higher than Outdoor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FL±	0	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Indoor Lower than Outdoor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Indoor Outdoor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Indoor Higher than Outdoor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FL±	0	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

5. When the diameter of the main liquid pipe is increased, rate of change of heating capacity should be calculated with the overall equivalent length shown in below.

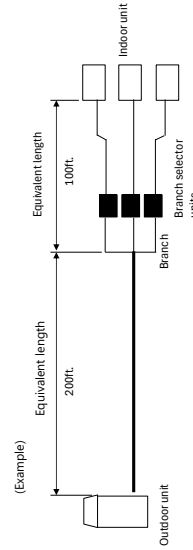
Overall equivalent length = Equivalent length of main pipe X Correction factor + Equivalent length after branching

Model	Correction factor
REYQ384XBTJA	0.4
REYQ384XBYDA	
REYQ384XBYCA	



Overall equivalent length = 200ft. X 0.4 + 100 ft. = 180 ft.
 Thus rate of change of heating capacity when "Vertical pipe length" = 0ft. is approximately 1.00.
 6. When the system does not include cooling only indoor unit rate of change of cooling capacity should be calculated with the overall equivalent length shown in below.

Overall equivalent length = Equivalent length of main pipe X 0.5 + Equivalent length after branching



Overall equivalent length = 200ft. X 0.5 + 100 ft. = 200 ft.
 Thus rate of change of cooling capacity when "Vertical pipe length" = 0ft. is approximately 0.98.

(Notes)

- Above figures indicate the rate of change of capacity when a standard system (indoor units connection ratio is 100%) is operated at maximum load (with the thermostat set to maximum) under standard conditions. Under partial load conditions, capacity change becomes smaller than them.
- With this outdoor unit, evaporating pressure constant control when cooling and condensing pressure constant control when heating are carried out.
- Method of calculating A/C (cooling/heating) capacity : The maximum A/C capacity of the system is the smaller of the total A/C capacity of the indoor units obtained from capacity characteristic table or the maximum A/C capacity of outdoor units calculated in below.
 - When indoor units connection ratio does not exceed 100% :

$$\frac{\text{Maximum A/C capacity of outdoor units}}{\text{Rate of change of capacity due to piping length to the farthest indoor unit}} \times \frac{\text{A/C capacity of outdoor units obtained from capacity characteristic table at 100\% indoor units connection ratio}}{\text{Rate of change of capacity due to piping length to the farthest indoor unit}}$$

$$\frac{\text{Maximum A/C capacity of outdoor units}}{\text{Rate of change of capacity due to piping length to the farthest indoor unit}} \times \frac{\text{A/C capacity of outdoor units obtained from capacity characteristic table at that indoor units connection ratio}}{\text{Rate of change of capacity due to piping length to the farthest indoor unit}}$$

4. When overall equivalent pipe length is 295.3ft. or more, the diameter of the main liquid pipes (outdoor unit - branch sections) must be increased to below size

Model	Liquid pipe
REYQ384XBTJA	ø7/8
REYQ384XBYDA	
REYQ384XBYCA	

REYQ408XBTJA / XBYDA / XBYCA

1. Rate of change of cooling capacity

Vertical pipe length (ft.)	Equivalent Length (ft.)													
	25	66	98	131	164	197	230	262	295	328	361	394	427	460
Indoor Lower than Outdoor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Indoor	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
Outdoor	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
Indoor Higher than Outdoor	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
Indoor	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
Outdoor	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
Indoor Lower than Outdoor	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
Indoor	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
Outdoor	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
Indoor Higher than Outdoor	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
Indoor	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
Outdoor	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
Indoor Lower than Outdoor	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
Indoor	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
Outdoor	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
Indoor Higher than Outdoor	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
Indoor	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
Outdoor	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95

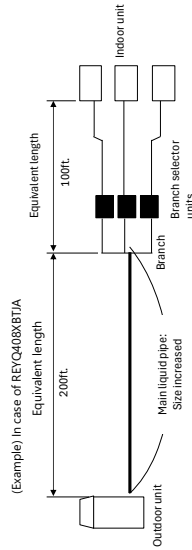
Diameter of pipe (Standard size)	
Model	Liquid pipe
REYQ408XBTJA	9/8"
REYQ408XBYDA	
REYQ408XBYCA	

2. Rate of change of heating capacity

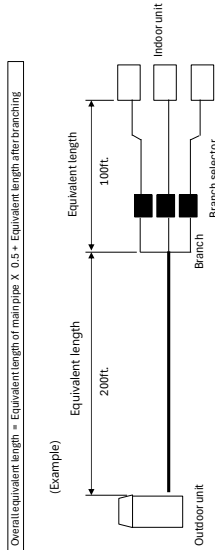
Vertical pipe length (ft.)	Equivalent Length (ft.)													
	25	66	98	131	164	197	230	262	295	328	361	394	427	460
Indoor Lower than Outdoor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Indoor	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93
Outdoor	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93
Indoor Higher than Outdoor	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93
Indoor	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93
Outdoor	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93
Indoor Lower than Outdoor	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93
Indoor	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93
Outdoor	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93
Indoor Higher than Outdoor	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93
Indoor	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93
Outdoor	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93
Indoor Lower than Outdoor	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93
Indoor	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93
Outdoor	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93
Indoor Higher than Outdoor	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93
Indoor	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93
Outdoor	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93

5. When the diameter of the main liquid pipe is increased, rate of change of heating capacity should be calculated with the overall equivalent length shown in below.
 Overall equivalent length = Equivalent length of main pipe X Correction factor + Equivalent length after branching

Model	Correction factor
REYQ408XBTJA	0.4
REYQ408XBYDA	
REYQ408XBYCA	



(Example) In case of REYQ408XBTJA
 Overall equivalent length = 200ft. X 0.4 + 100 ft. = 180 ft.
 Thus rate of change of heating capacity when "Vertical pipe length" = 0ft. is approximately 1.00.
 6. When the system does not include cooling only indoor unit rate of change of cooling capacity should be calculated with the overall equivalent length shown in below.



(Example)
 Overall equivalent length = 200ft. X 0.5 + 100 ft. = 200 ft.
 Thus rate of change of cooling capacity when "Vertical pipe length" = 0ft. is approximately 0.98.

(Notes)
 1. Above figures indicate the rate of change of capacity when a standard system (indoor units connection ratio is 100%) is operated at maximum load (with the thermostat set to maximum) under standard conditions.

Under partial load conditions, capacity change becomes smaller than them.

2. With this outdoor unit, evaporating pressure constant control when cooling and condensing pressure constant control when heating are carried out.

3. Method of calculating A/C (cooling/heating) capacity :
 The maximum A/C capacity of the system is the smaller of the total A/C capacity of the indoor units obtained from capacity characteristic table or the maximum A/C capacity of outdoor units calculated in below.

• When indoor units connection ratio does not exceed 100% :

$$\left[\begin{matrix} \text{Maximum A/C capacity of outdoor units} \\ \times \\ \text{A/C capacity of outdoor units obtained from capacity characteristic table at 100\% indoor units connection ratio} \\ \times \\ \text{Rate of change of capacity due to piping length to the farthest indoor unit} \end{matrix} \right]$$

• When indoor units connection ratio exceeds 100% :

$$\left[\begin{matrix} \text{Maximum A/C capacity of outdoor units} \\ \times \\ \text{A/C capacity of outdoor units obtained from capacity characteristic table at that indoor units connection ratio} \\ \times \\ \text{Rate of change of capacity due to piping length to the farthest indoor unit} \end{matrix} \right]$$

4. When overall equivalent pipe length is 295.3ft. or more, the diameter of the main liquid pipes (outdoor unit - branch sections) must be increased to below size

Model	Liquid pipe
REYQ408XBTJA	9/8"
REYQ408XBYDA	
REYQ408XBYCA	

REYQ456XBTJA / XBYDA

1. Rate of change of cooling capacity

Vertical pipe length (ft.)	Equivalent Length (ft.)															
	25	66	98	131	164	197	230	262	295	328	361	394	427	460		
Indoor Lower than Outdoor	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Indoor Higher than Outdoor	0.99	0.97	0.95	0.93	0.92	0.90	0.89	0.88	0.87	0.86	0.85	0.84	0.83	0.82		
Indoor Lower than Outdoor	0.99	0.97	0.95	0.93	0.92	0.90	0.89	0.88	0.87	0.86	0.85	0.84	0.83	0.82		
Indoor Higher than Outdoor	0.99	0.97	0.95	0.93	0.92	0.90	0.89	0.88	0.87	0.86	0.85	0.84	0.83	0.82		
Indoor Lower than Outdoor	0.99	0.97	0.95	0.93	0.92	0.90	0.89	0.88	0.87	0.86	0.85	0.84	0.83	0.82		
Indoor Higher than Outdoor	0.99	0.97	0.95	0.93	0.92	0.90	0.89	0.88	0.87	0.86	0.85	0.84	0.83	0.82		
Indoor Lower than Outdoor	0.99	0.97	0.95	0.93	0.92	0.90	0.89	0.88	0.87	0.86	0.85	0.84	0.83	0.82		
Indoor Higher than Outdoor	0.99	0.97	0.95	0.93	0.92	0.90	0.89	0.88	0.87	0.86	0.85	0.84	0.83	0.82		
Indoor Lower than Outdoor	0.99	0.97	0.95	0.93	0.92	0.90	0.89	0.88	0.87	0.86	0.85	0.84	0.83	0.82		
Indoor Higher than Outdoor	0.99	0.97	0.95	0.93	0.92	0.90	0.89	0.88	0.87	0.86	0.85	0.84	0.83	0.82		

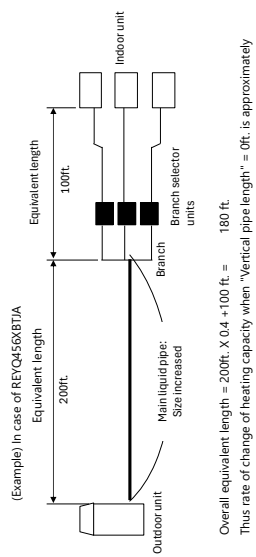
Diameter of pipe (Standard size)	
Model	Liquid pipe
REYQ456XBTJA	9/8
REYQ456XBYDA	9/8

2. Rate of change of heating capacity

Vertical pipe length (ft.)	Equivalent Length (ft.)															
	25	66	98	131	164	197	230	262	295	328	361	394	427	460		
Indoor Lower than Outdoor	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Indoor Higher than Outdoor	0.98	0.96	0.94	0.93	0.91	0.90	0.89	0.88	0.87	0.86	0.85	0.84	0.83	0.82		
Indoor Lower than Outdoor	0.98	0.96	0.94	0.93	0.91	0.90	0.89	0.88	0.87	0.86	0.85	0.84	0.83	0.82		
Indoor Higher than Outdoor	0.98	0.96	0.94	0.93	0.91	0.90	0.89	0.88	0.87	0.86	0.85	0.84	0.83	0.82		
Indoor Lower than Outdoor	0.98	0.96	0.94	0.93	0.91	0.90	0.89	0.88	0.87	0.86	0.85	0.84	0.83	0.82		
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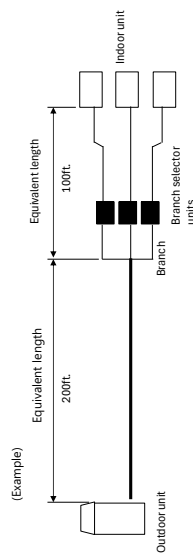
5. When the diameter of the main liquid pipe is increased, rate of change of heating capacity should be calculated with the overall equivalent length shown in below.
 Overall equivalent length = Equivalent length of main pipe X Correction factor + Equivalent length after branching

Model	Correction factor
REYQ456XBTJA	0.4
REYQ456XBYDA	0.4



Overall equivalent length = 200ft. X 0.4 + 100 ft. = 180 ft.
 Thus rate of change of heating capacity when "Vertical pipe length" = 0ft. is approximately 1.00.
 When the system does not include cooling only indoor unit rate of change of cooling capacity should be calculated with the overall equivalent length shown in below.

Overall equivalent length = Equivalent length of main pipe X 0.5 + Equivalent length after branching



Overall equivalent length = 200ft. X 0.5 + 100 ft. = 200 ft.
 Thus rate of change of cooling capacity when "Vertical pipe length" = 0ft. is approximately 0.94.

(Notes)
 1. Above figures indicate the rate of change of capacity when a standard system (indoor units connection ratio is 100%) is operated at maximum load (with the thermostat set to maximum) under standard conditions.
 Under partial load conditions, capacity change becomes smaller than them.

2. With this outdoor unit, evaporating pressure constant control when cooling and condensing pressure constant control when heating are carried out.

3. Method of calculating A/C (cooling/heating) capacity :
 The maximum A/C capacity of the system is the smaller of the total A/C capacity of the indoor units obtained from capacity characteristic table or the maximum A/C capacity of outdoor units calculated in below.

• When indoor units connection ratio does not exceed 100% :

$$\left[\frac{\text{Maximum A/C capacity of outdoor units}}{\text{Rate of change of capacity due to piping length to the farthest indoor unit}} \right] \times \left[\frac{\text{A/C capacity of outdoor units obtained from capacity characteristic table at 100\% indoor units connection ratio}}{\text{Rate of change of capacity due to piping length to the farthest indoor unit}} \right]$$

• When indoor units connection ratio exceeds 100% :

$$\left[\frac{\text{Maximum A/C capacity of outdoor units}}{\text{Rate of change of capacity due to piping length to the farthest indoor unit}} \right] \times \left[\frac{\text{A/C capacity of outdoor units obtained from capacity characteristic table at that indoor units connection ratio}}{\text{Rate of change of capacity due to piping length to the farthest indoor unit}} \right]$$

4. When overall equivalent pipe length is 295.3ft. or more, the diameter of the main liquid pipes (outdoor unit - branch sections) must be increased to below size

Model	Liquid pipe
REYQ456XBTJA	9/8
REYQ456XBYDA	9/8

1.6 Notes for Heating Capacity Characteristics (Heat Recovery)

REYQ72 - 456XBTJA / XBYDA REYQ72 - 432XBYCA

■ The capacity tables do not account for the reduction in capacity during frost accumulation or operation in defrost mode. Heating capacity which takes the above mentioned factors into consideration can be calculated as follows:

Formula

Heating capacity = A × B × C

A = Capacity value given in the capacity tables

B = Correction factor for frost accumulation

C = Correction factor for connection ratio

■ Correction factor for frost accumulation (B)

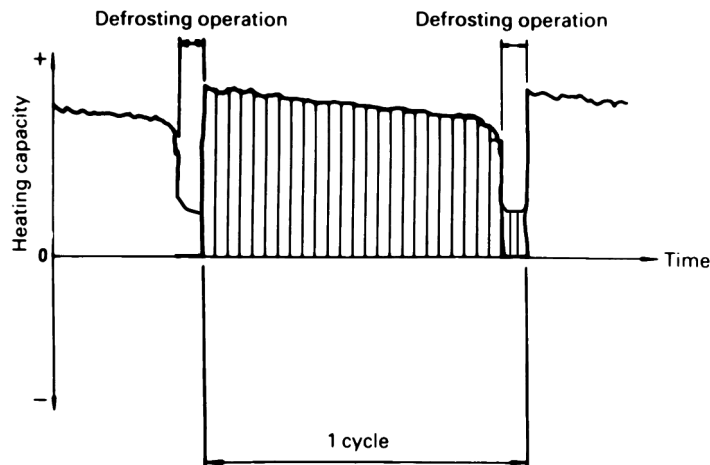
Inlet air temperature to the outdoor unit heat exchanger (°FDB/RH85%)		19.5	23.0	26.5	32.0	37.5	41.0	44.5
Correction factor for frost accumulation	REYQ72-144XBTJA / XBYDA / XBYCA	0.97	0.95	0.9	0.86	0.87	0.92	1.0
	REYQ168XBTJA / XBYDA / XBYCA	0.96	0.94	0.89	0.85	0.86	0.91	1.0
	REYQ192-312XBTJA / XBYDA / XBYCA	0.99	0.97	0.92	0.88	0.89	0.94	1.0
	REYQ336XBTJA / XBYDA / XBYCA	0.96	0.94	0.89	0.85	0.86	0.91	1.0
	REYQ360-456XBTJA / XBYDA REYQ360-432 XBYCA	0.98	0.96	0.91	0.87	0.88	0.93	1.0

■ Correction factor for connection ratio (C)

Connection ratio	≤130%	≤140%	≤150%	≤160%	≤170%	≤180%	≤190%	≤200%
Correction factor for connection ratio	1.0	0.99	0.98	0.97	0.95	0.94	0.93	0.92

Note:

Correction factor for frost accumulation calculated from integrated heating capacity while 1 cycle (between 2 defrosting operations) as shown in figure below.



■ Accumulation of frost and / or snow on the outdoor unit heat exchanger leads to a temporary reduction in capacity. The degree of capacity reduction depends on factors such as outdoor temperature (DB), relative humidity (RH), amount of frost, etc.

MEMO

Warning



- Ask a qualified installer or contractor to install this product. Do not try to install the product yourself. Improper installation can result in water or refrigerant leakage, electrical shock, fire or explosion.
- Use only those parts and accessories supplied or specified by Daikin. Ask a qualified installer or contractor to install those parts and accessories. Use of unauthorised parts and accessories or improper installation of parts and accessories can result in water or refrigerant leakage, electrical shock, fire or explosion.
- Read the user's manual carefully before using this product. The user's manual provides important safety instructions and warnings. Be sure to follow these instructions and warnings.

If you have any inquiries, please contact your local importer, distributor and/or retailer.

Cautions on product corrosion

1. Air conditioners should not be installed in areas where corrosive gases, such as acid gas or alkaline gas, are produced.
2. If the outdoor unit is to be installed close to the sea shore, direct exposure to the sea breeze should be avoided. If you need to install the outdoor unit close to the sea shore, contact your local distributor.