

Engineering Data

Capacity Table

RXSQ-TBVJUA

Heat Pump, 1 phase, 208 / 230 V, 60 Hz

R-410A



VRV



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1. Capacity Tables (Reference Data)

1.1 Cooling Capacity for Standard Condition (Te: 43°F (6°C))

1.1.1 Fahrenheit

RXSQ24TBVJUA Cooling Capacity for Standard Condition (Te: 43°F)

Connection ratio	Outdoor air temp.	Indoor air temp. (°FWB)													
		57		61		64		67		70		75			
		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
130	23	22.3	0.90	25.9	1.06	28.5	1.19	31.2	1.32	33.9	1.45	35.4	1.52	35.9	1.48
	30	22.3	0.93	25.9	1.10	28.5	1.23	31.2	1.37	33.9	1.50	34.6	1.50	35.1	1.47
	40	22.3	0.97	25.9	1.15	28.5	1.29	31.2	1.43	33.1	1.51	33.4	1.48	34.0	1.44
	50	22.3	1.02	25.9	1.21	28.5	1.36	31.2	1.51	32.0	1.49	32.3	1.46	32.8	1.42
	54	22.3	1.04	25.9	1.24	28.5	1.39	31.0	1.52	31.5	1.48	31.9	1.45	32.4	1.41
	58	22.3	1.07	25.9	1.26	28.5	1.42	30.5	1.51	31.1	1.47	31.4	1.48	31.9	1.49
	62	22.3	1.09	25.9	1.29	28.5	1.45	30.1	1.55	30.6	1.56	31.0	1.57	31.5	1.58
	66	22.3	1.11	25.9	1.35	28.5	1.57	29.6	1.64	30.2	1.65	30.5	1.66	31.0	1.67
	70	22.3	1.18	25.9	1.46	28.5	1.70	29.2	1.73	29.7	1.74	30.1	1.74	30.6	1.76
	72	22.3	1.22	25.9	1.52	28.4	1.76	29.0	1.77	29.5	1.78	29.9	1.79	30.4	1.80
	75	22.3	1.30	25.9	1.61	28.1	1.82	28.6	1.83	29.2	1.85	29.5	1.85	30.0	1.87
	79	22.3	1.40	25.9	1.74	27.7	1.91	28.2	1.92	28.7	1.94	29.1	1.94	29.6	1.96
	83	22.3	1.50	25.9	1.87	27.2	2.00	27.7	2.01	28.3	2.02	28.6	2.03	29.1	2.05
87	22.3	1.61	25.9	2.02	26.8	2.08	27.3	2.10	27.8	2.11	28.2	2.12	28.7	2.14	
91	22.3	1.73	25.8	2.16	26.3	2.17	26.8	2.19	27.4	2.20	27.7	2.21	28.2	2.23	
93	22.3	1.80	25.6	2.20	26.1	2.12	26.6	2.23	27.1	2.25	27.5	2.26	28.0	2.28	
95	22.3	1.86	25.3	2.24	25.9	2.26	26.4	2.28	26.9	2.29	27.3	2.31	27.6	2.32	
99	22.3	2.00	24.9	2.33	25.4	2.35	25.9	2.37	26.5	2.39	26.5	2.39	26.5	2.39	
103	22.3	2.14	24.2	2.40	24.2	2.40	24.5	2.46	25.5	2.46	25.5	2.46	25.5	2.46	
106	22.3	2.26	24.1	2.49	24.6	2.51	24.7	2.51	24.7	2.51	24.7	2.51	24.7	2.51	
110	22.3	2.43	23.6	2.58	23.6	2.58	23.6	2.58	23.6	2.58	23.6	2.58	23.6	2.58	
115	21.5	2.46	21.6	2.46	21.6	2.46	21.6	2.46	21.6	2.46	21.6	2.46	21.6	2.47	
118	19.2	2.09	19.2	2.10	19.2	2.10	19.3	2.10	19.3	2.11	19.4	2.11	19.4	2.11	
122	16.0	1.61	1.61	1.61	1.61	1.62	1.61	1.62	1.62	1.62	1.62	1.62	1.62	1.63	
120	23	20.6	0.82	23.9	0.97	26.3	1.09	28.8	1.20	31.3	1.33	32.9	1.41	35.3	1.52
	30	20.6	0.85	23.9	1.00	26.3	1.12	28.8	1.24	31.3	1.37	32.9	1.45	34.5	1.51
	40	20.6	0.89	23.9	1.05	26.3	1.18	28.8	1.31	31.3	1.44	32.9	1.52	33.4	1.49
	50	20.6	0.93	23.9	1.11	26.3	1.24	28.8	1.37	31.3	1.51	31.8	1.50	33.2	1.46
	54	20.6	0.95	23.9	1.13	26.3	1.26	28.8	1.40	31.0	1.52	31.3	1.49	31.8	1.45
	58	20.6	0.98	23.9	1.15	26.3	1.28	28.8	1.43	30.6	1.51	30.8	1.48	31.4	1.48
	62	20.6	0.99	23.9	1.17	26.1	1.32	28.8	1.47	30.1	1.50	30.5	1.48	31.0	1.47
	66	20.6	1.01	23.9	1.20	26.3	1.39	28.8	1.59	29.7	1.64	30.0	1.65	30.5	1.65
	70	20.6	1.05	23.9	1.30	26.3	1.50	28.7	1.72	29.2	1.73	29.5	1.73	30.0	1.74
	72	20.6	1.09	23.9	1.35	26.3	1.56	28.5	1.76	29.0	1.77	29.3	1.78	29.8	1.79
	75	20.6	1.16	23.9	1.43	26.3	1.66	28.2	1.82	28.6	1.83	29.0	1.84	29.5	1.85
	79	20.6	1.24	23.9	1.54	26.3	1.79	27.7	1.91	28.2	1.92	28.5	1.93	29.0	1.94
	83	20.6	1.34	23.9	1.66	26.3	1.93	27.3	2.00	27.7	2.01	28.1	2.02	28.6	2.03
87	20.6	1.44	23.9	1.79	26.3	2.07	26.8	2.09	27.3	2.10	27.6	2.11	28.1	2.12	
91	20.6	1.54	23.9	1.92	25.9	2.16	26.4	2.17	26.8	2.19	27.2	2.20	27.6	2.21	
93	20.6	1.60	23.9	1.99	25.6	2.20	26.1	2.22	26.6	2.23	26.9	2.24	27.4	2.26	
95	20.6	1.65	23.9	2.06	25.4	2.25	25.9	2.26	26.4	2.28	26.7	2.29	27.2	2.30	
99	20.6	1.77	23.9	2.21	25.0	2.34	25.5	2.35	25.9	2.37	26.3	2.38	26.5	2.39	
103	20.6	1.90	23.9	2.38	24.5	2.42	25.0	2.44	25.5	2.46	25.5	2.46	25.5	2.46	
106	20.6	2.00	23.7	2.47	24.2	2.49	24.7	2.51	24.7	2.51	24.7	2.51	24.7	2.51	
110	20.6	2.15	23.2	2.57	23.6	2.58	23.6	2.58	23.6	2.58	23.6	2.58	23.6	2.58	
115	20.6	2.40	21.6	2.46	21.6	2.46	21.6	2.46	21.6	2.46	21.6	2.46	21.6	2.47	
118	19.2	2.09	19.2	2.10	19.2	2.10	19.3	2.10	19.3	2.11	19.4	2.11	19.4	2.11	
122	16.0	1.61	1.61	1.61	1.61	1.62	1.61	1.62	1.62	1.62	1.62	1.62	1.62	1.63	
110	23	18.9	0.75	21.9	0.88	24.1	0.98	26.4	1.09	28.7	1.20	30.2	1.27	32.4	1.38
	30	18.9	0.77	21.9	0.91	24.1	1.02	26.4	1.13	28.7	1.24	30.2	1.31	32.4	1.43
	40	18.9	0.81	21.9	0.95	24.1	1.07	26.4	1.18	28.7	1.30	30.2	1.38	32.4	1.50
	50	18.9	0.85	21.9	1.00	24.1	1.12	26.4	1.24	28.7	1.37	30.2	1.45	31.7	1.51
	54	18.9	0.87	21.9	1.02	24.1	1.14	26.4	1.26	28.7	1.40	30.2	1.48	31.7	1.51
	58	18.9	0.88	21.9	1.04	24.1	1.17	26.4	1.30	28.7	1.42	30.2	1.51	30.8	1.49
	62	18.9	0.90	21.9	1.06	24.1	1.19	26.4	1.32	28.7	1.46	29.5	1.55	30.3	1.56
	66	18.9	0.92	21.9	1.09	24.1	1.22	26.4	1.40	28.7	1.58	29.4	1.63	29.9	1.64
	70	18.9	0.94	21.9	1.15	24.1	1.32	26.4	1.51	28.7	1.71	29.0	1.72	29.4	1.73
	72	18.9	0.97	21.9	1.19	24.1	1.37	26.4	1.57	28.5	1.76	28.8	1.76	29.2	1.77
	75	18.9	1.02	21.9	1.26	24.1	1.46	26.4	1.66	28.1	1.82	28.4	1.83	28.9	1.84
	79	18.9	1.10	21.9	1.36	24.1	1.57	26.4	1.80	27.7	1.91	28.0	1.92	28.4	1.93
	83	18.9	1.19	21.9	1.46	24.1	1.67	26.4	1.91	27.1	2.01	27.5	2.02	27.9	2.03
87	18.9	1.27	21.9	1.57	24.1	1.82	26.3	2.07	26.8	2.09	27.1	2.09	27.5	2.11	
91	18.9	1.36	21.9	1.69	24.1	1.95	25.9	2.16	26.3	2.17	26.6	2.18	27.1	2.20	
93	18.9	1.41	21.9	1.75	24.1	2.02	25.7	2.20	26.1	2.22	26.4	2.23	26.8	2.24	
95	18.9	1.46	21.9	1.81	24.1	2.10	25.4	2.25	25.9	2.26	26.2	2.27	26.6	2.29	
99	18.9	1.56	21.9	1.94	24.1	2.25	25.0	2.34	25.5	2.35	26.1	2.36	26.2	2.38	
103	18.9	1.68	21.9	2.08	24.1	2.41	24.5	2.42	25.0	2.44	25.3	2.45	25.5	2.48	
106	18.9	1.76	21.9	2.19	24.1	2.48	24.2	2.46	24.6	2.47	25.1	2.47	25.1	2.49	
110	18.9	1.89	21.9	2.36	23.3	2.57	23.6	2.58	23.6	2.58	23.6	2.58	23.6	2.58	
115	18.9	2.11	21.6	2.46	21.6	2.46	21.6	2.46	21.6	2.46	21.6	2.46	21.6	2.47	
118	18.9	2.24	19.2	2.10	19.2	2.10	19.3	2.10	19.3	2.11	19.4	2.11	19.4	2.11	
122	16.0	1.61	1.61	1.61	1.61	1.62	1.61	1.62	1.62	1.62	1.62	1.62	1.62	1.63	
100	23	17.1	0.68	19.9	0.79	21.9	0.88	24.0	0.98	26.1	1.07	27.4	1.14	29.5	1.24
	30	17.1	0.70	19.9	0.82	21.9	0.91	24.0	1.01	26.1	1.11	27.4	1.18	29.5	1.28
	40	17.1	0.73	19.9	0.86	21.9	0.96	24.0	1.06	26.1	1.16	27.4	1.23	29.5	1.34
	50	17.1	0.76</												

RXSQ36TBVJUA Cooling Capacity for Standard Condition (Te: 43°F)

Table with columns for Connection ratio, Outdoor air temp., Indoor air temp. (°FWB) for 57, 61, 64, 67, 70, 72, 75. Rows include FDB, 130, 120, 110, 100 series.

Table with columns for Connection ratio, Outdoor air temp., Indoor air temp. (°FWB) for 57, 61, 64, 67, 70, 72, 75. Rows include 80, 70, 60, 50 series.

TC: Total capacity; MBH
PI: Power input; kW (Compressor+Outdoor fan motor)
Note: 1. is shown as reference.
2. This table shows the performance of the outdoor unit only, not the entire system.
3. Actual system performance may vary based on other factors such as indoor unit power consumption, piping losses, etc.

RXSQ48TBVJUA Cooling Capacity for Standard Condition (Te: 43°F)

Table with columns: Connection ratio, Outdoor air temp., Indoor air temp. (°FWB) (57, 61, 64, 67, 70, 72, 75), and Capacity (MBH, kW). Rows are grouped by outdoor air temperature (130, 120, 110, 100) and connection ratio (FDB, 23, 30, 40, 50, 54, 58, 62, 66, 70, 72, 75, 79, 83, 87, 91, 95, 99, 103, 106, 110, 115, 118, 122).

Table with columns: Connection ratio, Outdoor air temp., Indoor air temp. (°FWB) (57, 61, 64, 67, 70, 72, 75), and Capacity (MBH, kW). Rows are grouped by outdoor air temperature (80, 70, 60, 50) and connection ratio (FDB, 23, 30, 40, 50, 54, 58, 62, 66, 70, 72, 75, 79, 83, 87, 91, 95, 99, 103, 106, 110, 115, 118, 122).

- TC: Total capacity; MBH
Pl: Power input; kW (Compressor+Outdoor fan motor)
Note: 1. is shown as reference.
2. This table shows the performance of the outdoor unit only, not the entire system.
3. Actual system performance may vary based on other factors such as indoor unit power consumption, piping losses, etc.

RXSQ60TBVJUA Cooling Capacity for Standard Condition (Te: 43°F)

Table with columns: Connection ratio, Outdoor air temp., Indoor air temp. (°FWB) for 57, 61, 64, 67, 70, 72, 75. Rows include connection ratios from 23 to 122 and indoor air temperatures from 23 to 122.

Table with columns: Connection ratio, Outdoor air temp., Indoor air temp. (°FWB) for 57, 61, 64, 67, 70, 72, 75. Rows include connection ratios from 23 to 122 and indoor air temperatures from 23 to 122.

TC: Total capacity, MBH
PI: Power input, kW (Compressor+Outdoor fan motor)
Note: 1. ■ is shown as reference.
2. This table shows the performance of the outdoor unit only, not the entire system.
3. Actual system performance may vary based on other factors such as indoor unit power consumption, piping losses, etc.

1.1.2 Celsius
RXSQ24TBVJUA Cooling Capacity for Standard Condition (Te: 6°C)

Table with columns: Connection ratio, Outdoor air temp., Indoor air temp. (°CWB) for 13.9, 16.1, 17.8, 19.4, 21.1, 22.2, 23.9. Rows include % CDB, °CDB, and °CWB values for various connection ratios and indoor temperatures.

Table with columns: Connection ratio, Outdoor air temp., Indoor air temp. (°CWB) for 13.9, 16.1, 17.8, 19.4, 21.1, 22.2, 23.9. Rows include % CDB, °CDB, and °CWB values for various connection ratios and indoor temperatures.

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)
Note: 1. is shown as reference.
2. This table shows the performance of the outdoor unit only, not the entire system.
3. Actual system performance may vary based on other factors such as indoor unit power consumption, piping losses, etc.

RXSQ36TBVJUA Cooling Capacity for Standard Condition (Te: 6°C)

Table with columns for Connection ratio, Outdoor air temp., Indoor air temp. (°CWB) for 13.9, 16.1, 17.8, 19.4, 21.1, 22.2, 23.9. Rows include connection ratios from 130 to 500 and outdoor air temperatures from -5.0 to 50.0.

Table with columns for Connection ratio, Outdoor air temp., Indoor air temp. (°CWB) for 13.9, 16.1, 17.8, 19.4, 21.1, 22.2, 23.9. Rows include connection ratios from 80 to 500 and outdoor air temperatures from -5.0 to 50.0.

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)
Note: 1. ■ is shown as reference.
2. This table shows the performance of the outdoor unit only, not the entire system.
3. Actual system performance may vary based on other factors such as indoor unit power consumption, piping losses, etc.

RXSQ48TBVJUA Cooling Capacity for Standard Condition (Te: 6°C)

Table with columns for Connection ratio, Outdoor air temp., Indoor air temp. (°CWB) for 13.9, 16.1, 17.8, 19.4, 21.1, 22.2, 23.9. Rows include % CDB, kW, and kVA values for various conditions.

Table with columns for Connection ratio, Outdoor air temp., Indoor air temp. (°CWB) for 13.9, 16.1, 17.8, 19.4, 21.1, 22.2, 23.9. Rows include % CDB, kW, and kVA values for various conditions.

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)
Note: 1. ■ is shown as reference.
2. This table shows the performance of the outdoor unit only, not the entire system.
3. Actual system performance may vary based on other factors such as indoor unit power consumption, piping losses, etc.

RXSQ60TBVJUA Cooling Capacity for Standard Condition (Te: 6°C)

Table with columns for Connection ratio, Outdoor air temp., Indoor air temp. (°CWB) for 13.9, 16.1, 17.8, 19.4, 21.1, 22.2, 23.9. Rows include capacity values for various conditions and percentages.

Table with columns for Connection ratio, Outdoor air temp., Indoor air temp. (°CWB) for 13.9, 16.1, 17.8, 19.4, 21.1, 22.2, 23.9. Rows include capacity values for various conditions and percentages.

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)
Note: 1. ■ is shown as reference.
2. This table shows the performance of the outdoor unit only, not the entire system.
3. Actual system performance may vary based on other factors such as indoor unit power consumption, piping losses, etc.

1.2 Heating Capacity for Standard Condition (Tc: 115°F (46°C))

1.2.1 Fahrenheit

RXSQ24TBVJUA Heating Capacity for Standard Condition (Tc: 115°F)

Connection ratio	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	-3.64	-4.0	23.9	3.81	23.9	3.81	23.8	3.81	23.8	3.81	23.7	3.81	23.7	3.81	23.7	3.81
	-1.84	-2.2	24.8	3.81	24.7	3.81	24.6	3.81	24.6	3.81	24.5	3.81	24.5	3.81	24.5	3.81
	5.5	5.0	27.6	3.82	27.6	3.82	27.5	3.82	27.5	3.82	27.4	3.82	27.3	3.82	27.3	3.82
	9.5	8.5	29.1	3.82	29.0	3.82	28.9	3.82	28.9	3.82	28.8	3.82	28.8	3.82	28.8	3.82
	13.0	12.0	30.5	3.82	30.4	3.82	30.3	3.82	30.3	3.82	30.2	3.82	30.2	3.82	30.2	3.82
	15.0	14.0	31.3	3.82	31.2	3.82	31.1	3.82	31.1	3.82	31.0	3.82	31.0	3.82	31.0	3.82
	17.0	15.5	31.9	3.83	31.8	3.83	31.7	3.83	31.7	3.83	31.6	3.83	31.6	3.83	31.6	3.83
	19.0	18.0	32.9	3.83	32.8	3.83	32.7	3.83	32.7	3.83	32.6	3.83	32.6	3.83	32.6	3.83
	22.0	20.0	33.7	3.83	33.6	3.83	33.5	3.83	33.5	3.83	33.4	3.83	33.4	3.83	33.4	3.83
	26.0	24.0	35.3	3.83	35.2	3.83	35.1	3.83	35.1	3.83	35.0	3.83	35.0	3.83	35.0	3.83
	30.0	28.0	36.9	3.84	36.8	3.84	36.7	3.84	36.7	3.84	36.6	3.84	36.6	3.84	36.6	3.84
	35.0	32.0	38.5	3.84	38.4	3.84	38.3	3.84	38.3	3.84	38.2	3.84	38.2	3.84	38.2	3.84
	39.0	36.0	40.1	3.84	39.9	3.84	39.7	3.84	39.7	3.84	39.6	3.84	39.6	3.84	39.6	3.84
44.0	40.0	41.7	3.85	39.9	3.85	39.7	3.85	39.7	3.85	39.6	3.85	39.6	3.85	39.6	3.85	
47.0	43.0	42.2	3.75	39.0	3.75	38.9	3.75	38.9	3.75	38.8	3.75	38.8	3.75	38.8	3.75	
51.0	47.0	42.2	3.57	39.0	3.57	38.9	3.57	38.9	3.57	38.8	3.57	38.8	3.57	38.8	3.57	
54.0	50.0	42.2	3.45	39.0	3.45	38.9	3.45	38.9	3.45	38.8	3.45	38.8	3.45	38.8	3.45	
57.0	53.0	42.2	3.33	39.0	3.33	38.9	3.33	38.9	3.33	38.8	3.33	38.8	3.33	38.8	3.33	
60.0	56.0	42.2	3.22	39.0	3.22	38.9	3.22	38.9	3.22	38.8	3.22	38.8	3.22	38.8	3.22	

Connection ratio	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
80	-3.64	-4.0	23.6	3.81	23.5	3.81	22.6	3.61	21.6	3.40	20.6	3.21	19.2	2.92	18.2	2.81
	-1.84	-2.2	24.3	3.81	24.0	3.76	22.6	3.46	21.6	3.27	20.6	3.08	19.2	2.81	18.2	2.70
	5.5	5.0	25.9	3.58	24.0	3.23	22.6	2.98	21.6	2.82	20.6	2.67	19.2	2.44	18.2	2.33
	9.5	8.5	25.9	3.34	24.0	3.03	22.6	2.80	21.6	2.65	20.6	2.50	19.2	2.29	18.2	2.19
	13.0	12.0	25.9	3.14	24.0	2.85	22.6	2.63	21.6	2.49	20.6	2.36	19.2	2.16	18.2	2.00
	15.0	14.0	25.9	3.03	24.0	2.75	22.6	2.55	21.6	2.41	20.6	2.28	19.2	2.09	18.2	1.97
	17.0	15.5	25.9	2.96	24.0	2.68	22.6	2.48	21.6	2.36	20.6	2.23	19.2	2.04	18.2	1.91
	19.0	18.0	25.9	2.84	24.0	2.58	22.6	2.39	21.6	2.27	20.6	2.14	19.2	1.97	18.2	1.91
	22.0	20.0	25.9	2.75	24.0	2.50	22.6	2.32	21.6	2.20	20.6	2.08	19.2	1.91	18.2	1.81
	26.0	24.0	25.9	2.60	24.0	2.36	22.6	2.19	21.6	2.08	20.6	1.97	19.2	1.81	18.2	1.72
	30.0	28.0	25.9	2.45	24.0	2.23	22.6	2.07	21.6	1.97	20.6	1.87	19.2	1.72	18.2	1.56
	35.0	32.0	25.9	2.33	24.0	2.12	22.6	1.97	21.6	1.87	20.6	1.78	19.2	1.64	18.2	1.49
	39.0	36.0	25.9	2.21	24.0	2.02	22.6	1.88	21.6	1.78	20.6	1.69	19.2	1.56	18.2	1.45
44.0	40.0	25.9	2.11	24.0	1.93	22.6	1.79	21.6	1.71	20.6	1.62	19.2	1.49	18.2	1.45	
47.0	43.0	25.9	2.04	24.0	1.86	22.6	1.73	21.6	1.65	20.6	1.57	19.2	1.45	18.2	1.45	
51.0	47.0	25.9	1.95	24.0	1.79	22.6	1.66	21.6	1.58	20.6	1.51	19.2	1.39	18.2	1.39	
54.0	50.0	25.9	1.89	24.0	1.73	22.6	1.61	21.6	1.54	20.6	1.46	19.2	1.35	18.2	1.35	
57.0	53.0	25.9	1.84	24.0	1.68	22.6	1.57	21.6	1.49	20.6	1.42	19.2	1.31	18.2	1.31	
60.0	56.0	25.9	1.78	24.0	1.63	22.6	1.52	21.6	1.45	20.6	1.38	19.2	1.28	18.2	1.28	

TC: Total capacity; MBH
PI: Power input; KW (Compressor+Outdoor fan motor)
Note: 1. [] is shown as reference.
2. This table shows the performance of the outdoor unit only, not the entire system.
3. Actual system performance may vary based on other factors such as indoor unit power consumption, piping losses, etc.

RXSQ36TBVJUA Heating Capacity for Standard Condition (Tc: 115°F)

Table with columns for Connection ratio, Outdoor air temp., Indoor air temp. (°FDB) with sub-columns for 61, 65, 68, 70, 72, 75. Each sub-column has TC and PI. Rows include connection ratios of 130, 120, 110, 100, and 90, with various temperature points and capacity values.

Table with columns for Connection ratio, Outdoor air temp., Indoor air temp. (°FDB) with sub-columns for 61, 65, 68, 70, 72, 75. Each sub-column has TC and PI. Rows include connection ratios of 80, 70, 60, and 50, with various temperature points and capacity values.

TC: Total capacity; MBH
PI: Power input; KW (Compressor+Outdoor fan motor)
Note: 1. [] is shown as reference.
2. This table shows the performance of the outdoor unit only, not the entire system.
3. Actual system performance may vary based on other factors such as indoor unit power consumption, piping losses, etc.

RXSQ48TBVJUA Heating Capacity for Standard Condition (Tc: 115°F)

Table with columns for Connection ratio, Outdoor air temp., Indoor air temp. (°FDB) with sub-columns for 61, 65, 68, 70, 72, 75. Rows include connection ratios (%, 130, 120, 110, 100, 90) and various temperature points.

Table with columns for Connection ratio, Outdoor air temp., Indoor air temp. (°FDB) with sub-columns for 61, 65, 68, 70, 72, 75. Rows include connection ratios (%, 80, 70, 60, 50) and various temperature points.

TC: Total capacity; MBH
PI: Power input; KW (Compressor+Outdoor fan motor)
Note: 1. is shown as reference.
2. This table shows the performance of the outdoor unit only, not the entire system.
3. Actual system performance may vary based on other factors such as indoor unit power consumption, piping losses, etc.

RXSQ60TBVJUA Heating Capacity for Standard Condition (Tc: 115°F)

Table with columns: Connection ratio, Outdoor air temp., Indoor air temp. (°FDB) for 61, 65, 68, 70, 72, 75. Rows include connection ratios like 130, 120, 110, 100, 90 and various temperature points.

Table with columns: Connection ratio, Outdoor air temp., Indoor air temp. (°FDB) for 61, 65, 68, 70, 72, 75. Rows include connection ratios like 80, 70, 60, 50 and various temperature points.

TC: Total capacity; MBH
PI: Power input; KW (Compressor+Outdoor fan motor)
Note: 1. is shown as reference.
2. This table shows the performance of the outdoor unit only, not the entire system.
3. Actual system performance may vary based on other factors such as indoor unit power consumption, piping losses, etc.

1.2.2 Celsius RXSQ24TBVJUA Heating Capacity for Standard Condition (Tc: 46°C)

Connection ratio	Outdoor air temp.		Indoor air temp. (°CDB)												Connection ratio	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	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW								
130	-19.8	-20.0	7.0	3.81	7.0	3.81	7.0	3.81	7.0	3.81	7.0	3.81	7.0	3.81	6.9	3.81	6.9	3.81	6.9	3.81	6.9	3.81	6.9	3.81	6.9	3.81	6.9	3.81	6.9	3.81					
	120	-19.8	-20.0	7.0	3.81	7.0	3.81	7.0	3.81	7.0	3.81	7.0	3.81	6.9	3.81	6.9	3.81	6.9	3.81	6.9	3.81	6.9	3.81	6.9	3.81	6.9	3.81	6.9	3.81	6.9	3.81				
		110	-19.8	-20.0	7.0	3.81	7.0	3.81	7.0	3.81	7.0	3.81	7.0	3.81	6.9	3.81	6.9	3.81	6.9	3.81	6.9	3.81	6.9	3.81	6.9	3.81	6.9	3.81	6.9	3.81	6.9	3.81			
			100	-19.8	-20.0	6.9	3.81	6.9	3.81	6.9	3.81	6.9	3.81	6.9	3.81	6.8	3.81	6.8	3.81	6.8	3.81	6.8	3.81	6.8	3.81	6.8	3.81	6.8	3.81	6.8	3.81	6.8	3.81		
				90	-19.8	-20.0	6.9	3.81	6.9	3.81	6.9	3.81	6.9	3.81	6.9	3.81	6.8	3.81	6.8	3.81	6.8	3.81	6.8	3.81	6.8	3.81	6.8	3.81	6.8	3.81	6.8	3.81	6.8	3.81	
					80	-19.8	-20.0	6.9	3.81	6.9	3.81	6.9	3.81	6.9	3.81	6.9	3.81	6.8	3.81	6.8	3.81	6.8	3.81	6.8	3.81	6.8	3.81	6.8	3.81	6.8	3.81	6.8	3.81	6.8	3.81

TC: Total capacity; kW
 PI: Power input; kW (Compressor+Outdoor fan motor)
 Note: 1. [Grey box] is shown as reference.
 2. This table shows the performance of the outdoor unit only, not the entire system.
 3. Actual system performance may vary based on other factors such as indoor unit power consumption, piping losses, etc.

RXSQ36TBVJUA Heating Capacity for Standard Condition (Tc: 46°C)

Table with columns for Connection ratio, Outdoor air temp, Indoor air temp (°CDB), and heating capacity values (kW, PI) for various conditions (16.1, 18.3, 20.0, 21.1, 22.2, 23.9).

Table with columns for Connection ratio, Outdoor air temp, Indoor air temp (°CDB), and heating capacity values (kW, PI) for various conditions (16.1, 18.3, 20.0, 21.1, 22.2, 23.9).

TC: Total capacity; kW
PI: Power input: kW (Compressor+Outdoor fan motor)
Note: 1. is shown as reference.
2. This table shows the performance of the outdoor unit only, not the entire system.
3. Actual system performance may vary based on other factors such as indoor unit power consumption, piping losses, etc.

RXSQ48TBVJUA Heating Capacity for Standard Condition (Tc: 46°C)

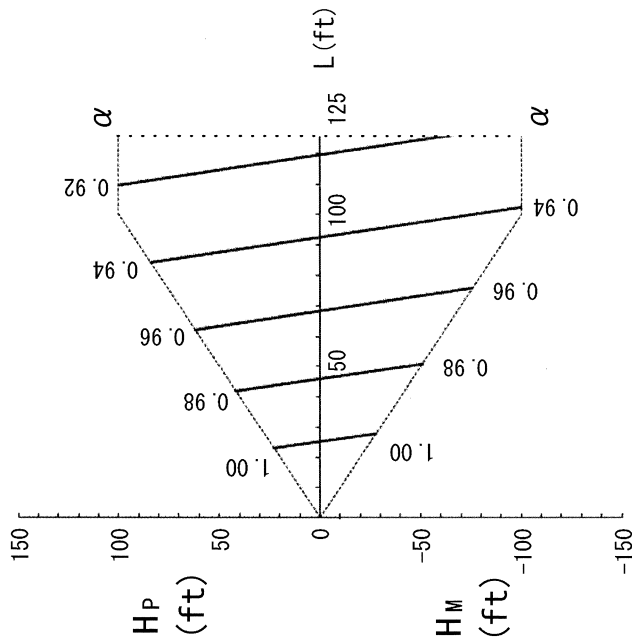
Connection ratio	Outdoor air temp.		Indoor air temp. (°CDB)												
			16.1		18.3		20.0		21.1		22.2		23.9		
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	
%	°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130	-19.8	-20.0	10.4	2.87	10.3	3.14	10.3	3.34	10.3	3.47	10.3	3.61	10.2	3.81	
	-18.8	-19.0	10.7	2.98	10.7	3.24	10.6	3.43	10.6	3.56	10.6	3.69	10.5	3.89	
	-14.7	-15.0	11.9	3.37	11.9	3.60	11.9	3.77	11.8	3.89	11.8	4.01	11.8	4.18	
	-12.5	-13.1	12.5	3.53	12.5	3.75	12.5	3.91	12.4	4.02	12.4	4.13	12.4	4.30	
	-10.6	-11.1	13.1	3.67	13.1	3.88	13.1	4.04	13.0	4.15	13.0	4.25	13.0	4.41	
	-9.4	-10.0	13.5	3.75	13.4	3.95	13.4	4.11	13.4	4.21	13.3	4.31	13.3	4.47	
	-8.3	-9.2	13.7	3.81	13.7	4.01	13.7	4.16	13.6	4.26	13.6	4.36	13.6	4.51	
	-7.2	-7.8	14.2	3.89	14.1	4.09	14.1	4.23	14.1	4.33	14.0	4.43	14.0	4.57	
	-5.6	-6.7	14.5	3.96	14.5	4.15	14.4	4.29	14.4	4.39	14.4	4.48	14.3	4.62	
	-3.3	-4.4	15.2	4.08	15.1	4.26	15.1	4.40	15.1	4.49	15.1	4.58	15.0	4.72	
	-1.1	-2.2	15.9	4.20	15.8	4.37	15.8	4.50	15.8	4.59	15.7	4.67	15.7	4.80	
	1.7	0.0	16.6	4.30	16.5	4.47	16.5	4.59	16.5	4.67	16.4	4.76	16.4	4.88	
	3.9	2.2	17.3	4.40	17.2	4.55	17.2	4.67	17.1	4.75	17.1	4.83	17.1	4.95	
	6.7	4.4	17.9	4.48	17.9	4.64	17.9	4.75	17.8	4.83	17.8	4.90	17.6	4.94	
	8.3	6.1	18.5	4.55	18.4	4.70	18.4	4.81	18.3	4.88	18.3	4.96	17.6	4.77	
	10.6	8.3	19.1	4.63	19.1	4.77	19.1	4.88	19.0	4.95	18.9	4.98	17.6	4.56	
12.2	10.0	19.7	4.68	19.6	4.82	19.6	4.92	19.5	4.99	19.5	5.06	17.6	4.41		
13.9	11.7	20.2	4.73	20.1	4.87	20.1	4.97	19.8	4.94	19.8	4.67	17.6	4.27		
15.6	13.3	20.7	4.78	20.6	4.91	20.6	5.01	19.8	4.79	19.8	4.52	17.6	4.14		
120	-19.8	-20.0	10.3	3.14	10.3	3.39	10.3	3.58	10.2	3.70	10.2	3.83	10.2	4.01	
	-18.8	-19.0	10.7	3.25	10.6	3.49	10.6	3.67	10.6	3.79	10.5	3.91	10.5	4.09	
	-14.7	-15.0	11.9	3.61	11.8	3.82	11.8	3.98	11.8	4.09	11.8	4.20	11.7	4.36	
	-12.5	-13.1	12.5	3.76	12.4	3.96	12.4	4.11	12.4	4.21	12.4	4.32	12.3	4.47	
	-10.6	-11.1	13.1	3.89	13.0	4.08	13.0	4.23	13.0	4.33	13.0	4.42	12.9	4.57	
	-9.4	-10.0	13.4	3.96	13.4	4.15	13.4	4.29	13.3	4.39	13.3	4.48	13.3	4.62	
	-8.3	-9.2	13.7	4.01	13.6	4.20	13.6	4.34	13.6	4.43	13.6	4.52	13.5	4.66	
	-7.2	-7.8	14.1	4.09	14.1	4.27	14.0	4.41	14.0	4.50	14.0	4.59	14.0	4.72	
	-5.6	-6.7	14.5	4.16	14.4	4.33	14.4	4.46	14.4	4.55	14.3	4.64	14.3	4.77	
	-3.3	-4.4	15.1	4.27	15.1	4.44	15.1	4.56	15.0	4.65	15.0	4.73	15.0	4.85	
	-1.1	-2.2	15.8	4.38	15.8	4.53	15.8	4.65	15.7	4.73	15.7	4.81	15.7	4.93	
	1.7	0.0	16.5	4.47	16.5	4.62	16.4	4.74	16.4	4.82	16.4	4.89	16.2	4.95	
	3.9	2.2	17.2	4.56	17.2	4.71	17.1	4.82	17.1	4.89	17.1	4.96	16.2	4.70	
	6.7	4.4	17.9	4.64	17.8	4.78	17.8	4.89	17.8	4.96	17.5	4.90	16.2	4.48	
	8.3	6.1	18.4	4.70	18.4	4.84	18.3	4.94	18.3	5.00	17.5	4.73	16.2	4.32	
	10.6	8.3	19.1	4.77	19.0	4.91	19.0	5.00	18.3	4.78	17.5	4.52	16.2	4.13	
12.2	10.0	19.6	4.82	19.6	4.95	19.1	4.88	18.3	4.62	17.5	4.37	16.2	4.00		
13.9	11.7	20.1	4.87	20.1	4.90	19.1	4.72	18.3	4.47	17.5	4.23	16.2	3.88		
15.6	13.3	20.6	4.92	20.3	4.94	19.1	4.58	18.3	4.34	17.5	4.11	16.2	3.77		
110	-19.8	-20.0	10.3	3.42	10.3	3.65	10.2	3.82	10.2	3.93	10.2	4.05	10.2	4.22	
	-18.8	-19.0	10.6	3.52	10.6	3.74	10.5	3.90	10.5	4.01	10.5	4.12	10.5	4.29	
	-14.7	-15.0	11.8	3.85	11.8	4.04	11.8	4.19	11.7	4.29	11.7	4.39	11.7	4.53	
	-12.5	-13.1	12.4	3.98	12.4	4.17	12.4	4.31	12.3	4.40	12.3	4.50	12.3	4.64	
	-10.6	-11.1	13.0	4.11	13.0	4.29	13.0	4.42	12.9	4.51	12.9	4.60	12.9	4.73	
	-9.4	-10.0	13.4	4.17	13.3	4.35	13.3	4.48	13.3	4.56	13.3	4.65	13.2	4.78	
	-8.3	-9.2	13.6	4.22	13.6	4.39	13.6	4.52	13.5	4.60	13.5	4.69	13.5	4.81	
	-7.2	-7.8	14.1	4.30	14.0	4.46	14.0	4.58	14.0	4.67	14.0	4.75	13.9	4.87	
	-5.6	-6.7	14.4	4.35	14.4	4.51	14.4	4.63	14.3	4.71	14.3	4.79	14.3	4.91	
	-3.3	-4.4	15.1	4.46	15.1	4.61	15.0	4.73	15.0	4.80	15.0	4.88	14.9	4.96	
	-1.1	-2.2	15.8	4.55	15.7	4.70	15.7	4.81	15.7	4.88	15.7	4.96	14.9	4.69	
	1.7	0.0	16.5	4.64	16.4	4.78	16.4	4.89	16.4	4.96	16.0	4.86	14.9	4.45	
	3.9	2.2	17.2	4.72	17.1	4.86	17.1	4.96	16.8	4.89	16.0	4.62	14.9	4.23	
	6.7	4.4	17.8	4.80	17.8	4.93	17.5	4.91	16.8	4.65	16.0	4.40	14.9	4.03	
	8.3	6.1	18.4	4.85	18.3	4.98	17.5	4.74	16.8	4.49	16.0	4.25	14.9	3.89	
	10.6	8.3	19.0	4.92	18.6	4.89	17.5	4.53	16.8	4.29	16.0	4.06	14.9	3.73	
12.2	10.0	19.6	4.97	18.6	4.73	17.5	4.38	16.8	4.16	16.0	3.94	14.9	3.61		
13.9	11.7	20.1	5.01	18.6	4.58	17.5	4.25	16.8	4.03	16.0	3.82	14.9	3.50		
15.6	13.3	20.1	4.88	18.6	4.44	17.5	4.12	16.8	3.91	16.0	3.70	14.9	3.40		
100	-19.8	-20.0	10.2	3.70	10.2	3.91	10.2	4.06	10.2	4.16	10.1	4.27	10.1	4.42	
	-18.8	-19.0	10.6	3.79	10.5	3.99	10.5	4.14	10.5	4.24	10.5	4.34	10.4	4.49	
	-14.7	-15.0	11.8	4.09	11.8	4.27	11.7	4.40	11.7	4.49	11.7	4.58	11.7	4.71	
	-12.5	-13.1	12.4	4.21	12.4	4.38	12.3	4.51	12.3	4.59	12.3	4.68	12.3	4.81	
	-10.6	-11.1	13.0	4.32	13.0	4.49	12.9	4.61	12.9	4.69	12.9	4.77	12.9	4.89	
	-9.4	-10.0	13.3	4.38	13.3	4.54	13.3	4.66	13.2	4.74	13.2	4.82	13.2	4.94	
	-8.3	-9.2	13.6	4.43	13.6	4.58	13.5	4.70	13.5	4.78	13.5	4.85	13.5	4.97	
	-7.2	-7.8	14.0	4.50	14.0	4.65	14.0	4.76	13.9	4.83	13.9	4.91	13.5	4.82	
	-5.6	-6.7	14.4	4.55	14.3	4.69	14.3	4.80	14.3	4.88	14.3	4.95	13.5	4.68	
	-3.3	-4.4	15.0	4.64	15.0	4.78	15.0	4.89	15.0	4.96	14.6	4.82	13.5	4.41	
	-1.1	-2.2	15.7	4.73	15.7	4.87	15.7	4.97	15.2	4.82	14.6	4.56	13.5	4.17	
	1.7	0.0	16.4	4.81	16.4	4.94	15.9	4.83	15.2	4.57	14.6	4.33	13.5	3.96	
	3.9	2.2	17.1	4.89	16.9	4.95	15.9	4.59	15.2	4.35	14.6	4.11	13.5	3.77	
	6.7	4.4	17.8	4.96	16.9	4.71	15.9	4.37	15.2	4.14	14.6	3.92	13.5	3.60	
	8.3	6.1	18.3	5.01	16.9	4.55	15.9	4.22	15.2	4.00	14.6	3.79	13.5	3.48	
	10.6	8.3	18.3	4.78	16.9	4.35	15.9	4.03	15.2	3.83	14.6	3.63	13.5	3.34	
12.2	10.0	18.3	4.62	16.9	4.21	15.9	3.91	15.2	3.71	14.6	3.52	13.5	3.24		
13.9	11.7	18.3	4.48	16.9	4.08	15.9	3.79	15.2	3.60	14.6	3.41	13.5	3.14		
15.6	13.3	18.3	4.34	16.9	3.96	15.9	3.68	15.2	3.49	14.6	3.31	13.5	3.05		
90	-19.8	-20.0	10.2	3.98	10.2	4.16	10.1	4.30	10.1	4.40	10.1	4.49	10.1	4.63	
	-18.8	-19.0	10.5	4.06	10.5	4.24	10.4	4.37	10.4	4.46	10.4	4.55	10.4	4.69	

RXSQ60TBVJUA Heating Capacity for Standard Condition (Tc: 46°C)

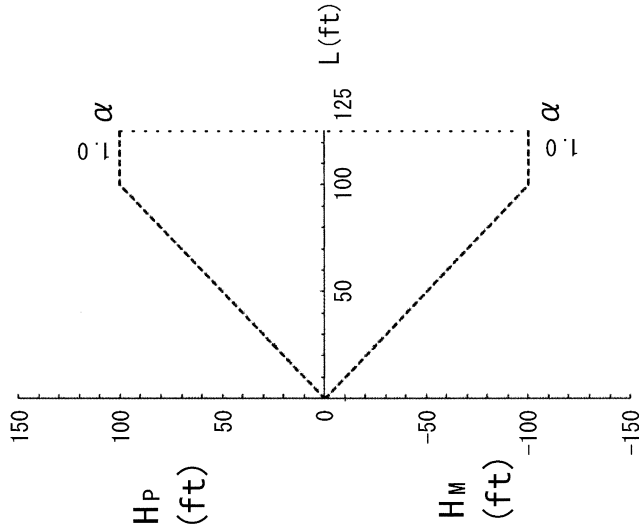
Connection ratio	Outdoor air temp.		Indoor air temp. (°CDB)													
			16.1		18.3		20.0		21.1		22.2		23.9			
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI		
%	°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130	-19.8	-20.0	12.2	3.59	12.1	3.87	12.1	4.09	12.1	4.23	12.0	4.37	12.0	4.58		
	-18.8	-19.0	12.5	3.71	12.5	3.98	12.5	4.19	12.4	4.32	12.4	4.46	12.4	4.66		
	-14.7	-15.0	14.0	4.12	13.9	4.36	13.9	4.54	13.9	4.66	13.9	4.78	13.8	4.97		
	-12.5	-13.1	14.7	4.29	14.7	4.52	14.6	4.69	14.6	4.80	14.6	4.92	14.5	5.09		
	-10.6	-11.1	15.4	4.44	15.4	4.66	15.3	4.82	15.3	4.93	15.3	5.04	15.2	5.21		
	-9.4	-10.0	15.8	4.52	15.8	4.73	15.7	4.89	15.7	5.00	15.7	5.11	15.6	5.27		
	-8.3	-9.2	16.1	4.58	16.1	4.79	16.0	4.94	16.0	5.05	16.0	5.15	15.9	5.31		
	-7.2	-7.8	16.6	4.67	16.6	4.87	16.5	5.02	16.5	5.13	16.5	5.23	16.4	5.38		
	-5.6	-6.7	17.0	4.74	17.0	4.94	16.9	5.08	16.9	5.18	16.9	5.28	16.8	5.43		
	-3.3	-4.4	17.8	4.87	17.8	5.06	17.7	5.20	17.7	5.29	17.7	5.39	17.6	5.53		
	-1.1	-2.2	18.6	4.99	18.6	5.17	18.5	5.30	18.5	5.39	18.5	5.48	18.5	5.62		
	1.7	0.0	19.4	5.10	19.4	5.27	19.4	5.40	19.3	5.48	19.3	5.57	19.3	5.70		
	3.9	2.2	20.3	5.20	20.2	5.36	20.2	5.49	20.1	5.57	20.1	5.65	19.9	5.42		
	6.7	4.4	21.1	5.29	21.0	5.45	21.0	5.57	20.9	5.65	20.9	5.73	20.8	5.16		
	8.3	6.1	21.7	5.35	21.6	5.51	21.6	5.63	21.5	5.70	21.5	5.78	21.4	4.98		
	10.6	8.3	22.5	5.44	22.4	5.59	22.4	5.70	22.3	5.77	22.3	5.85	22.2	4.76		
	12.2	10.0	23.1	5.49	23.0	5.64	23.0	5.75	22.9	5.82	22.9	5.90	22.8	4.60		
13.9	11.7	23.7	5.55	23.6	5.69	23.6	5.80	23.5	5.87	23.5	5.95	23.4	4.46			
15.6	13.3	24.3	5.60	24.1	5.70	24.1	5.79	24.0	5.87	24.0	5.95	23.9	4.32			
120	-19.8	-20.0	12.1	3.88	12.1	4.14	12.0	4.34	12.0	4.47	12.0	4.60	12.0	4.79		
	-18.8	-19.0	12.5	3.99	12.4	4.24	12.4	4.43	12.4	4.56	12.4	4.68	12.3	4.87		
	-14.7	-15.0	13.9	4.37	13.9	4.59	13.9	4.76	13.8	4.87	13.8	4.98	13.8	5.15		
	-12.5	-13.1	14.6	4.52	14.6	4.74	14.6	4.90	14.5	5.00	14.5	5.11	14.5	5.27		
	-10.6	-11.1	15.4	4.66	15.3	4.87	15.3	5.02	15.2	5.12	15.2	5.22	15.2	5.37		
	-9.4	-10.0	15.8	4.74	15.7	4.94	15.7	5.08	15.6	5.18	15.6	5.28	15.6	5.43		
	-8.3	-9.2	16.1	4.79	16.0	4.99	16.0	5.13	16.0	5.23	16.0	5.32	15.9	5.47		
	-7.2	-7.8	16.6	4.88	16.5	5.07	16.5	5.21	16.5	5.30	16.4	5.39	16.4	5.53		
	-5.6	-6.7	17.0	4.94	16.9	5.13	16.9	5.26	16.9	5.35	16.8	5.45	16.8	5.58		
	-3.3	-4.4	17.8	5.06	17.7	5.24	17.7	5.37	17.7	5.46	17.6	5.54	17.6	5.67		
	-1.1	-2.2	18.6	5.17	18.5	5.34	18.5	5.46	18.5	5.55	18.4	5.63	18.4	5.46		
	1.7	0.0	19.4	5.27	19.3	5.43	19.3	5.55	19.3	5.63	19.2	5.66	19.2	5.17		
	3.9	2.2	20.2	5.37	20.1	5.52	20.1	5.64	20.0	5.69	19.9	5.77	19.9	4.91		
	6.7	4.4	21.0	5.45	21.0	5.60	20.9	5.71	20.9	5.81	20.9	5.91	20.8	4.67		
	8.3	6.1	21.6	5.51	21.6	5.66	21.6	5.76	21.5	5.85	21.5	5.94	21.4	4.51		
	10.6	8.3	22.4	5.59	22.3	5.69	22.3	5.79	22.2	5.88	22.2	5.97	22.1	4.32		
	12.2	10.0	23.0	5.64	22.9	5.74	22.9	5.84	22.8	5.93	22.8	6.02	22.7	4.18		
13.9	11.7	23.6	5.70	23.5	5.80	23.5	5.90	23.4	5.99	23.4	6.08	23.3	4.05			
15.6	13.3	24.1	5.78	24.0	5.88	24.0	5.98	23.9	6.07	23.9	6.16	23.8	3.93			
110	-19.8	-20.0	12.1	4.17	12.0	4.41	12.0	4.59	12.0	4.71	11.9	4.83	11.9	5.00		
	-18.8	-19.0	12.4	4.27	12.4	4.50	12.4	4.68	12.3	4.79	12.3	4.91	12.3	5.08		
	-14.7	-15.0	13.9	4.62	13.8	4.82	13.8	4.98	13.8	5.08	13.8	5.18	13.7	5.34		
	-12.5	-13.1	14.6	4.76	14.6	4.96	14.5	5.10	14.5	5.20	14.5	5.30	14.4	5.44		
	-10.6	-11.1	15.3	4.89	15.3	5.08	15.2	5.22	15.2	5.31	15.2	5.40	15.1	5.54		
	-9.4	-10.0	15.7	4.96	15.7	5.14	15.6	5.28	15.6	5.37	15.6	5.46	15.5	5.59		
	-8.3	-9.2	16.0	5.01	16.0	5.19	15.9	5.32	15.9	5.41	15.9	5.50	15.9	5.63		
	-7.2	-7.8	16.5	5.09	16.5	5.26	16.4	5.39	16.4	5.47	16.4	5.56	16.3	5.67		
	-5.6	-6.7	16.9	5.15	16.9	5.32	16.8	5.44	16.8	5.52	16.8	5.61	16.8	5.50		
	-3.3	-4.4	17.7	5.26	17.7	5.42	17.6	5.54	17.6	5.62	17.6	5.68	17.5	5.18		
	-1.1	-2.2	18.5	5.36	18.5	5.51	18.5	5.63	18.4	5.68	18.4	5.76	18.3	4.90		
	1.7	0.0	19.3	5.45	19.3	5.60	19.2	5.68	19.2	5.76	19.2	5.83	19.1	4.64		
	3.9	2.2	20.1	5.54	20.1	5.68	20.0	5.76	20.0	5.84	20.0	5.91	19.9	4.41		
	6.7	4.4	21.0	5.62	20.9	5.74	20.9	5.82	20.8	5.90	20.8	5.97	20.7	4.21		
	8.3	6.1	21.6	5.68	21.5	5.81	21.5	5.89	21.4	5.96	21.4	6.03	21.3	4.07		
	10.6	8.3	22.4	5.74	22.3	5.88	22.3	5.96	22.2	6.03	22.2	6.10	22.1	3.89		
	12.2	10.0	23.1	5.80	23.0	5.94	23.0	6.02	22.9	6.10	22.9	6.17	22.8	3.73		
13.9	11.7	23.7	5.86	23.6	5.99	23.6	6.07	23.5	6.15	23.5	6.22	23.4	3.58			
15.6	13.3	24.1	5.90	24.0	6.03	24.0	6.11	23.9	6.19	23.9	6.26	23.8	3.46			
100	-19.8	-20.0	12.0	4.46	12.0	4.68	11.9	4.84	11.9	4.95	11.9	5.06	11.9	5.22		
	-18.8	-19.0	12.4	4.55	12.3	4.76	12.3	4.92	12.3	5.03	12.3	5.13	12.2	5.29		
	-14.7	-15.0	13.8	4.87	13.8	5.06	13.8	5.20	13.7	5.29	13.7	5.38	13.7	5.52		
	-12.5	-13.1	14.5	5.00	14.5	5.18	14.5	5.31	14.4	5.40	14.4	5.49	14.4	5.62		
	-10.6	-11.1	15.2	5.12	15.2	5.29	15.2	5.41	15.2	5.50	15.1	5.58	14.8	5.57		
	-9.4	-10.0	15.6	5.18	15.6	5.35	15.6	5.47	15.6	5.55	15.5	5.63	14.8	5.35		
	-8.3	-9.2	16.0	5.23	15.9	5.39	15.9	5.51	15.9	5.59	15.8	5.67	14.8	5.24		
	-7.2	-7.8	16.5	5.30	16.4	5.45	16.4	5.57	16.4	5.65	16.0	5.51	14.8	5.03		
	-5.6	-6.7	16.9	5.35	16.8	5.50	16.8	5.62	16.7	5.66	16.0	5.34	14.8	4.80		
	-3.3	-4.4	17.7	5.45	17.6	5.60	17.5	5.63	17.5	5.71	17.4	5.78	14.8	4.68		
	-1.1	-2.2	18.5	5.55	18.4	5.69	18.4	5.81	18.3	5.84	18.3	5.91	14.8	4.36		
	1.7	0.0	19.3	5.63	19.2	5.76	19.2	5.88	19.1	5.91	19.1	5.98	14.8	4.14		
	3.9	2.2	20.1	5.70	20.0	5.82	20.0	5.94	19.9	5.97	19.9	6.04	14.8	3.94		
	6.7	4.4	21.0	5.78	20.9	5.90	20.9	6.01	20.8	6.04	20.8	6.11	14.8	3.76		
	8.3	6.1	21.6	5.84	21.5	5.96	21.5	6.07	21.4	6.10	21.4	6.17	14.8	3.64		
	10.6	8.3	22.4	5.90	22.3	6.01	22.3	6.11	22.2	6.14	22.2	6.21	14.8	3.48		
	12.2	10.0	23.1	5.96	23.0	6.07	23.0	6.17	22.9	6.20	22.9	6.27	14.8	3.38		
13.9	11.7	23.7	6.02	23.6	6.12	23.6	6.22	23.5	6.25	23.5	6.32	14.8	3.28			
15.6	13.3	24.1	6.08	24.0	6.18	24.0	6.28	2								

1.3 Capacity Correction Factor RXSQ24 - 36TBVJUA

1. Rate of change in cooling capacity



2. Rate of change in heating capacity



[Notes]

- These figures illustrate the rate of change in capacity of a standard indoor unit system at maximum load (with the thermostat set to maximum) under standard conditions. Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.
- With this outdoor unit, evaporating pressure constant control when cooling, and condensing pressure constant control when heating is carried out.
- Method of calculating cooling/heating capacity (max. capacity for combination with standard indoor unit)

$$\text{cooling/heating capacity} = \text{cooling/heating capacity obtained from performance characteristic table} \times \text{each capacity rate of change}$$

In the case length of piping differs depending on the indoor unit, maximum capacity of each unit during simultaneous operation is:

$$\text{cooling/heating capacity} = \text{cooling/heating capacity of each unit} \times \text{capacity rate of change for each piping length}$$

[Explanation of symbols]

- H_i: Level difference(ft) between indoor and outdoor units where indoor unit in inferior position
- H_o: Level difference(ft) between indoor and outdoor units where indoor unit in superior position
- L: Equivalent pipe length(ft)
- α: Capacity correction factor

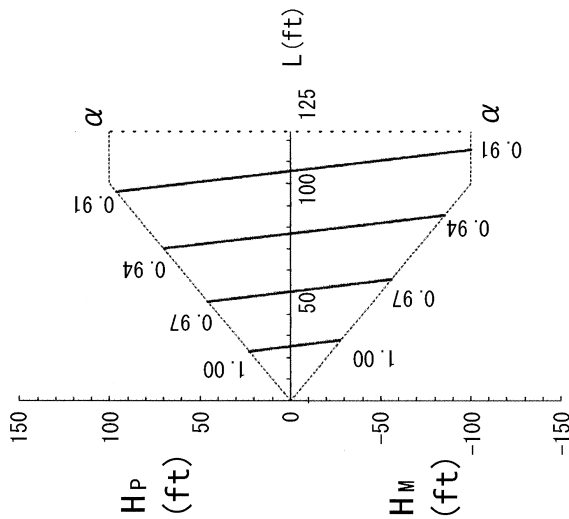
[Diameter of pipes]

MODEL	GAS	LIQUID
RXSQ24TBVJUA	Φ5/8 (15.9)	Φ3/8 (9.5)
RXSQ36TBVJUA	Φ5/8 (15.9)	Φ3/8 (9.5)

Unit: in. (mm)

RXSQ48TBVJUA

1. Rate of change in cooling capacity



[Notes]

- These figures illustrate the rate of change in capacity of a standard indoor unit system at maximum load (with the thermostat set to maximum) under standard conditions. Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.
- With this outdoor unit, evaporating pressure constant control when cooling, and condensing pressure constant control when heating is carried out.
- Method of calculating cooling/heating capacity (max. capacity for combination with standard indoor unit)

$$\text{cooling/heating capacity} = \text{cooling/heating capacity obtained from performance characteristic table} \times \text{each capacity rate of change}$$

In the case length of piping differs depending on the indoor unit, maximum capacity of each unit during simultaneous operation is:

$$\text{cooling/heating capacity} = \text{cooling/heating capacity of each unit} \times \text{capacity rate of change for each piping length}$$

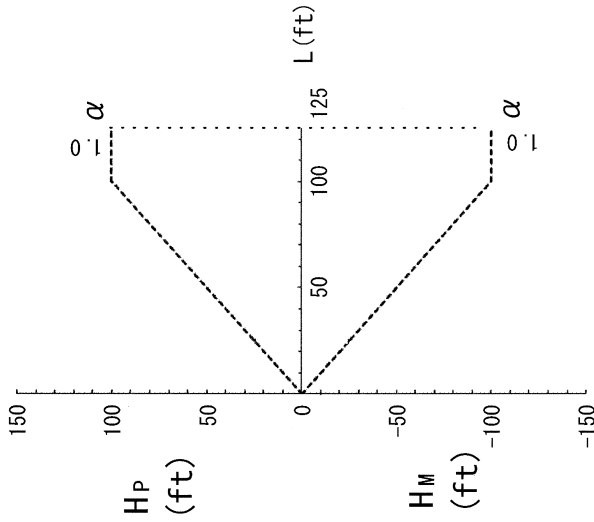
When overall equivalent pipe length is 295ft (90m) or more, the diameter of the main gas and liquid pipes (outdoor unit-branch sections) must be increased.

[Diameter of above case]

MODEL	GAS	LIQUID
RXSQ48TBVJUA	Φ3/4(19.1)	Φ3/8(9.5)

Unit: in. (mm)

2. Rate of change in heating capacity



[Explanation of symbols]

- Hp: Level difference (ft) between indoor and outdoor units where indoor unit in inferior position
- Hm: Level difference (ft) between indoor and outdoor units where indoor unit in superior position
- L: Equivalent pipe length (ft)
- α: Capacity correction factor

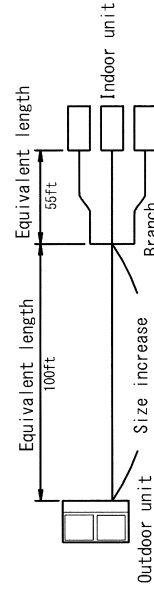
[Diameter of pipes]

MODEL	GAS	LIQUID
RXSQ48TBVJUA	Φ5/8(15.9)	Φ3/8(9.5)

Unit: in. (mm)

- When the main sections of the interunit gas pipe diameters are increased the overall equivalent length should be calculated as follows.

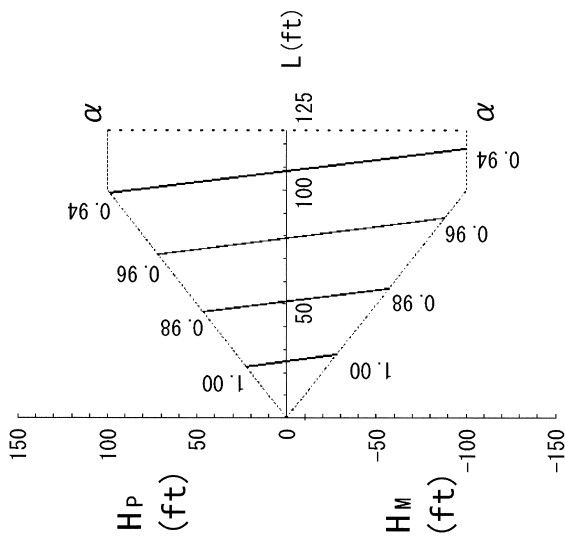
$$\text{Overall equivalent length} = \text{Equivalent length to main pipe} \times 0.5 + \text{Equivalent length after branching}$$



In the above case (Cooling)
 Overall equivalent length = 100ft × 0.5 + 55ft = 105ft
 The correction factor in capacity when Hp=0ft is thus approximately 0.91

RXSQ60TBVJUA

1. Rate of change in cooling capacity



[Notes]

- These figures illustrate the rate of change in capacity of a standard indoor unit system at maximum load (with the thermostat set to maximum) under standard conditions. Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.
- With this outdoor unit, evaporating pressure constant control when cooling, and condensing pressure constant control when heating is carried out.
- Method of calculating cooling/heating capacity (max. capacity for combination with standard indoor unit)

$$\text{cooling/heating capacity} = \text{cooling/heating capacity obtained from performance characteristic table} \times \text{each capacity rate of change}$$

[Diameter of above case]

In the case length of piping differs depending on the indoor unit, maximum capacity of each unit during simultaneous operation is:

$$\text{cooling/heating capacity} = \text{cooling/heating capacity of each unit} \times \text{capacity rate of change for each piping length}$$

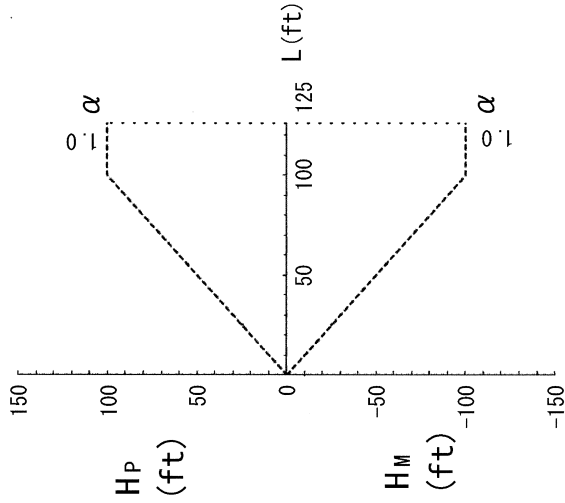
- When overall equivalent pipe length is 295ft (90m) or more, the diameter of the main gas and liquid pipes (outdoor unit-branch sections) must be increased.

[Diameter of above case]

MODEL	GAS	LIQUID
RXSQ60TBVJUA	Φ7/8 (22.2)	Φ3/8 (9.5)

Unit: in. (mm)

2. Rate of change in heating capacity



[Explanation of symbols]

- H_i: Level difference (ft) between indoor and outdoor units where indoor unit in inferior position
- H_o: Level difference (ft) between indoor and outdoor units where indoor unit in superior position
- L: Equivalent pipe length (ft)
- α: Capacity correction factor

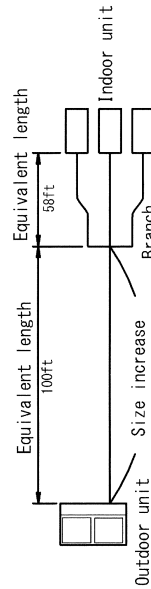
[Diameter of pipes]

MODEL	GAS	LIQUID
RXSQ60TBVJUA	Φ3/4 (19.1)	Φ3/8 (9.5)

Unit: in. (mm)

- When the main sections of the interunit gas pipe diameters are increased the overall equivalent length should be calculated as follows.

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



In the above case (Cooling)
 Overall equivalent length = 100ft × 0.5 + 58ft = 108ft
 The correction factor in capacity when Hp=0ft is thus approximately 0.94

1.4 Notes for Heating Capacity Characteristics (Heat Pump)

RXSQ24 - 60TBVJUA

- 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

A = Capacity value given in the capacity tables

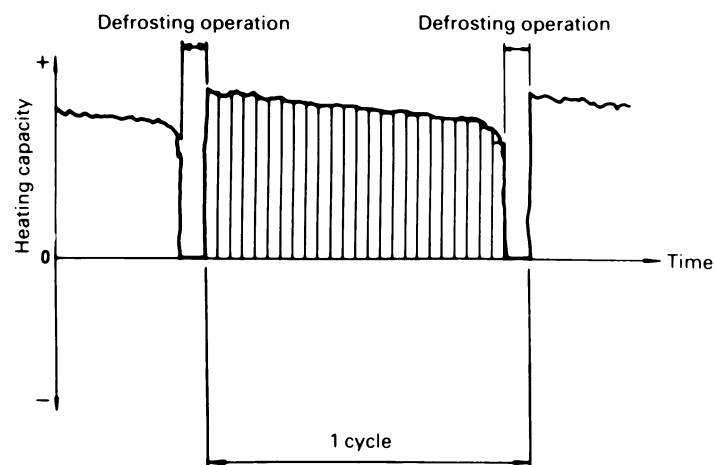
B = Correction factor for frost accumulation

- 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	0.95	0.93	0.88	0.84	0.85	0.90	1.00


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.



- 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.