

Engineering Data

Capacity Table

RXLQ-TBTJA, 208 / 230 V

RXLQ-TBYDA, 460 V

RXLQ-TBYCA, 575 V

Heat Pump 60 Hz

R-410A



VRV
Aurora Series

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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

RXLQ72TBTJA / TBYDA / TBYCA Cooling Capacity for Standard Condition (Te: 43°F)

Combination	Outdoor air temp.	Indoor air temp. °FWB												Combination	Outdoor air temp.	Indoor air temp. °FWB															
		57		61		64		67		70		72				75		57		61		64		67		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	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				
130	23	54.9	1.61	70.4	2.12	82.0	2.52	93.6	2.94	102	3.25	103	3.27	105	3.29	23	38.0	1.11	48.7	1.42	56.8	1.67	64.8	1.93	72.8	2.20	78.2	2.39	86.2	2.67	
	30	54.9	1.66	70.4	2.19	82.0	2.61	93.6	3.05	99.4	3.29	101	3.31	103	3.33	30	38.0	1.14	48.7	1.46	56.8	1.72	64.8	1.99	72.8	2.27	78.2	2.47	86.2	2.76	
	40	54.9	1.74	70.4	2.29	82.0	2.73	93.6	3.30	96.1	3.35	97.6	3.37	99.7	3.40	40	38.0	1.19	48.7	1.53	56.8	1.80	64.8	2.09	72.8	2.39	78.2	2.59	86.2	2.92	
	50	54.9	1.82	70.4	2.41	82.0	2.94	90.7	3.39	92.9	3.42	94.3	3.44	96.5	3.47	50	38.0	1.24	48.7	1.60	56.8	1.89	64.8	2.19	72.8	2.51	78.2	2.74	86.2	3.17	
	54	54.9	1.86	70.4	2.46	82.0	3.03	89.4	3.41	91.6	3.44	93.0	3.46	95.2	3.49	54	38.0	1.26	48.7	1.63	56.8	1.93	64.8	2.24	72.8	2.56	78.2	2.83	86.2	3.27	
	58	54.9	1.90	70.4	2.51	82.0	3.14	88.1	3.44	90.3	3.47	91.7	3.49	93.9	3.52	58	38.0	1.28	48.7	1.66	56.8	1.97	64.8	2.29	72.8	2.64	78.2	2.92	86.2	3.38	
	62	54.9	1.94	70.4	2.59	82.0	3.25	86.8	3.46	88.9	3.49	90.4	3.52	92.6	3.55	62	38.0	1.31	48.7	1.70	56.8	2.01	64.8	2.33	72.8	2.72	78.2	3.02	85.4	3.44	
	66	54.9	1.98	70.4	2.68	82.0	3.36	85.5	3.49	87.6	3.52	89.1	3.54	91.3	3.57	66	38.0	1.33	48.7	1.73	56.8	2.05	64.8	2.39	72.8	2.82	78.2	3.13	84.1	3.47	
	70	54.9	2.02	70.4	2.82	82.0	3.54	84.2	3.58	86.3	3.61	87.8	3.63	90.0	3.67	70	38.0	1.36	48.7	1.77	56.8	2.10	64.8	2.51	72.8	2.97	78.2	3.30	82.8	3.55	
	72	54.9	2.07	70.4	2.93	81.4	3.63	83.5	3.67	85.7	3.70	87.1	3.72	89.3	3.76	72	38.0	1.37	48.7	1.79	56.8	2.17	64.8	2.60	72.8	3.08	78.2	3.43	82.1	3.64	
	75	54.9	2.19	70.4	3.11	80.4	3.76	82.5	3.80	84.7	3.84	86.2	3.86	88.3	3.90	75	38.0	1.40	48.7	1.87	56.8	2.29	64.8	2.76	72.8	3.27	78.2	3.63	81.2	3.78	
	79	54.9	2.35	70.4	3.35	79.1	3.94	81.2	3.98	83.4	4.02	84.9	4.05	87.0	4.09	79	38.0	1.47	48.7	2.01	56.8	2.46	64.8	2.97	72.8	3.52	78.2	3.99	81.7	3.96	
83	54.9	2.53	70.4	3.60	77.8	4.12	79.9	4.17	82.1	4.21	83.6	4.24	85.7	4.28	83	38.0	1.58	48.7	2.15	56.8	2.65	64.8	3.19	72.8	3.79	77.1	4.1	77.6	4.14		
87	54.9	2.71	70.4	3.87	76.5	4.31	78.6	4.35	80.8	4.40	82.3	4.43	84.1	4.46	87	38.0	1.69	48.7	2.31	56.8	2.84	64.8	3.43	72.8	4.08	75.8	4.29	78.3	4.32		
91	54.9	2.91	70.4	4.16	75.2	4.49	77.3	4.54	79.5	4.58	81.0	4.61	81.1	4.62	91	38.0	1.80	48.7	2.47	56.8	3.05	64.8	3.68	72.8	4.38	74.5	4.47	76.0	4.60		
93	54.9	3.01	70.4	4.32	74.5	4.58	76.7	4.63	78.9	4.68	79.5	4.69	79.5	4.69	93	38.0	1.86	48.7	2.56	56.8	3.15	64.8	3.82	72.8	4.54	73.8	4.56	75.3	4.60		
95	54.9	3.12	70.4	4.47	73.9	4.67	76.0	4.72	77.9	4.77	78.0	4.77	78.0	4.77	95	38.0	1.92	48.7	2.64	56.8	3.26	64.8	3.95	72.2	4.63	73.2	4.65	74.7	4.69		
99	54.9	3.34	70.4	4.80	72.6	4.85	74.7	4.91	74.9	4.91	74.9	4.91	74.9	4.91	99	38.0	2.05	48.7	2.83	56.8	3.50	64.8	4.24	70.9	4.81	71.9	4.84	73.4	4.87		
103	54.9	3.57	69.1	4.98	71.3	5.04	71.8	5.05	71.8	5.05	71.8	5.05	71.8	5.05	103	38.0	2.18	48.7	3.02	56.8	3.74	64.8	4.55	69.6	4.99	70.6	5.02	71.8	5.05		
106	54.9	3.76	68.1	5.12	69.5	5.16	69.5	5.16	69.5	5.16	69.5	5.16	69.5	5.16	106	38.0	2.29	48.7	3.18	56.8	3.94	64.8	4.79	68.6	5.13	69.5	5.16	69.5	5.16		
110	54.9	4.03	66.4	5.30	66.4	5.30	66.4	5.30	66.4	5.30	66.5	5.30	66.5	5.30	110	38.0	2.45	48.7	3.41	56.8	4.23	64.8	5.15	66.4	5.30	66.5	5.30	66.5	5.30		
115	54.9	4.49	56.2	5.55	56.3	5.56	56.5	5.56	56.6	5.57	56.7	5.57	56.8	5.58	115	38.0	2.71	48.7	3.78	56.3	5.56	56.5	5.56	56.6	5.57	56.7	5.57	56.8	5.58		
118	49.0	4.74	49.1	4.75	49.3	4.76	49.4	4.76	49.5	4.77	49.6	4.77	49.7	4.78	118	38.0	2.88	48.7	4.03	49.3	4.76	49.4	4.76	49.5	4.77	49.6	4.77	49.7	4.78		
122	39.5	3.67	39.7	3.68	39.8	3.69	39.9	3.69	40.1	3.70	40.1	3.70	40.3	3.71	122	38.0	3.11	39.7	3.68	39.9	3.69	39.9	3.69	40.1	3.70	40.1	3.70	40.3	3.71		
120	23	50.7	1.47	65.0	1.94	75.7	2.30	86.4	2.68	97.1	3.07	101	3.25	103	3.27	23	33.8	1.00	43.3	1.26	50.5	1.47	57.6	1.69	64.7	1.93	69.5	2.09	76.6	2.33	
	30	50.7	1.52	65.0	2.00	75.7	2.38	86.4	2.77	97.1	3.23	99.2	3.29	101	3.31	30	33.8	1.02	43.3	1.30	50.5	1.52	57.6	1.75	64.7	1.99	69.5	2.16	76.6	2.41	
	40	50.7	1.59	65.0	2.09	75.7	2.49	86.4	2.93	94.6	3.33	95.9	3.35	97.9	3.38	40	33.8	1.06	43.3	1.35	50.5	1.58	57.6	1.83	64.7	2.08	69.5	2.26	76.6	2.53	
	50	50.7	1.67	65.0	2.20	75.7	2.62	86.4	3.18	91.3	3.40	92.7	3.41	94.7	3.44	50	33.8	1.11	43.3	1.41	50.5	1.66	57.6	1.92	64.7	2.19	69.5	2.38	76.6	2.66	
	54	50.7	1.70	65.0	2.25	75.7	2.70	86.4	3.28	90.0	3.42	91.4	3.44	93.4	3.47	54	33.8	1.13	43.3	1.44	50.5	1.69	57.6	1.96	64.7	2.24	69.5	2.43	76.6	2.75	
	58	50.7	1.74	65.0	2.29	75.7	2.79	86.4	3.39	88.7	3.45	90.1	3.47	92.1	3.49	58	33.8	1.15	43.3	1.47	50.5	1.73	57.6	2.00	64.7	2.28	69.5	2.48	76.6	2.84	
	62	50.7	1.77	65.0	2.34	75.7	2.88	85.4	3.44	87.4	3.47	88.8	3.49	90.8	3.52	62	33.8	1.17	43.3	1.50	50.5	1.76	57.6	2.04	64.7	2.33	69.5	2.55	76.6	2.94	
	66	50.7	1.81	65.0	2.39	75.7	2.98	84.1	3.47	86.1	3.50	87.5	3.52	89.5	3.55	66	33.8	1.19	43.3	1.53	50.5	1.80	57.6	2.09	64.7	2.38	69.5	2.63	76.6	3.04	
	70	50.7	1.85	65.0	2.52	75.7	3.14	82.8	3.55	84.8	3.59	86.2	3.61	88.2	3.64	70	33.8	1.21	43.3	1.56	50.5	1.84	57.6	2.13	64.7	2.50	69.5	2.77	76.6	3.20	
	72	50.7	1.87	65.0	2.61	75.7	3.26	82.2	3.64	84.2	3.68	85.6	3.70	87.5	3.73	72	33.8	1.22	43.3	1.57	50.5	1.86	57.6	2.16	64.7	2.60	69.5	2.88	76.6	3.30	
	75	50.7	1.97	65.0	2.77	75.7	3.46	81.2	3.78	83.2	3.81	84.5	3.84	86.5	3.87	75	33.8	1.24	43.3	1.61	50.5	1.96	57.6	2.34	64.7	2.75	69.5	3.06	76.6	3.52	
	79	50.7	2.11	65.0	2.98	75.7	3.73	79.9	3.96	81.9	4.00	83.2	4.02	85.2	4.06	79	33.8	1.29	43.3	1.73	50.5	2.10	57.6	2.61	64.7	2.96	69.5	3.29	76.6	3.80	
83	50.7	2.27	65.0	3.20	75.7	4.02	78.6	4.14	80.6	4.18	81.9	4.21	83.9	4.24	83	33.8	1.38	43.3	1.85	50.5	2.25	57.6	2.70	64.7	3.19	69.5	3.54	76.6	4.09		
87	50.7	2.43	65.0	3.44	75.3	4.28	77.3	4.32	79.3	4.36	80.6	4.39	82.6																		

RXLQ96TBTJA / TBYDA / TBYCA Cooling Capacity for Standard Condition (Te: 43°F)

Table with columns for Combination, Outdoor air temp., Indoor air temp. °FDB, 57, 61, 64, 67, 70, 72, 75. It contains multiple sub-tables for different capacity percentages (130, 120, 110, 100) and includes a detailed legend for TC (Total capacity) and PI (Power Input).

1. Capacity Tables (Reference Data)

RXLQ120TBTJA / TBYDA / TBYCA Cooling Capacity for Standard Condition (Te: 43°F)

Combination	Outdoor air temp.	Indoor air temp. °FWB														Combination	Outdoor air temp.	Indoor air temp. °FWB													
		57		61		64		67		70		72		75				57		61		64		67		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	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		
130	23	90.8	2.98	116	3.92	136	4.67	155	5.45	168	6.02	170	6.05	174	6.09	23	62.8	2.06	80.5	2.63	93.8	3.09	107	3.57	120	4.08	129	4.42	143	5.12	
30	90.8	3.07	116	4.05	136	4.83	155	5.66	166	6.18	168	6.21	172	6.26	40	62.8	2.11	80.5	2.71	93.8	3.19	107	3.69	120	4.21	129	4.57	143	5.41		
40	90.8	3.22	116	4.25	136	5.06	155	6.12	160	6.30	163	6.33	166	6.39	50	62.8	2.20	80.5	2.83	93.8	3.33	107	3.87	120	4.42	129	4.79	143	5.61		
50	90.8	3.37	116	4.46	136	5.44	151	6.36	155	6.42	157	6.45	161	6.51	50	62.8	2.30	80.5	2.96	93.8	3.50	107	4.06	120	4.64	129	5.07	143	5.86		
54	90.8	3.44	116	4.56	136	5.62	149	6.41	153	6.46	155	6.50	159	6.56	54	62.8	2.34	80.5	3.02	93.8	3.57	107	4.14	120	4.74	129	5.24	143	6.06		
58	90.8	3.51	116	4.66	136	5.81	147	6.46	150	6.51	153	6.55	156	6.61	58	62.8	2.38	80.5	3.08	93.8	3.64	107	4.23	120	4.88	129	5.41	143	6.27		
62	90.8	3.58	116	4.80	136	6.01	145	6.50	148	6.56	151	6.60	154	6.66	62	62.8	2.42	80.5	3.14	93.8	3.72	107	4.32	120	5.05	129	5.60	142	6.46		
66	90.8	3.66	116	4.97	136	6.22	142	6.55	146	6.61	148	6.65	152	6.71	66	62.8	2.47	80.5	3.21	93.8	3.80	107	4.42	120	5.22	129	5.79	140	6.51		
70	90.8	3.74	116	5.23	136	6.56	140	6.72	144	6.78	146	6.82	150	6.89	70	62.8	2.52	80.5	3.28	93.8	3.88	107	4.64	120	5.49	129	6.10	138	6.67		
72	90.8	3.84	116	5.43	136	6.72	139	6.89	143	6.95	145	7.00	149	7.06	72	62.8	2.54	80.5	3.31	93.8	4.01	107	4.82	120	5.71	129	6.35	137	6.84		
75	90.8	4.05	116	5.75	134	7.07	138	7.14	141	7.21	144	7.26	147	7.33	75	62.8	2.58	80.5	3.46	93.8	4.24	107	5.10	120	6.05	129	6.72	135	7.10		
79	90.8	4.36	116	6.20	132	7.41	135	7.48	139	7.56	141	7.61	145	7.68	79	62.8	2.73	80.5	3.72	93.8	4.56	107	5.50	120	6.52	129	7.25	133	7.44		
83	90.8	4.68	116	6.67	130	7.75	133	7.83	137	7.91	139	7.96	143	8.04	83	62.8	2.92	80.5	3.99	93.8	4.90	107	5.91	120	7.02	128	7.72	131	7.78		
87	90.8	5.02	116	7.18	127	8.09	131	8.17	135	8.26	137	8.31	141	8.40	87	62.8	3.12	80.5	4.27	93.8	5.26	107	6.35	120	7.55	126	8.06	129	8.12		
91	90.8	5.39	116	7.71	125	8.43	129	8.52	133	8.61	135	8.67	137	8.71	91	62.8	3.33	80.5	4.58	93.8	5.64	107	6.82	120	8.12	124	8.40	127	8.46		
93	90.8	5.58	116	7.99	124	8.60	128	8.69	131	8.78	134	8.85	134	8.85	93	62.8	3.44	80.5	4.73	93.8	5.84	107	7.07	120	8.41	123	8.57	126	8.63		
95	90.8	5.77	116	8.28	123	8.77	127	8.87	130	8.96	131	8.99	131	8.99	95	62.8	3.56	80.5	4.90	93.8	6.05	107	7.32	120	8.70	122	8.74	124	8.81		
99	90.8	6.18	116	8.89	121	9.12	125	9.22	126	9.26	126	9.26	126	9.26	99	62.8	3.79	80.5	5.24	93.8	6.48	107	7.85	118	9.04	120	9.08	122	9.15		
103	90.8	6.62	115	9.36	119	9.46	121	9.52	121	9.52	121	9.52	121	9.52	103	62.8	4.05	80.5	5.60	93.8	6.93	107	8.42	116	9.38	118	9.43	120	9.50		
106	90.8	7.06	114	9.74	117	9.84	117	9.85	117	9.85	117	9.85	117	9.85	106	62.8	4.30	80.5	5.97	93.8	7.40	107	8.99	114	9.77	116	9.82	117	9.85		
110	90.8	7.70	111	10.3	111	10.3	111	10.3	111	10.3	111	10.3	111	10.3	110	62.8	4.67	80.5	6.50	93.8	8.07	107	9.82	111	10.3	111	10.3	112	10.3		
115	90.8	8.56	106	11.0	106	11.0	106	11.0	106	11.0	106	11.0	106	11.0	115	62.8	5.17	80.5	7.22	93.8	8.99	106	11.0	106	11.0	106	11.0	106	11.0		
118	90.8	8.77	103	10.8	103	10.8	103	10.8	103	10.8	103	10.8	103	10.8	118	62.8	5.49	80.5	7.68	93.8	9.40	107	10.4	107	10.4	107	10.4	107	10.4		
122	66.6	6.65	66.6	6.67	67.0	6.68	67.2	6.69	67.4	6.70	67.6	6.71	67.8	6.72	122	62.8	5.94	66.6	6.67	67.0	6.68	67.2	6.69	67.4	6.70	67.6	6.71	67.8	6.72		
120	23	83.8	2.74	107	3.58	125	4.26	143	4.96	161	5.68	168	6.01	171	6.05	23	55.9	1.85	71.6	2.33	83.4	2.73	95.2	3.14	107	3.57	115	3.87	127	4.32	
30	83.8	2.82	107	3.70	125	4.40	143	5.13	161	5.98	165	6.18	169	6.22	30	55.9	1.90	71.6	2.40	83.4	2.81	95.2	3.24	107	3.68	115	3.99	127	4.46		
40	83.8	2.95	107	3.88	125	4.62	143	5.43	158	6.26	160	6.29	163	6.34	40	55.9	1.97	71.6	2.50	83.4	2.93	95.2	3.39	107	3.86	115	4.19	127	4.68		
50	83.8	3.09	107	4.07	125	4.86	143	5.88	152	6.38	154	6.41	158	6.46	50	55.9	2.05	71.6	2.62	83.4	3.07	95.2	3.56	107	4.06	115	4.40	127	4.93		
54	83.8	3.15	107	4.16	125	5.00	143	6.08	150	6.43	152	6.46	156	6.51	54	55.9	2.09	71.6	2.67	83.4	3.13	95.2	3.63	107	4.14	115	4.49	127	5.09		
58	83.8	3.21	107	4.25	125	5.16	143	6.29	148	6.47	150	6.51	153	6.56	58	55.9	2.12	71.6	2.72	83.4	3.20	95.2	3.70	107	4.23	115	4.59	127	5.28		
62	83.8	3.28	107	4.34	125	5.34	142	6.47	146	6.52	148	6.56	151	6.61	62	55.9	2.16	71.6	2.77	83.4	3.26	95.2	3.78	107	4.32	115	4.72	127	5.44		
66	83.8	3.35	107	4.43	125	5.52	140	6.51	144	6.57	146	6.61	149	6.66	66	55.9	2.20	71.6	2.83	83.4	3.33	95.2	3.86	107	4.41	115	4.88	127	5.62		
70	83.8	3.42	107	4.66	125	5.82	138	6.68	141	6.73	144	6.77	147	6.83	70	55.9	2.24	71.6	2.88	83.4	3.40	95.2	3.95	107	4.64	115	5.13	127	5.92		
72	83.8	3.46	107	4.84	125	6.05	137	6.84	140	6.91	143	6.95	146	7.01	72	55.9	2.26	71.6	2.92	83.4	3.44	95.2	4.09	107	4.82	115	5.33	127	6.16		
75	83.8	3.61	107	5.12	125	6.40	135	7.10	139	7.16	141	7.20	144	7.27	75	55.9	2.30	71.6	2.98	83.4	3.62	95.2	4.33	107	5.10	115	5.65	127	6.52		
79	83.8	3.94	107	5.52	125	6.90	133	7.44	137	7.51	139	7.55	142	7.62	79	55.9	2.38	71.6	3.20	83.4	3.89	95.2	4.65	107	5.49	115	6.08	127	7.04		
83	83.8	4.20	107	5.93	125	7.44	131	7.78	134	7.85	137	7.90	140	7.97	83	55.9	2.55	71.6	3.43	83.4	4.17	95.2	5.00	107	5.90	115	6.55	127	7.58		
87	83.8	4.50	107	6.38	125	7.93	129	8.12	132	8.20	134	8.25	138	8.33	87	55.9	2.72	71.6	3.67	83.4	4.48	95.2	5.37	107	6.34	115	7.04	126	8.05		
91	83.8	4.83	107	6.85	123	8.38	127	8.46	130	8.55	132	8.60	136	8.68	91	55.9	2.90	71.6	3.92	83.4	4.79	95.2	5.76	107	6.81	115	7.57	124	8.39		
93	83.8																														

RXLQ240TBTJA / TBYDA / TBYCA 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			
130	23	182	6.51	233	8.56	271	10.2	309	11.9	336	13.1	341	13.2	348	13.3					
	120	23	168	5.98	215	7.82	250	9.30	286	10.8	321	12.4	335	13.1	342	13.2				
		110	23	154	5.47	197	7.11	229	8.42	262	9.80	294	11.2	316	12.2	336	13.1			
			100	23	140	4.97	179	6.41	208	7.57	238	8.79	268	10.0	287	10.9	317	12.2		

1. Capacity Tables (Reference Data)

1.1.2 Celsius

RXLQ72TBTJA / TBYDA / TBYCA Cooling Capacity for Standard Condition (Te: 6°C)

Combination	Outdoor air temp.	Indoor air temp. °CWB																
		13.9		16.1		17.8		19.4		21.1		22.2		23.9				
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI			
%	°CDB	KW	KW	KW	KW	KW	KW	KW	KW	KW	KW	KW	KW	KW	KW	KW	KW	
130	-5.0	16.1	1.61	20.6	2.12	24.0	2.62	27.4	2.94	29.8	3.25	30.2	3.27	30.8	3.29			
	-1.1	16.1	1.66	20.6	2.19	24.0	2.61	27.4	3.05	29.1	3.29	29.5	3.31	30.2	3.33			
	4.4	16.1	1.74	20.6	2.29	24.0	2.73	27.4	3.30	28.2	3.35	28.6	3.37	29.2	3.40			
	10.0	16.1	1.82	20.6	2.41	24.0	2.94	26.6	3.39	27.2	3.42	27.6	3.44	28.3	3.47			
	12.2	16.1	1.86	20.6	2.46	24.0	3.03	26.2	3.41	26.8	3.44	27.3	3.46	27.9	3.49			
	14.4	16.1	1.90	20.6	2.51	24.0	3.14	25.8	3.44	26.4	3.47	26.9	3.49	27.5	3.52			
	16.7	16.1	1.94	20.6	2.59	24.0	3.25	25.4	3.46	26.1	3.49	26.5	3.52	27.1	3.55			
	18.9	16.1	1.98	20.6	2.68	24.0	3.36	25.1	3.49	25.7	3.52	26.1	3.54	26.7	3.57			
	21.1	16.1	2.02	20.6	2.82	24.0	3.54	24.7	3.58	25.3	3.61	25.7	3.63	26.4	3.67			
	22.2	16.1	2.07	20.6	2.93	23.8	3.63	24.5	3.67	25.1	3.70	25.5	3.72	26.2	3.76			
	23.9	16.1	2.19	20.6	3.11	23.6	3.76	24.2	3.80	24.8	3.84	25.3	3.86	25.9	3.90			
	26.1	16.1	2.35	20.6	3.35	23.2	3.94	23.8	3.98	24.4	4.02	24.9	4.05	25.5	4.09			
	28.3	16.1	2.53	20.6	3.60	22.8	4.12	23.4	4.17	24.1	4.21	24.5	4.24	25.1	4.28			
	30.6	16.1	2.71	20.6	3.87	22.4	4.31	23.0	4.35	23.7	4.40	24.1	4.43	24.7	4.46			
	32.8	16.1	2.91	20.6	4.16	22.0	4.49	22.7	4.54	23.3	4.58	23.7	4.61	23.8	4.62			
	33.9	16.1	3.01	20.6	4.32	21.8	4.58	22.5	4.63	23.1	4.68	23.3	4.69	23.3	4.69			
	35.0	16.1	3.12	20.6	4.47	21.6	4.67	22.3	4.72	22.8	4.77	22.8	4.77	22.9	4.77			
	37.2	16.1	3.34	20.6	4.80	21.3	4.85	21.9	4.91	21.9	4.91	21.9	4.91	22.0	4.91			
	39.4	16.1	3.57	20.3	4.98	20.9	5.04	21.0	5.05	21.0	5.05	21.0	5.05	21.1	5.05			
	41.1	16.1	3.76	20.0	5.12	20.4	5.16	20.4	5.16	20.4	5.16	20.4	5.16	20.4	5.16			
43.3	16.1	4.03	19.5	5.30	19.5	5.30	19.5	5.30	19.5	5.30	19.5	5.30	19.5	5.30				
46.1	16.1	4.49	16.5	5.55	16.5	5.56	16.5	5.56	16.6	5.57	16.6	5.57	16.6	5.58				
47.8	14.4	4.74	14.4	4.75	14.4	4.76	14.5	4.76	14.5	4.77	14.5	4.77	14.6	4.78				
50.0	11.6	3.67	11.6	3.68	11.7	3.69	11.7	3.69	11.7	3.70	11.8	3.70	11.8	3.71				
120	-5.0	14.9	1.48	19.0	1.94	22.2	2.30	25.3	2.68	28.5	3.07	29.7	3.25	30.3	3.27			
	-1.1	14.9	1.52	19.0	2.00	22.2	2.38	25.3	2.77	28.5	3.23	29.1	3.29	29.7	3.31			
	4.4	14.9	1.59	19.0	2.09	22.2	2.49	25.3	2.93	27.7	3.33	28.1	3.35	28.7	3.38			
	10.0	14.9	1.67	19.0	2.20	22.2	2.62	25.3	3.18	26.8	3.40	27.2	3.41	27.7	3.44			
	12.2	14.9	1.70	19.0	2.25	22.2	2.70	25.3	3.28	26.4	3.42	26.8	3.44	27.4	3.47			
	14.4	14.9	1.74	19.0	2.29	22.2	2.79	25.3	3.39	26.0	3.45	26.4	3.47	27.0	3.49			
	16.7	14.9	1.77	19.0	2.34	22.2	2.88	25.0	3.44	25.6	3.47	26.0	3.49	26.6	3.52			
	18.9	14.9	1.81	19.0	2.39	22.2	2.98	24.7	3.47	25.2	3.50	25.6	3.52	26.2	3.55			
	21.1	14.9	1.85	19.0	2.52	22.2	3.14	24.3	3.55	24.9	3.59	25.3	3.61	25.8	3.64			
	22.2	14.9	1.87	19.0	2.61	22.2	3.26	24.1	3.64	24.7	3.68	25.1	3.70	25.7	3.73			
	23.9	14.9	1.97	19.0	2.77	22.2	3.46	23.8	3.78	24.4	3.81	24.8	3.84	25.4	3.87			
	26.1	14.9	2.11	19.0	2.98	22.2	3.73	23.4	3.96	24.0	4.00	24.4	4.02	25.0	4.06			
	28.3	14.9	2.27	19.0	3.20	22.2	4.02	23.0	4.14	23.6	4.18	24.0	4.21	24.6	4.24			
	30.6	14.9	2.43	19.0	3.44	22.1	4.28	22.7	4.32	23.2	4.36	23.6	4.39	24.2	4.43			
	32.8	14.9	2.61	19.0	3.70	21.7	4.46	22.3	4.51	22.9	4.55	23.3	4.58	23.8	4.62			
	33.9	14.9	2.70	19.0	3.83	21.5	4.55	22.1	4.60	22.7	4.64	23.1	4.67	23.3	4.69			
	35.0	14.9	2.79	19.0	3.97	21.3	4.64	21.9	4.69	22.5	4.74	22.8	4.77	22.9	4.77			
	37.2	14.9	2.98	19.0	4.26	20.9	4.82	21.5	4.87	21.9	4.91	21.9	4.91	22.0	4.91			
	39.4	14.9	3.19	19.0	4.56	20.5	5.01	21.0	5.05	21.0	5.05	21.0	5.05	21.1	5.05			
	41.1	14.9	3.36	19.0	4.81	20.3	5.15	20.4	5.16	20.4	5.16	20.4	5.16	20.4	5.16			
43.3	14.9	3.60	19.0	5.17	19.5	5.30	19.5	5.30	19.5	5.30	19.5	5.30	19.5	5.30				
46.1	14.9	4.00	16.5	5.55	16.5	5.56	16.5	5.56	16.6	5.57	16.6	5.57	16.6	5.58				
47.8	14.4	4.74	14.4	4.75	14.4	4.76	14.5	4.76	14.5	4.77	14.5	4.77	14.6	4.78				
50.0	11.6	3.67	11.6	3.68	11.7	3.69	11.7	3.69	11.7	3.70	11.8	3.70	11.8	3.71				
110	-5.0	13.6	1.35	17.5	1.76	20.3	2.08	23.2	2.42	26.1	2.77	28.0	3.01	29.8	3.25			
	-1.1	13.6	1.39	17.5	1.81	20.3	2.15	23.2	2.50	26.1	2.87	28.0	3.15	29.1	3.29			
	4.4	13.6	1.45	17.5	1.90	20.3	2.26	23.2	2.63	26.1	3.06	27.6	3.33	28.2	3.35			
	10.0	13.6	1.52	17.5	1.99	20.3	2.37	23.2	2.79	26.1	3.32	26.7	3.39	27.2	3.42			
	12.2	13.6	1.55	17.5	2.03	20.3	2.42	23.2	2.88	25.9	3.40	26.3	3.42	26.8	3.44			
	14.4	13.6	1.58	17.5	2.08	20.3	2.47	23.2	2.98	25.6	3.42	25.9	3.44	26.5	3.47			
	16.7	13.6	1.61	17.5	2.12	20.3	2.54	23.2	3.08	25.2	3.45	25.5	3.47	26.1	3.49			
	18.9	13.6	1.65	17.5	2.17	20.3	2.63	23.2	3.19	24.8	3.47	25.2	3.49	25.7	3.52			
	21.1	13.6	1.68	17.5	2.23	20.3	2.76	23.2	3.36	24.4	3.56	24.8	3.58	25.3	3.61			
	22.2	13.6	1.70	17.5	2.31	20.3	2.87	23.2	3.49	24.2	3.65	24.6	3.67	25.1	3.70			
	23.9	13.6	1.76	17.5	2.45	20.3	3.04	23.2	3.70	23.9	3.79	24.3	3.81	24.8	3.84			
	26.1	13.6	1.89	17.5	2.63	20.3	3.28	23.0	3.93	23.6	3.97	23.9	3.99	24.5	4.02			
	28.3	13.6	2.02	17.5	2.83	20.3	3.53	22.6	4.11	23.2	4.15	23.5	4.17	24.1	4.21			
	30.6	13.6	2.17	17.5	3.04	20.3	3.79	22.3	4.29	22.8	4.33	23.2	4.36	23.7	4.40			
	32.8	13.6	2.32	17.5	3.26	20.3	4.07	21.9	4.48	22.4	4.52	22.8	4.54	23.3	4.58			
	33.9	13.6	2.40	17.5	3.38	20.3	4.22	21.7	4.57	22.2	4.61	22.6	4.64	23.1	4.68			
	35.0	13.6	2.48	17.5	3.50	20.3	4.38	21.5	4.66	22.0	4.70	22.4	4.73	22.9	4.77			
	37.2	13.6	2.65	17.5	3.75	20.3	4.70	21.1	4.84	21.7	4.89	21.9	4.91	22.0	4.91			
	39.4	13.6	2.83	17.5	4.01	20.2	4.98	20.7	5.02	21.0	5.05	21.0	5.05	21.1	5.05			
	41.1	13.6	2.98	17.5	4.23	19.9	5.11	20.4	5.16	20.4	5.16	20.4	5.16	20.4	5.16			
43.3	13.6	3.																

RXLQ96TBTJA / TBYDA / TBYCA Cooling Capacity for Standard Condition (Te: 6°C)

Combination	Outdoor air temp.	Indoor air temp. °CWB												Combination	Outdoor air temp.	Indoor air temp. °CWB														
		13.9		16.1		17.8		19.4		21.1		22.2				23.9		13.9		16.1		17.8		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	kW		kW		kW		kW		kW		kW		kW		kW		kW		kW		kW		kW		kW				
130	-5.0	21.5	2.17	27.5	2.86	32.0	3.40	36.6	3.97	39.7	4.38	40.3	4.41	41.1	4.44	14.9	1.50	19.0	1.92	22.2	2.25	25.3	2.60	28.5	2.97	30.6	3.22	33.7	3.61	
	-1.1	21.5	2.24	27.5	2.95	32.0	3.52	36.6	4.12	38.8	4.44	39.4	4.47	40.2	4.50	14.9	1.54	19.0	1.97	22.2	2.32	25.3	2.69	28.5	3.07	30.6	3.33	33.7	3.73	
	4.4	21.5	2.34	27.5	3.10	32.0	3.69	36.6	4.46	37.6	4.53	38.1	4.55	39.0	4.59	14.9	1.60	19.0	2.06	22.2	2.43	25.3	2.82	28.5	3.22	30.6	3.49	33.7	3.94	
	10.0	21.5	2.46	27.5	3.25	32.0	3.96	35.4	4.57	36.3	4.61	36.8	4.64	37.7	4.68	10.0	1.67	19.0	2.16	22.2	2.55	25.3	2.96	28.5	3.38	30.6	3.70	33.7	4.27	
	12.2	21.5	2.51	27.5	3.32	32.0	4.10	34.9	4.60	35.8	4.65	36.3	4.67	37.2	4.71	12.2	1.70	19.0	2.20	22.2	2.60	25.3	3.02	28.5	3.46	30.6	3.82	33.7	4.42	
	14.4	21.5	2.56	27.5	3.39	32.0	4.23	34.4	4.64	35.3	4.68	35.8	4.71	36.7	4.75	14.4	1.73	19.0	2.24	22.2	2.66	25.3	3.08	28.5	3.56	30.6	3.95	33.7	4.57	
	16.7	21.5	2.61	27.5	3.50	32.0	4.38	33.9	4.67	34.8	4.72	35.3	4.74	36.2	4.79	16.7	1.77	19.0	2.29	22.2	2.71	25.3	3.15	28.5	3.68	30.6	4.08	33.4	4.65	
	18.9	21.5	2.67	27.5	3.62	32.0	4.53	33.4	4.71	34.2	4.75	34.8	4.78	35.7	4.83	18.9	1.80	19.0	2.34	22.2	2.77	25.3	3.22	28.5	3.80	30.6	4.22	32.9	4.68	
	21.1	21.5	2.73	27.5	3.81	32.0	4.78	32.9	4.83	33.7	4.87	34.3	4.90	35.2	4.95	21.1	1.84	19.0	2.39	22.2	2.83	25.3	3.38	28.5	4.00	30.6	4.45	32.4	4.80	
	22.2	21.5	2.80	27.5	3.96	31.8	4.90	32.6	4.95	33.5	5.00	34.1	5.03	34.9	5.07	22.2	1.85	19.0	2.41	22.2	2.92	25.3	3.51	28.5	4.16	30.6	4.63	32.1	4.92	
	23.9	21.5	2.95	27.5	4.19	31.4	5.08	32.3	5.13	33.1	5.18	33.7	5.21	34.5	5.26	23.9	1.88	19.0	2.52	22.2	3.09	25.3	3.72	28.5	4.41	30.6	4.90	31.7	5.10	
	26.1	21.5	3.18	27.5	4.52	30.9	5.32	31.7	5.38	32.6	5.43	33.2	5.47	34.0	5.52	26.1	1.99	19.0	2.71	22.2	3.32	25.3	4.01	28.5	4.75	30.6	5.29	31.2	5.34	
	28.3	21.5	3.41	27.5	4.86	30.4	5.57	31.2	5.62	32.1	5.68	32.7	5.72	33.5	5.78	28.3	2.13	19.0	2.91	22.2	3.57	25.3	4.31	28.5	5.12	30.1	5.55	30.7	5.89	
	30.6	21.5	3.66	27.5	5.23	29.9	5.81	30.7	5.87	31.6	5.93	32.1	5.97	33.0	6.03	30.6	2.19	19.0	3.11	22.2	3.83	25.3	4.63	28.5	5.50	29.6	5.79	30.2	6.53	
	32.8	21.5	3.93	27.5	5.62	29.4	6.06	30.2	6.12	31.1	6.19	31.6	6.23	32.3	6.28	32.8	2.15	19.0	3.33	22.2	4.11	25.3	4.97	28.5	5.92	29.1	6.04	29.7	6.08	
	33.9	21.5	4.06	27.5	5.82	29.1	6.18	30.0	6.25	30.8	6.31	31.4	6.36	31.7	6.38	33.9	2.15	19.0	3.45	22.2	4.26	25.3	5.15	28.5	6.13	28.8	6.16	29.4	6.20	
	35.0	21.5	4.21	27.5	6.04	28.9	6.30	29.7	6.37	30.6	6.44	31.1	6.48	31.1	6.48	35.0	2.15	19.0	3.57	22.2	4.41	25.3	5.33	28.2	6.25	28.6	6.28	29.2	6.33	
37.2	21.5	4.50	27.5	6.48	28.4	6.55	29.2	6.62	29.8	6.68	29.8	6.68	29.8	6.68	37.2	2.15	19.0	3.82	22.2	4.72	25.3	5.72	27.7	6.49	28.1	6.53	28.7	6.58		
39.4	21.5	4.82	27.0	6.72	27.8	6.80	28.6	6.87	28.6	6.87	28.6	6.87	28.6	6.87	39.4	2.15	19.0	4.08	22.2	5.05	25.3	6.14	27.2	6.74	27.6	6.78	28.2	6.83		
41.1	21.5	5.14	26.6	7.00	27.5	7.08	27.6	7.10	27.6	7.10	27.6	7.10	27.7	7.10	41.1	2.15	19.0	4.35	22.2	5.39	25.3	6.55	26.8	7.02	27.2	7.06	27.7	7.10		
43.3	21.5	5.61	26.1	7.39	26.4	7.42	26.4	7.42	26.4	7.42	26.4	7.42	26.4	7.42	43.3	2.15	19.0	4.74	22.2	5.88	25.3	7.16	26.3	7.41	26.4	7.42	26.4	7.42		
46.1	21.5	6.24	24.0	7.84	24.0	7.84	24.1	7.85	24.1	7.86	24.1	7.87	24.1	7.87	46.1	2.15	19.0	5.26	22.2	6.55	24.1	7.85	24.1	7.86	24.1	7.87	24.2	7.87		
47.8	21.0	6.41	21.0	6.43	21.1	6.43	21.1	6.44	21.2	6.45	21.2	6.46	21.2	6.46	47.8	2.10	19.0	5.60	21.1	6.43	21.1	6.44	21.2	6.45	21.2	6.46	21.2	6.46		
50.0	17.0	4.53	17.1	4.54	17.1	4.55	17.2	4.56	17.2	4.57	17.3	4.58	17.3	4.58	50.0	17.0	4.33	17.1	4.54	17.1	4.55	17.2	4.56	17.2	4.57	17.3	4.58	17.3	4.58	
120	-5.0	19.8	2.00	25.4	2.61	29.6	3.11	33.8	3.62	37.9	4.14	39.6	4.38	40.4	4.41	-5.0	13.2	1.35	16.9	1.70	19.9	2.19	25.9	2.53	26.0	2.72	2.82	29.9	3.15	
	-1.1	19.8	2.06	25.4	2.70	29.6	3.21	33.8	3.74	37.9	4.36	38.8	4.44	39.5	4.47	-1.1	13.2	1.38	16.9	1.75	19.7	2.05	22.5	2.36	25.3	2.69	27.2	2.91	29.9	3.25
	4.4	19.8	2.15	25.4	2.83	29.6	3.37	33.8	3.96	37.0	4.50	37.5	4.52	38.3	4.56	4.4	13.2	1.44	16.9	1.82	19.7	2.14	22.5	2.47	25.3	2.81	27.2	3.05	29.9	3.41
	10.0	19.8	2.25	25.4	2.97	29.6	3.54	33.8	4.29	35.7	4.58	36.2	4.61	37.0	4.64	10.0	13.2	1.49	16.9	1.91	19.7	2.24	22.5	2.59	25.3	2.96	27.2	3.21	29.9	3.59
	12.2	19.8	2.30	25.4	3.03	29.6	3.64	33.8	4.43	35.2	4.62	35.7	4.64	36.5	4.68	12.2	13.2	1.52	16.9	1.94	19.7	2.28	22.5	2.64	25.3	3.02	27.2	3.27	29.9	3.71
	14.4	19.8	2.34	25.4	3.09	29.6	3.76	33.8	4.58	34.7	4.65	35.2	4.68	36.0	4.72	14.4	13.2	1.55	16.9	1.98	19.7	2.33	22.5	2.70	25.3	3.08	27.2	3.34	29.9	3.83
	16.7	19.8	2.39	25.4	3.16	29.6	3.89	33.4	4.65	34.2	4.69	34.7	4.71	35.5	4.75	16.7	13.2	1.57	16.9	2.02	19.7	2.38	22.5	2.76	25.3	3.15	27.2	3.44	29.9	3.96
	18.9	19.8	2.44	25.4	3.23	29.6	4.02	32.9	4.68	33.7	4.72	34.2	4.73	35.0	4.79	18.9	13.2	1.60	16.9	2.06	19.7	2.43	22.5	2.82	25.3	3.22	27.2	3.55	29.9	4.10
	21.1	19.8	2.49	25.4	3.40	29.6	4.24	32.4	4.80	33.1	4.84	33.7	4.87	34.5	4.91	21.1	13.2	1.63	16.9	2.10	19.7	2.48	22.5	2.88	25.3	3.38	27.2	3.74	29.9	4.32
	22.2	19.8	2.52	25.4	3.53	29.6	4.41	32.1	4.92	32.9	4.96	33.4	4.99	34.2	5.04	22.2	13.2	1.65	16.9	2.12	19.7	2.51	22.5	2.98	25.3	3.51	27.2	3.89	29.9	4.49
	23.9	19.8	2.66	25.4	3.73	29.6	4.67	31.7	5.10	32.5	5.15	33.0	5.18	33.8	5.22	23.9	13.2	1.67	16.9	2.17	19.7	2.64	22.5	3.15	25.3	3.71	27.2	4.11	29.9	4.75
	26.1	19.8	2.85	25.4	4.02	29.6	5.03	31.2	5.34	32.0	5.39	32.5	5.43	33.3	5.48	26.1	13.2	1.74	16.9	2.33	19.7	2.84	22.5	3.39	25.3	4.00	27.2	4.43	29.9	5.13
	28.3	19.8	3.06	25.4	4.33	29.6	5.42	30.7	5.59	31.5	5.64	32.0	5.68	32.8	5.73	28.3	13.2	1.86	16.9	2.50	19.7	3.04	22.5	3.64	25.3	4.30	27.2	4.77	29.9	5.52
	30.6	19.8	3.28	25.4	4.65	29.4	5.78	30.2	5.83	31.0	5.89	31.5	5.93	32.3	5.98	30.6	13.2	1.98	16.9	2.67	19.7	3.26	22.5	3.91	25.3	4.62	27.2	5.13	29.5	5.78
	32.8	19.8	3.52	25.4	4.99	28.9	6.02	29.7	6.08	30.5	6.14	31.0	6.18	31.8	6.24</															

RXLQ120TBTJA / TBYDA / TBYCA Cooling Capacity for Standard Condition (Te: 6°C)

Combination	Outdoor air temp.	Indoor air temp. °CWB															
		13.9		16.1		17.8		19.4		21.1		22.2		23.9			
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI		
%	°CDB	KW	KW	KW	KW	KW	KW	KW	KW	KW	KW	KW	KW	KW	KW	KW	
130	-5.0	26.6	2.98	34.1	3.92	39.7	4.67	45.3	5.45	49.2	6.02	49.9	6.05	51.0	6.09		
	-1.1	26.6	3.07	34.1	4.05	39.7	4.83	45.3	5.66	48.5	6.18	49.2	6.21	50.3	6.26		
	4.4	26.6	3.22	34.1	4.25	39.7	5.06	45.3	6.12	46.9	6.30	47.7	6.33	48.7	6.39		
	10.0	26.6	3.37	34.1	4.46	39.7	5.44	44.3	6.36	45.4	6.42	46.1	6.45	47.1	6.51		
	12.2	26.6	3.44	34.1	4.56	39.7	5.62	43.7	6.41	44.7	6.46	45.4	6.50	46.5	6.56		
	14.4	26.6	3.51	34.1	4.66	39.7	5.81	43.0	6.46	44.1	6.51	44.8	6.55	45.9	6.61		
	16.7	26.6	3.58	34.1	4.80	39.7	6.01	42.4	6.50	43.4	6.56	44.2	6.60	45.2	6.66		
	18.9	26.6	3.66	34.1	4.97	39.7	6.22	41.8	6.55	42.8	6.61	43.5	6.65	44.6	6.71		
	21.1	26.6	3.74	34.1	5.23	39.7	6.56	41.1	6.72	42.2	6.78	42.9	6.82	43.9	6.89		
	22.2	26.6	3.84	34.1	5.43	39.7	6.72	40.8	6.89	41.9	6.95	42.6	7.00	43.6	7.06		
	23.9	26.6	4.05	34.1	5.75	39.3	7.07	40.3	7.14	41.4	7.21	42.1	7.26	43.1	7.33		
	26.1	26.6	4.36	34.1	6.20	38.6	7.41	39.7	7.48	40.7	7.56	41.5	7.61	42.5	7.68		
	28.3	26.6	4.68	34.1	6.67	38.0	7.75	39.0	7.83	40.1	7.91	40.9	7.96	41.9	8.04		
	30.6	26.6	5.02	34.1	7.18	37.4	8.09	38.4	8.17	39.5	8.26	40.2	8.31	41.2	8.40		
	32.8	26.6	5.39	34.1	7.71	36.7	8.43	37.8	8.52	38.8	8.61	39.5	8.67	40.1	8.71		
	33.9	26.6	5.58	34.1	7.99	36.4	8.60	37.5	8.69	38.5	8.78	39.2	8.85	39.3	8.85		
	35.0	26.6	5.77	34.1	8.28	36.1	8.77	37.1	8.87	38.2	8.96	38.5	8.99	38.5	8.99		
	37.2	26.6	6.18	34.1	8.89	35.4	9.12	36.5	9.22	36.9	9.26	37.0	9.26	37.0	9.26		
	39.4	26.6	6.62	33.8	9.36	34.8	9.46	35.4	9.52	35.4	9.52	35.4	9.52	35.4	9.52		
	41.1	26.6	7.06	33.3	9.74	34.2	9.84	34.2	9.85	34.2	9.85	34.2	9.85	34.2	9.85		
43.3	26.6	7.70	32.6	10.3	32.6	10.3	32.7	10.3	32.7	10.3	32.7	10.3	32.7	10.3			
46.1	26.6	8.56	28.2	10.4	28.3	10.4	28.3	10.4	28.4	10.4	28.4	10.4	28.5	10.4			
47.8	24.4	8.77	24.5	8.79	24.6	8.80	24.6	8.81	24.7	8.83	24.7	8.83	24.8	8.84			
50.0	19.5	6.65	19.6	6.67	19.6	6.68	19.7	6.69	19.8	6.70	19.8	6.71	19.9	6.72			
120	-5.0	24.6	2.74	31.5	3.58	36.7	4.26	41.9	4.96	47.0	5.68	49.1	6.01	50.1	6.05		
	-1.1	24.6	2.82	31.5	3.70	36.7	4.40	41.9	5.13	47.0	5.98	48.8	6.18	49.4	6.22		
	4.4	24.6	2.95	31.5	3.88	36.7	4.62	41.9	5.43	46.2	6.26	46.9	6.29	47.8	6.34		
	10.0	24.6	3.09	31.5	4.07	36.7	4.86	41.9	5.88	44.6	6.38	45.3	6.41	46.2	6.46		
	12.2	24.6	3.15	31.5	4.16	36.7	5.00	41.9	6.08	44.0	6.43	44.6	6.46	45.6	6.51		
	14.4	24.6	3.21	31.5	4.25	36.7	5.16	41.9	6.29	43.3	6.47	44.0	6.51	45.0	6.56		
	16.7	24.6	3.28	31.5	4.34	36.7	5.34	41.7	6.47	42.7	6.52	43.4	6.56	44.3	6.61		
	18.9	24.6	3.35	31.5	4.43	36.7	5.52	41.1	6.51	42.1	6.57	42.7	6.61	43.7	6.66		
	21.1	24.6	3.42	31.5	4.66	36.7	5.82	40.5	6.68	41.4	6.73	42.1	6.77	43.1	6.83		
	22.2	24.6	3.46	31.5	4.84	36.7	6.05	40.1	6.84	41.1	6.91	41.8	6.95	42.8	7.01		
	23.9	24.6	3.64	31.5	5.12	36.7	6.40	39.7	7.10	40.6	7.16	41.3	7.20	42.3	7.27		
	26.1	24.6	3.91	31.5	5.52	36.7	6.90	39.0	7.44	40.0	7.51	40.7	7.55	41.6	7.62		
	28.3	24.6	4.20	31.5	5.93	36.7	7.44	38.4	7.78	39.4	7.85	40.0	7.90	41.0	7.97		
	30.6	24.6	4.50	31.5	6.38	36.7	7.93	37.8	8.12	38.2	8.20	39.4	8.25	40.4	8.33		
	32.8	24.6	4.83	31.5	6.85	36.1	8.38	37.1	8.46	38.1	8.55	38.8	8.60	39.7	8.68		
	33.9	24.6	4.99	31.5	7.10	35.8	8.55	36.8	8.64	37.8	8.72	38.4	8.78	39.3	8.85		
	35.0	24.6	5.17	31.5	7.35	35.5	8.75	36.5	8.81	37.5	8.90	38.1	8.95	38.5	8.99		
	37.2	24.6	5.53	31.5	7.88	34.9	9.06	35.8	9.16	36.8	9.25	37.0	9.26	37.0	9.26		
	39.4	24.6	5.91	31.5	8.45	34.2	9.41	35.2	9.50	35.4	9.52	35.4	9.52	35.4	9.52		
	41.1	24.6	6.30	31.5	9.03	33.8	9.80	34.2	9.85	34.2	9.85	34.2	9.85	34.2	9.85		
43.3	24.6	6.87	31.5	9.86	32.6	10.3	32.7	10.3	32.7	10.3	32.7	10.3	32.7	10.3			
46.1	24.6	7.63	28.2	10.4	28.3	10.4	28.3	10.4	28.4	10.4	28.4	10.4	28.5	10.4			
47.8	24.4	8.77	24.5	8.79	24.6	8.80	24.6	8.81	24.7	8.83	24.7	8.83	24.8	8.84			
50.0	19.5	6.65	19.6	6.67	19.6	6.68	19.7	6.69	19.8	6.70	19.8	6.71	19.9	6.72			
110	-5.0	22.5	2.50	28.9	3.26	33.6	3.98	38.4	4.49	43.1	5.14	46.3	5.58	49.2	6.02		
	-1.1	22.5	2.58	28.9	3.36	33.6	3.98	38.4	4.64	43.1	5.31	46.3	5.84	48.5	6.18		
	4.4	22.5	2.69	28.9	3.52	33.6	4.18	38.4	4.87	43.1	5.67	46.1	6.25	47.0	6.30		
	10.0	22.5	2.82	28.9	3.69	33.6	4.39	38.4	5.17	43.1	6.15	44.5	6.37	45.4	6.42		
	12.2	22.5	2.87	28.9	3.77	33.6	4.48	38.4	5.34	43.1	6.30	43.8	6.42	44.7	6.47		
	14.4	22.5	2.93	28.9	3.85	33.6	4.58	38.4	5.52	42.6	6.43	43.2	6.46	44.1	6.51		
	16.7	22.5	2.98	28.9	3.93	33.6	4.70	38.4	5.71	42.0	6.48	42.6	6.51	43.5	6.56		
	18.9	22.5	3.05	28.9	4.01	33.6	4.86	38.4	5.91	41.3	6.53	41.9	6.56	42.8	6.61		
	21.1	22.5	3.11	28.9	4.13	33.6	5.12	38.4	6.22	40.7	6.69	41.3	6.73	42.2	6.78		
	22.2	22.5	3.14	28.9	4.28	33.6	5.32	38.4	6.47	40.4	6.86	41.0	6.90	41.9	6.95		
	23.9	22.5	3.26	28.9	4.53	33.6	5.63	38.4	6.85	39.9	7.11	40.5	7.15	41.4	7.21		
	26.1	22.5	3.49	28.9	4.88	33.6	6.07	38.4	7.29	39.3	7.45	39.9	7.50	40.8	7.56		
	28.3	22.5	3.75	28.9	5.24	33.6	6.53	37.7	7.73	38.6	7.79	39.2	7.84	40.1	7.91		
	30.6	22.5	4.01	28.9	5.63	33.6	7.02	37.1	8.07	38.0	8.14	38.6	8.19	39.5	8.26		
	32.8	22.5	4.30	28.9	6.04	33.6	7.55	36.5	8.41	37.4	8.48	38.0	8.53	38.9	8.61		
	33.9	22.5	4.40	28.9	6.25	33.6	7.82	36.1	8.58	37.0	8.66	37.6	8.71	38.5	8.79		
	35.0	22.5	4.60	28.9	6.47	33.6	8.10	35.8	8.75	36.7	8.83	37.3	8.88	38.2	8.96		
	37.2	22.5	4.91	28.9	6.94	33.6	8.72	35.2	9.09	36.1	9.18	36.7	9.24	37.0	9.26		
	39.4	22.5	5.25	28.9	7.43	33.6	9.20	34.6	9.44	35.4	9.52	35.4	9.52	35.4	9.52		
	41.1	22.5	5.59	28.9	7.93	33.2	9.73	34.1	9.83	34.2	9.85	34.2	9.85	34.2	9.85		
43.3	22.5	6.09	28.9	8.66	32.5	10.3	32.7	10.3	32.7	10.3	32.7	10.3	32.7	10.3			
46.1	22.5	6.76	28.2	10.4	28.3	10.4	28.3	10.4	28.4	10.4	28.4	10.4	28.5	10.4			
47.8	22.5	7.19	24.5	8.79	24.6	8.80	24.6	8									

RXLQ144TBTJA / TBYDA / TBYCA Cooling Capacity for Standard Condition (Te: 6°C)

Main data table with columns for Combination, Outdoor air temp., Indoor air temp. °CWB, and Capacity (TC, PI) for various indoor air temperatures (13.9, 16.1, 17.8, 19.4, 21.1, 22.2, 23.9) and outdoor air temperatures (-5.0 to 50.0).

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.

RXLQ192TBTJA / TBYDA / TBYCA Cooling Capacity for Standard Condition (Te: 6°C)

Combination	Outdoor air temp.	Indoor air temp. °CWB														Combination	Outdoor air temp.	Indoor air temp. °CWB													
		13.9		16.1		17.8		19.4		21.1		22.2		23.9				13.9		16.1		17.8		19.4		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	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	KW				
130	-5.0	42.9	4.71	55.0	6.20	64.1	7.38	73.2	8.60	79.4	9.50	80.6	9.56	82.3	9.63																
	-1.1	42.9	4.86	55.0	6.40	64.1	7.63	73.2	8.94	77.7	9.63	78.8	9.68	80.5	9.76																
	4.4	42.9	5.08	55.0	6.71	64.1	8.00	73.2	9.67	75.1	9.81	76.2	9.86	77.9	9.95																
	10.0	42.9	5.33	55.0	7.05	64.1	8.59	70.9	9.91	72.6	10.00	73.7	10.1	75.4	10.1																
	12.2	42.9	5.44	55.0	7.20	64.1	8.88	69.9	9.98	71.5	10.1	72.7	10.1	74.4	10.2																
	14.4	42.9	5.55	55.0	7.36	64.1	9.18	68.8	10.1	70.5	10.1	71.7	10.2	73.4	10.3																
	16.7	42.9	5.66	55.0	7.59	64.1	9.50	67.8	10.1	69.5	10.2	70.6	10.3	72.3	10.4																
	18.9	42.9	5.79	55.0	7.85	64.1	9.83	66.8	10.2	68.5	10.3	69.6	10.4	71.3	10.5																
	21.1	42.9	5.91	55.0	8.26	64.1	10.4	65.8	10.5	67.5	10.6	68.6	10.6	70.3	10.7																
	22.2	42.9	6.06	55.0	8.58	63.6	10.6	65.3	10.7	67.0	10.8	68.1	10.9	69.8	11.0																
	23.9	42.9	6.41	55.0	9.09	62.8	11.0	64.5	11.1	66.2	11.2	67.3	11.3	69.0	11.4																
	26.1	42.9	6.89	55.0	9.79	61.8	11.5	63.5	11.7	65.2	11.8	66.3	11.8	68.0	12.0																
	28.3	42.9	7.40	55.0	10.5	60.8	12.1	62.5	12.2	64.2	12.3	65.3	12.4	67.0	12.5																
	30.6	42.9	7.94	55.0	11.3	59.8	12.6	61.5	12.7	63.2	12.9	64.3	12.9	66.0	13.1																
	32.8	42.9	8.51	55.0	12.2	58.7	13.1	60.4	13.3	62.1	13.4	63.3	13.5	64.1	13.6																
	33.9	42.9	8.81	55.0	12.6	58.2	13.4	59.9	13.5	61.6	13.7	62.8	13.8	62.9	13.8																
	35.0	42.9	9.12	55.0	13.1	57.7	13.7	59.4	13.8	61.1	14.0	61.6	14.0	61.6	14.0																
	37.2	42.9	9.76	55.0	14.0	56.7	14.2	58.4	14.4	59.1	14.4	59.1	14.4	59.1	14.4																
	39.4	42.9	10.5	54.0	14.6	55.7	14.7	56.6	14.8	56.6	14.8	56.6	14.8	56.7	14.8																
	41.1	42.9	11.1	53.2	15.2	54.7	15.3	54.7	15.3	54.8	15.3	54.8	15.3	54.8	15.3																
43.3	42.9	12.2	52.2	16.0	52.2	16.0	52.2	16.0	52.3	16.0	52.3	16.0	52.3	16.0																	
46.1	42.9	13.5	45.1	17.0	45.2	17.0	45.3	17.0	45.4	17.0	45.5	17.1	45.6	17.1																	
47.8	39.1	13.9	39.2	13.9	39.3	13.9	39.4	14.0	39.5	14.0	39.6	14.0	39.7	14.0																	
50.0	31.2	9.83	31.3	9.85	31.4	9.87	31.5	9.89	31.6	9.91	31.7	9.92	31.8	9.94																	
120	-5.0	39.6	4.33	50.8	5.66	59.2	6.73	67.5	7.84	75.9	8.98	79.3	9.50	80.9	9.57																
	-1.1	39.6	4.46	50.8	5.84	59.2	6.95	67.5	8.10	75.9	9.45	77.5	9.62	79.1	9.69																
	4.4	39.6	4.66	50.8	6.13	59.2	7.25	65.7	8.58	73.9	9.75	75.0	9.80	76.5	9.88																
	10.0	39.6	4.88	50.8	6.44	59.2	7.67	67.5	9.29	71.4	9.94	72.4	9.99	74.0	10.1																
	12.2	39.6	4.98	50.8	6.57	59.2	7.90	67.5	9.60	70.4	10.0	71.4	10.1	73.0	10.1																
	14.4	39.6	5.08	50.8	6.71	59.2	8.16	67.5	9.93	69.3	10.1	70.4	10.1	72.0	10.2																
	16.7	39.6	5.18	50.8	6.85	59.2	8.43	66.8	10.1	68.3	10.2	69.4	10.2	70.9	10.3																
	18.9	39.6	5.29	50.8	7.00	59.2	8.72	65.7	10.1	67.3	10.2	68.4	10.2	69.9	10.4																
	21.1	39.6	5.41	50.8	7.36	59.2	9.19	64.7	10.4	66.3	10.5	67.3	10.6	68.9	10.6																
	22.2	39.6	5.47	50.8	7.65	59.2	9.55	64.2	10.7	65.8	10.8	66.8	10.8	68.4	10.9																
	23.9	39.6	5.76	50.8	8.09	59.2	10.1	63.5	11.1	65.0	11.2	66.1	11.2	67.6	11.3																
	26.1	39.6	6.19	50.8	8.72	59.2	10.9	62.5	11.6	64.0	11.7	65.1	11.8	66.6	11.9																
	28.3	39.6	6.64	50.8	9.38	59.2	11.8	61.4	12.1	63.0	12.2	64.0	12.3	65.6	12.4																
	30.6	39.6	7.12	50.8	10.1	58.8	12.5	60.4	12.6	62.0	12.8	63.0	12.8	64.6	13.0																
	32.8	39.6	7.62	50.8	10.8	57.8	13.1	59.4	13.2	61.0	13.3	62.0	13.4	63.6	13.5																
	33.9	39.6	7.89	50.8	11.2	57.3	13.3	58.9	13.5	60.5	13.6	61.5	13.7	62.9	13.8																
	35.0	39.6	8.16	50.8	11.6	56.8	13.6	58.4	13.7	59.9	13.9	61.0	13.9	61.6	14.0																
	37.2	39.6	8.73	50.8	12.5	55.8	14.1	57.4	14.3	58.9	14.4	59.1	14.4	59.1	14.4																
	39.4	39.6	9.34	50.8	13.4	54.8	14.7	56.3	14.8	56.6	14.8	56.6	14.8	56.7	14.8																
	41.1	39.6	9.96	50.8	14.3	54.0	15.3	54.7	15.3	54.8	15.3	54.8	15.3	54.8	15.3																
43.3	39.6	10.9	50.8	15.6	52.2	16.0	52.2	16.0	52.3	16.0	52.3	16.0	52.3	16.0																	
46.1	39.6	12.1	45.1	17.0	45.2	17.0	45.3	17.0	45.4	17.0	45.5	17.1	45.6	17.1																	
47.8	39.1	13.9	39.2	13.9	39.3	13.9	39.4	14.0	39.5	14.0	39.6	14.0	39.7	14.0																	
50.0	31.2	9.83	31.3	9.85	31.4	9.87	31.5	9.89	31.6	9.91	31.7	9.92	31.8	9.94																	
110	-5.0	36.3	3.96	46.6	5.14	54.2	6.10	61.9	7.09	69.6	8.12	74.7	8.81	79.5	9.51																
	-1.1	36.3	4.07	46.6	5.31	54.2	6.29	61.9	7.33	69.6	8.39	74.7	9.22	77.7	9.63																
	4.4	36.3	4.25	46.6	5.56	54.2	6.60	61.9	7.69	69.6	8.96	73.7	9.74	75.1	9.81																
	10.0	36.3	4.45	46.6	5.83	54.2	6.94	61.9	8.17	69.6	9.72	71.2	9.92	72.6	10.00																
	12.2	36.3	4.53	46.6	5.95	54.2	7.08	61.9	8.44	69.2	9.95	70.1	10.00	71.6	10.1																
	14.4	36.3	4.62	46.6	6.08	54.2	7.23	61.9	8.72	68.2	10.0	69.1	10.1	70.6	10.1																
	16.7	36.3	4.72	46.6	6.21	54.2	7.43	61.9	9.02	67.1	10.1	68.1	10.1	69.5	10.2																
	18.9	36.3	4.81	46.6	6.34	54.2	7.68	61.9	9.33	66.1	10.2	67.1	10.2	68.5	10.3																
	21.1	36.3	4.92	46.6	6.52	54.2	8.09	61.9	9.83	65.1	10.4	66.1	10.5	67.5	10.6																
	22.2	36.3	4.97	46.6	6.77	54.2	8.41	61.9	10.2	64.6	10.7	65.6	10.7	67.0	10.8																
	23.9	36.3	5.14	46.6	7.16	54.2	8.90	61.9	10.8	63.8	11.1	64.8	11.1	66.2	11.2																
	26.1	36.3	5.52	46.6	7.70	54.2	9.59	61.4	11.5	62.8	11.6	63.8	11.7	65.2	11.8																
	28.3	36.3	5.92	46.6	8.28	54.2	10.3	60.4	12.0	61.8	12.1	62.8	12.2	64.2	12.3																
	30.6	36.3	6.34	46.6	8.89	54.2	11.1	59.4	12.6	6																					

RXLQ240TBTJA / TBYDA / TBYCA Cooling Capacity for Standard Condition (Te: 6°C)

Combination	Outdoor air temp.	Indoor air temp. °CWB																Combination	Outdoor air temp.	Indoor air temp. °CWB															
		13.9		16.1		17.8		19.4		21.1		22.2		23.9		13.9				16.1		17.8		19.4		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																	%	°CDB																
-5.0	53.2	6.51	68.2	8.56	79.4	10.2	90.7	11.9	98.5	13.1	99.9	13.2	102	13.3	-5.0	36.8	4.49	47.2	5.74	55.0	6.74	62.8	7.80	70.6	8.90	75.7	9.65	83.5	10.8						
-1.1	53.2	6.71	68.2	8.84	79.4	10.5	90.7	12.4	97.1	13.5	98.5	13.6	101	13.7	-1.1	36.8	4.62	47.2	5.91	55.0	6.95	62.8	8.05	70.6	9.19	75.7	9.97	83.5	11.2						
4.4	53.2	7.02	68.2	9.27	79.4	11.1	90.7	13.4	93.9	13.7	95.3	13.8	97.4	13.9	4.4	36.8	4.80	47.2	6.17	55.0	7.28	62.8	8.44	70.6	9.64	75.7	10.5	83.5	11.8						
10.0	53.2	7.36	68.2	9.75	79.4	11.9	88.6	13.9	90.7	14.0	92.1	14.1	94.2	14.2	10.0	36.8	5.01	47.2	6.47	55.0	7.64	62.8	8.87	70.6	10.1	75.7	11.1	83.5	12.8						
12.2	53.2	7.51	68.2	9.95	79.4	12.3	87.3	14.0	89.4	14.1	90.9	14.2	93.0	14.3	12.2	36.8	5.10	47.2	6.59	55.0	7.79	62.8	9.05	70.6	10.4	75.7	11.4	83.5	13.2						
14.4	53.2	7.66	68.2	10.2	79.4	12.7	86.0	14.1	88.2	14.2	89.6	14.3	91.7	14.4	14.4	36.8	5.19	47.2	6.72	55.0	7.95	62.8	9.24	70.6	10.7	75.7	11.8	83.5	13.7						
16.7	53.2	7.83	68.2	10.5	79.4	13.1	84.8	14.2	86.9	14.3	88.3	14.4	90.4	14.5	16.7	36.8	5.29	47.2	6.86	55.0	8.12	62.8	9.44	70.6	11.0	75.7	12.2	83.4	14.1						
18.9	53.2	7.99	68.2	10.8	79.4	13.6	83.5	14.3	85.6	14.4	87.0	14.5	89.2	14.7	18.9	36.8	5.39	47.2	7.00	55.0	8.30	62.8	9.65	70.6	11.4	75.7	12.6	82.2	14.2						
21.1	53.2	8.17	68.2	11.4	79.4	14.3	82.2	14.7	84.4	14.8	85.8	14.9	87.9	15.0	21.1	36.8	5.50	47.2	7.15	55.0	8.48	62.8	10.1	70.6	12.0	75.7	13.3	80.9	14.6						
22.2	53.2	8.37	68.2	11.9	79.4	14.7	81.6	15.0	83.7	15.2	85.1	15.3	87.3	15.4	22.2	36.8	5.55	47.2	7.23	55.0	8.76	62.8	10.5	70.6	12.5	75.7	13.9	80.2	14.9						
23.9	53.2	8.85	68.2	12.6	78.5	15.4	80.6	15.6	82.8	15.7	84.2	15.8	86.3	16.0	23.9	36.8	5.64	47.2	7.55	55.0	9.26	62.8	11.1	70.6	13.2	75.7	14.7	79.3	15.5						
26.1	53.2	9.52	68.2	13.5	77.2	16.2	79.4	16.3	81.5	16.5	82.9	16.6	85.0	16.8	26.1	36.8	5.96	47.2	8.11	55.0	9.96	62.8	12.0	70.6	14.2	75.7	15.8	78.6	17.0						
28.3	53.2	10.2	68.2	14.6	76.0	16.9	78.1	17.1	80.2	17.3	81.6	17.4	83.8	17.5	28.3	36.8	6.38	47.2	8.70	55.0	10.7	62.8	12.9	70.6	15.3	75.3	16.9	76.8	17.0						
30.6	53.2	11.0	68.2	15.7	74.7	17.7	76.8	17.8	78.9	18.0	80.4	18.1	82.5	18.3	30.6	36.8	6.81	47.2	9.33	55.0	11.5	62.8	13.9	70.6	16.5	74.0	17.6	75.5	17.7						
32.8	53.2	11.8	68.2	16.8	73.4	18.4	75.6	18.6	77.7	18.8	79.1	18.9	80.2	19.0	32.8	36.8	7.28	47.2	9.99	55.0	12.3	62.8	14.9	70.6	17.7	72.7	18.3	74.2	18.5						
33.9	53.2	12.2	68.2	17.4	72.8	18.8	74.9	19.0	77.0	19.2	78.5	19.3	78.6	19.3	33.9	36.8	7.52	47.2	10.3	55.0	12.7	62.8	15.4	70.6	18.4	72.1	18.7	73.6	18.8						
35.0	53.2	12.6	68.2	18.1	72.2	19.2	74.3	19.4	76.4	19.6	77.0	19.6	77.0	19.6	35.0	36.8	7.77	47.2	10.7	55.0	13.2	62.8	16.0	70.5	19.0	71.5	19.1	72.9	19.2						
37.2	53.2	13.5	68.2	19.4	70.9	19.9	73.0	20.1	73.9	20.2	73.9	20.2	73.9	20.2	37.2	36.8	8.28	47.2	11.4	55.0	14.1	62.8	17.1	69.2	19.7	70.2	19.8	71.7	20.0						
39.4	53.2	14.4	67.5	20.4	69.6	20.7	70.8	20.8	70.8	20.8	70.8	20.8	70.8	20.8	39.4	36.8	8.83	47.2	12.2	55.0	15.1	62.8	18.4	67.9	20.5	68.9	20.6	70.4	20.7						
41.1	53.2	15.4	66.5	21.3	68.4	21.5	68.4	21.5	68.4	21.5	68.5	21.5	68.5	21.5	41.1	36.8	9.39	47.2	13.0	55.0	16.2	62.8	19.6	67.0	21.3	68.0	21.4	68.5	21.5						
43.3	53.2	16.8	65.3	22.5	65.3	22.5	65.3	22.5	65.3	22.5	65.3	22.5	65.4	22.5	43.3	36.8	10.2	47.2	14.2	55.0	17.6	62.8	21.4	65.3	22.5	65.3	22.5	65.4	22.5						
46.1	53.2	18.7	64.2	22.7	65.5	22.7	66.6	22.7	66.6	22.7	66.6	22.7	66.6	22.8	46.1	36.8	11.3	47.2	15.8	55.0	19.6	56.6	22.7	56.8	22.7	56.8	22.8	57.0	22.8						
47.8	48.9	19.2	49.0	19.2	49.1	19.2	49.3	19.2	49.4	19.3	49.5	19.3	49.6	19.3	47.8	36.8	12.0	47.2	16.8	49.1	19.2	49.3	19.2	49.4	19.3	49.5	19.3	49.6	19.3						
50.0	39.0	14.5	39.2	14.6	39.3	14.6	39.4	14.6	39.5	14.6	39.6	14.6	39.7	14.7	50.0	36.8	13.0	39.2	14.6	39.3	14.6	39.4	14.6	39.5	14.6	39.6	14.6	39.7	14.7						

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.

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

1.2.1 Fahrenheit

RXLQ72TBTJA / TBYDA / TBYCA 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		-21.8	-22.0	49.8	6.13	49.6	6.65	49.4	7.12	49.3	7.58	49.1	8.05	48.9	8.79	-21.8	-22.0	48.8	9.45	48.6	10.2	48.5	10.8	48.4	11.1	48.3	11.5	48.1	12.0
		-17.1	-17.5	59.9	7.38	59.7	7.80	59.5	8.22	59.4	8.66	59.2	9.11	59.0	9.81	-17.1	-17.5	58.9	10.4	58.7	11.1	58.6	11.7	58.5	12.0	58.4	12.4	58.2	12.8
		-12.6	-13.0	70.0	8.25	69.8	8.61	69.6	8.98	69.5	9.41	69.3	9.85	69.1	10.5	-12.6	-13.0	69.0	11.1	68.8	11.8	68.7	12.3	68.6	12.6	68.5	13.0	68.3	13.7
		-9.0	-9.4	73.4	8.48	73.2	8.82	73.0	9.19	72.8	9.61	72.7	10.0	72.5	10.7	-9.0	-9.4	72.4	11.3	72.2	12.0	72.0	12.5	72.0	12.8	71.8	13.2	71.6	13.8
		-3.6	-4.0	78.5	8.79	78.2	9.11	78.1	9.46	77.9	9.88	77.8	10.3	77.6	11.0	-3.6	-4.0	77.4	11.5	77.3	12.2	76.1	12.5	72.9	11.4	69.6	10.6	64.7	9.38
		-1.8	-2.2	80.2	8.89	79.9	9.20	79.7	9.54	79.6	9.96	79.5	10.4	79.3	11.0	-1.8	-2.2	79.1	11.6	79.0	12.3	76.1	11.7	72.9	10.9	69.6	10.1	64.7	8.97
		5.5	5.0	87.0	9.23	86.7	9.52	86.5	9.84	86.4	10.3	86.3	10.7	86.1	11.3	5.5	5.0	85.9	11.9	81.0	10.9	76.1	9.83	72.9	9.15	69.6	8.51	64.7	7.59
		9.5	8.5	90.3	9.38	90.0	9.65	89.8	9.97	89.7	10.4	89.5	10.8	89.3	11.4	9.5	8.5	87.5	11.5	81.0	10.1	76.1	9.07	72.9	8.45	69.6	7.87	64.7	7.04
		13.0	12.0	93.5	9.51	93.3	9.78	93.1	10.1	93.0	10.5	92.8	10.9	92.6	11.6	13.0	12.0	87.5	10.6	81.0	9.28	76.1	8.39	72.9	7.83	69.6	7.30	64.7	6.55
		15.0	14.0	95.4	9.58	95.2	9.85	95.0	10.2	94.8	10.6	94.7	11.0	93.5	11.3	15.0	14.0	87.5	10.1	81.0	8.89	76.1	8.04	72.9	7.51	69.6	7.00	64.7	6.29
		17.0	15.5	96.8	9.64	96.6	9.89	96.4	10.2	96.3	10.6	96.1	11.0	93.5	10.9	17.0	15.5	87.5	9.77	81.0	8.60	76.1	7.79	72.9	7.28	69.6	6.79	64.7	6.11
		19.0	18.0	99.2	9.72	98.9	9.97	98.7	10.3	98.6	10.7	98.5	11.1	93.5	10.3	19.0	18.0	87.5	9.25	81.0	8.16	76.1	7.40	72.9	6.92	69.6	6.46	64.7	5.82
		22.0	20.0	101	9.79	101	10.0	101	10.3	100	10.7	100	11.2	93.5	9.90	22.0	20.0	87.5	8.87	81.0	7.83	76.1	7.10	72.9	6.65	69.6	6.22	64.7	5.61
		26.0	24.0	105	9.91	105	10.1	104	10.4	104	10.8	101	10.3	93.5	9.10	26.0	24.0	87.5	8.16	81.0	7.22	76.1	6.57	72.9	6.16	69.6	5.77	64.7	5.22
		30.0	28.0	109	10.0	108	10.3	108	10.5	105	10.2	101	10.4	93.5	8.39	30.0	28.0	87.5	7.53	81.0	6.68	76.1	6.09	72.9	5.72	69.6	5.36	64.7	4.86
		35.0	32.0	107	9.22	107	9.44	107	9.60	105	9.42	101	8.73	93.5	7.75	35.0	32.0	87.5	6.97	81.0	6.20	76.1	5.66	72.9	5.32	69.6	5.00	64.7	4.55
		39.0	36.0	104	8.10	103	8.31	103	8.28	103	8.39	101	8.07	93.5	7.17	39.0	36.0	87.5	6.47	81.0	5.76	76.1	5.27	72.9	4.97	69.6	4.67	64.7	4.26
		44.0	40.0	103	7.59	103	7.44	103	7.59	103	7.69	101	7.47	93.5	6.66	44.0	40.0	87.5	6.01	81.0	5.37	76.1	4.92	72.9	4.64	69.6	4.38	64.7	4.00
		47.0	43.0	106	7.19	106	7.38	105	7.52	105	7.61	101	7.07	93.5	6.31	47.0	43.0	87.5	5.71	81.0	5.11	76.1	4.69	72.9	4.43	69.6	4.14	64.7	3.83
		51.0	47.0	109	7.27	109	7.45	109	7.59	105	7.24	101	6.73	93.5	6.02	51.0	47.0	87.5	5.45	81.0	4.89	76.1	4.50	72.9	4.25	69.6	4.02	64.7	3.69
	54.0	50.0	112	7.32	111	7.50	110	7.49	105	6.98	101	6.53	93.5	5.82	54.0	50.0	87.5	5.28	81.0	4.74	76.1	4.37	72.9	4.14	69.6	3.91	64.7	3.60	
	57.0	53.0	114	7.37	114	7.55	110	7.22	105	6.74	101	6.28	93.5	5.63	57.0	53.0	87.5	5.12	81.0	4.60	76.1	4.25	72.9	4.03	69.6	3.81	64.7	3.52	
	60.0	56.0	116	7.42	116	7.60	110	6.98	105	6.51	101	6.07	93.5	5.45	60.0	56.0	87.5	4.96	81.0	4.47	76.1	4.14	72.9	3.92	69.6	3.72	64.7	3.44	
120		-21.8	-22.0	49.6	6.67	49.3	7.31	49.1	7.96	49.0	8.41	48.9	8.87	48.7	9.58	-21.8	-22.0	48.5	10.6	48.3	11.2	48.2	11.7	48.1	12.0	48.1	12.3	47.9	12.7
		-17.1	-17.5	59.7	7.82	59.4	8.40	59.3	9.02	59.1	9.45	59.0	9.88	58.8	10.6	-17.1	-17.5	58.6	11.5	58.4	12.1	58.3	12.6	58.2	12.8	58.2	13.1	57.6	13.2
		-12.6	-13.0	69.8	8.62	69.5	9.16	69.4	9.76	69.2	10.2	69.1	10.6	68.9	11.2	-12.6	-13.0	68.7	12.1	68.6	12.7	67.7	12.9	64.8	11.9	61.9	11.0	57.6	9.80
		-9.0	-9.4	73.2	8.84	72.9	9.36	72.7	9.96	72.6	10.4	72.5	10.8	72.3	11.4	-9.0	-9.4	72.1	12.3	71.9	12.9	67.7	11.6	64.8	10.8	61.9	10.0	57.6	8.91
		-3.6	-4.0	78.2	9.12	78.0	9.63	77.8	10.2	77.7	10.6	77.6	11.0	77.4	11.7	-3.6	-4.0	77.2	12.5	72.0	11.2	67.7	11.0	64.8	9.39	61.9	8.72	57.6	7.80
		-1.8	-2.2	79.9	9.21	79.7	9.72	79.5	10.3	79.4	10.7	79.3	11.1	79.1	11.7	-1.8	-2.2	77.8	12.2	72.0	10.7	67.7	9.64	64.8	8.98	61.9	8.35	57.6	7.47
		5.5	5.0	86.7	9.53	86.5	10.0	86.3	10.6	86.2	11.0	86.0	11.4	85.9	12.0	5.5	5.0	77.8	10.2	72.0	8.98	67.7	8.13	64.8	7.60	61.9	7.09	57.6	6.38
		9.5	8.5	90.0	9.66	89.7	10.1	89.6	10.7	89.4	11.1	89.3	11.5	86.3	11.2	9.5	8.5	77.8	9.40	72.0	8.29	67.7	7.53	64.8	7.05	61.9	6.59	57.6	5.95
		13.0	12.0	93.3	9.79	93.0	10.3	92.9	10.8	92.7	11.2	92.6	11.6	86.3	10.3	13.0	12.0	77.8	8.69	72.0	7.69	67.7	6.99	64.8	6.56	61.9	6.14	57.6	5.55
		15.0	14.0	95.2	9.85	94.9	10.3	94.7	10.9	94.6	11.3	92.8	11.2	86.3	9.87	15.0	14.0	77.8	8.32	72.0	7.37	67.7	6.71	64.8	6.30	61.9	5.90	57.6	5.35
		17.0	15.5	96.6	9.90	96.3	10.4	96.1	10.9	96.0	11.3	92.8	10.8	86.3	9.55	17.0	15.5	77.8	8.06	72.0	7.15	67.7	6.51	64.8	6.12	61.9	5.74	57.6	5.20
		19.0	18.0	98.9	9.98	98.7	10.4	98.5	11.0	97.2	11.0	92.8	10.2	86.3	9.05	19.0	18.0	77.8	7.65	72.0	6.80	67.7	6.20	64.8	5.83	61.9	5.47	57.6	4.97
		22.0	20.0	101	10.0	101	10.5	101	11.1	97.2	10.6	92.8	9.78	86.3	8.67	22.0	20.0	77.8	7.35	72.0	6.53	67.7	5.97	64.8	5.61	61.9	5.28	57.6	4.80
		26.0	24.0	105	10.2	104	10.6	102	10.5	97.2	9.71	92.8	8.99	86.3	7.98	26.0	24.0	77.8	6.79	72.0	6.05	67.7	5.54	64.8	5.22	61.9	4.92	57.6	4.49
		30.0	28.0	108	10.3	108	10.7	102	9.61	97.2	8.93	92.8	8.29	86.3	7.37	30.0	28.0	77.8	6.29	72.0	5.62	67.7	5.16	64.8	4.87	61.9	4.59	57.6	4.21
		35.0	32.0	107	9.45	107	9.65	102	8.86	97.2	8.24	92.8	7.66	86.3	6.83	35.0	32.0	77.8	5.84	72.0	5.23	67.7	4.82	64.8	4.55	61.9	4.30	57.6	3.95
		39.0	36.0	103	8.32	103	8.33	102	8.19	97.2	7.63	92.8	7.09	86.3	6.33														

RXLQ96TBTJA / TBYDA / TBYCA Heating Capacity for Standard Condition (Tc: 115°F)

Main data table with columns for Combination, Outdoor air temp., Indoor air temp. (61, 65, 68, 70, 72, 75), and Capacity (TC, PI) for various models (90, 80, 70, 100).

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.

1. Capacity Tables (Reference Data)

RXLQ144TBTJA / TBYDA / TBYCA 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	-21.8	-22.0	99.7	13.2	99.1	14.3	98.8	15.3	98.5	16.3	98.2	17.3	97.9	18.8	-21.8	-22.0	97.5	20.2	97.2	21.8	96.9	23.0	96.7	23.8	96.6	24.7	96.3	25.7	
	-17.1	-17.5	120	15.8	119	16.8	119	17.6	119	18.6	118	19.5	118	21.0	-17.1	-17.5	118	22.3	117	23.8	117	24.9	117	25.7	117	26.5	116	27.4	
	-12.6	-13.0	140	17.7	140	18.5	139	19.3	139	20.2	139	21.1	138	22.5	-12.6	-13.0	138	23.8	138	25.2	137	26.3	137	27.0	137	27.7	129	25.5	
	-9.0	-9.4	147	18.2	146	19.0	146	19.7	146	20.6	145	21.5	145	23.0	-9.0	-9.4	145	24.2	144	25.6	144	26.6	144	27.4	139	26.1	129	23.1	
	-3.6	-4.0	157	18.9	156	19.6	156	20.3	156	21.2	156	22.1	155	23.5	-3.6	-4.0	155	24.7	155	26.1	152	26.4	146	24.4	139	22.6	129	20.1	
	-1.8	-2.2	160	19.1	160	19.8	159	20.5	159	21.4	159	22.3	159	23.7	-1.8	-2.2	158	24.9	158	26.2	152	25.1	146	23.3	139	21.6	129	19.2	
	5.5	5.0	174	19.8	173	20.4	173	21.1	173	22.0	173	22.9	172	24.3	5.5	5.0	172	25.5	162	23.4	152	21.0	146	19.6	139	18.2	129	16.3	
	9.5	8.5	181	20.1	180	20.7	180	21.4	179	22.3	179	23.2	179	24.5	9.5	8.5	175	24.5	162	21.5	152	19.4	146	18.1	139	16.8	129	15.1	
	13.0	12.0	187	20.4	187	21.0	186	21.7	186	22.5	186	23.4	185	24.8	13.0	12.0	175	22.6	162	19.9	152	18.0	146	16.8	139	15.6	129	14.0	
	15.0	14.0	191	20.6	190	21.1	190	21.8	190	22.7	189	23.5	187	24.2	15.0	14.0	175	21.6	162	19.0	152	17.2	146	16.1	139	15.0	129	13.5	
	17.0	15.5	194	20.7	193	21.3	193	21.9	193	22.8	192	23.6	187	23.4	17.0	15.5	175	20.9	162	18.4	152	16.7	146	15.6	139	14.6	129	13.1	
	19.0	18.0	198	20.9	198	21.4	197	22.1	197	22.9	197	23.8	187	22.2	19.0	18.0	175	19.8	162	17.5	152	15.9	146	14.8	139	13.9	129	12.5	
22.0	20.0	202	21.0	202	21.5	201	22.2	201	23.0	201	23.9	187	21.2	22.0	20.0	175	19.0	162	16.8	152	15.2	146	14.3	139	13.3	129	12.0		
26.0	24.0	210	21.3	209	21.8	209	22.4	208	23.3	201	22.1	187	19.5	26.0	24.0	175	17.5	162	15.5	152	14.1	146	13.2	139	12.4	129	11.2		
30.0	28.0	217	21.5	217	22.0	216	22.6	211	22.0	201	20.3	187	18.0	30.0	28.0	175	16.2	162	14.3	152	13.1	146	12.3	139	11.5	129	10.4		
35.0	32.0	214	19.8	214	20.3	214	20.6	211	20.2	201	18.7	187	16.6	35.0	32.0	175	15.0	162	13.3	152	12.2	146	11.4	139	10.7	129	9.77		
39.0	36.0	207	17.4	207	17.9	207	17.8	206	18.0	201	17.3	187	15.4	39.0	36.0	175	13.9	162	12.4	152	11.3	146	10.7	139	10.0	129	9.16		
44.0	40.0	207	16.3	206	16.0	206	16.3	206	16.5	201	16.1	187	14.3	44.0	40.0	175	12.9	162	11.5	152	10.6	146	9.99	139	9.41	129	8.61		
47.0	43.0	212	15.5	211	15.9	211	16.2	211	16.4	201	15.2	187	13.6	47.0	43.0	175	12.3	162	11.0	152	10.1	146	9.52	139	8.99	129	8.24		
51.0	47.0	218	15.6	218	16.0	217	16.3	211	15.6	201	14.5	187	12.9	51.0	47.0	175	11.7	162	10.5	152	9.68	146	9.15	139	8.65	129	7.95		
54.0	50.0	223	15.7	223	16.1	220	16.1	211	15.0	201	14.0	187	12.5	54.0	50.0	175	11.4	162	10.2	152	9.40	146	8.90	139	8.22	129	7.75		
57.0	53.0	228	15.9	227	16.2	220	15.5	211	14.5	201	13.5	187	12.1	57.0	53.0	175	11.0	162	9.90	152	9.14	146	8.66	139	8.20	129	7.57		
60.0	56.0	233	16.0	232	16.3	220	15.0	211	14.0	201	13.1	187	11.5	60.0	56.0	175	10.7	162	9.63	152	8.90	146	8.44	139	8.00	129	7.39		
-21.8	-22.0	99.1	14.3	98.7	15.7	98.3	17.1	98.1	18.0	97.8	19.0	97.5	20.5	-21.8	-22.0	97.0	22.6	96.7	24.0	96.4	25.1	96.3	25.7	96.1	26.2	95.9	27.1		
-17.1	-17.5	119	16.8	119	18.0	119	19.3	118	20.2	118	21.2	118	22.6	-17.1	-17.5	117	24.5	117	25.9	117	26.9	116	27.4	116	27.9	115	28.1		
-12.6	-13.0	140	18.5	139	19.7	139	20.9	138	21.8	138	22.7	138	24.1	-12.6	-13.0	137	25.9	137	27.2	135	27.5	130	25.5	124	23.6	115	20.9		
-9.0	-9.4	146	19.0	146	20.1	145	21.4	145	22.2	145	23.1	145	24.5	-9.0	-9.4	144	26.3	144	27.6	135	24.8	130	23.1	124	21.4	115	19.0		
-3.6	-4.0	156	19.6	156	20.7	156	21.9	155	22.8	155	23.6	155	25.0	-3.6	-4.0	154	26.8	144	23.9	135	21.6	130	20.1	124	18.7	115	16.7		
-1.8	-2.2	160	19.8	159	20.9	159	22.1	159	22.9	159	23.8	158	25.1	-1.8	-2.2	156	26.1	144	22.8	135	20.6	130	19.2	124	17.9	115	16.0		
5.5	5.0	173	20.5	173	21.5	173	22.7	172	23.6	172	24.4	172	25.7	5.5	5.0	156	21.8	144	19.2	135	17.4	130	16.3	124	15.2	115	13.7		
9.5	8.5	180	20.8	179	21.8	179	23.0	179	23.8	179	24.7	173	24.0	9.5	8.5	156	20.1	144	17.8	135	16.1	130	15.1	124	14.1	115	12.7		
13.0	12.0	187	21.0	186	22.0	186	23.2	185	24.1	185	24.9	173	22.1	13.0	12.0	156	18.6	144	16.5	135	15.0	130	14.0	124	13.2	115	11.9		
15.0	14.0	190	21.2	190	22.2	189	23.4	189	24.2	186	23.9	173	21.2	15.0	14.0	156	17.8	144	15.8	135	14.4	130	13.5	124	12.6	115	11.5		
17.0	15.5	193	21.3	193	22.3	192	23.5	192	24.3	186	23.1	173	20.5	17.0	15.5	156	17.3	144	15.3	135	14.0	130	13.1	124	12.3	115	11.2		
19.0	18.0	198	21.4	197	22.4	197	23.6	194	23.7	186	21.9	173	19.4	19.0	18.0	156	16.4	144	14.6	135	13.3	130	12.5	124	11.7	115	10.7		
22.0	20.0	202	21.6	201	22.5	201	23.7	194	22.7	186	21.0	173	18.6	22.0	20.0	156	15.8	144	14.0	135	12.8	130	12.0	124	11.3	115	10.3		
26.0	24.0	209	21.8	209	22.8	203	22.4	194	20.8	186	19.3	173	17.1	26.0	24.0	156	14.6	144	13.0	135	11.9	130	11.2	124	10.5	115	9.63		
30.0	28.0	217	22.0	216	23.0	203	20.6	194	19.2	186	17.8	173	15.8	30.0	28.0	156	13.5	144	12.1	135	11.1	130	10.5	124	9.86	115	9.03		
35.0	32.0	214	20.3	213	20.7	203	19.0	194	17.7	186	16.4	173	14.7	35.0	32.0	156	12.5	144	11.2	135	10.3	130	9.78	124	9.24	115	8.48		
39.0	36.0	207	17.9	206	17.9	203	17.6	194	16.4	186	15.2	173	13.6	39.0	36.0	156	11.7	144	10.5	135	9.68	130	9.17	124	8.68	115	7.99		
44.0	40.0	206	16.0	206	16.4	203	16.3	194	15.2	186	14.1	173	12.7	44.0	40.0	156	10.9	144	9.83	135	9.08	130	8.61	124	8.17	115	7.54		
47.0	43.0	211	15.9	211	16.3	203	15.4	194	14.4	186	13.4	173	12.0	47.0	43.0	156	10.4	144	9.38	135	8.68	130	8.24	124	7.82	115	7.24		
51.0																													

RXLQ192TBTJA / TBYDA / TBYCA 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
%	(F DB)	(F WB)	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	-21.8	-22.0	133	17.0	132	18.4	132	19.6	131	20.8	131	21.9	130	23.7	-21.8	-22.0	130	25.3	130	27.0	129	28.4	129	29.3	129	30.2	128	31.4	
	-17.1	-17.5	160	20.4	159	21.6	159	22.7	158	23.7	158	24.8	157	26.4	-17.1	-17.5	157	27.9	157	29.5	156	30.8	156	31.6	156	32.5	155	33.5	
	-12.6	-13.0	187	22.8	186	23.8	186	24.8	185	25.8	185	26.8	184	28.4	-12.6	-13.0	184	29.7	183	31.3	183	32.4	183	33.2	183	34.0	173	31.2	
	-9.0	-9.4	196	23.5	195	24.4	195	25.3	194	26.3	194	27.3	193	28.9	-9.0	-9.4	193	30.2	192	31.7	192	32.9	192	33.6	186	32.0	173	28.3	
	-3.6	-4.0	209	24.3	209	25.2	208	26.1	208	27.1	207	28.0	207	29.6	-3.6	-4.0	206	30.9	206	32.3	203	32.5	194	30.1	186	27.9	173	24.8	
	-1.8	-2.2	214	24.6	213	25.4	213	26.3	212	27.3	212	28.3	211	29.8	-1.8	-2.2	211	31.1	211	32.5	203	31.1	194	28.8	186	26.7	173	23.7	
	5.5	5.0	232	25.5	231	26.3	231	27.1	230	28.1	230	29.0	229	30.5	5.5	5.0	229	31.8	216	29.1	203	26.2	194	24.4	186	22.7	173	20.3	
	9.5	8.5	241	25.9	240	26.7	239	27.5	239	28.4	239	29.4	238	30.8	9.5	8.5	233	30.7	216	26.9	203	24.3	194	22.7	186	21.1	173	18.9	
	13.0	12.0	249	26.3	249	27.0	248	27.8	248	28.8	248	29.7	247	31.1	13.0	12.0	233	28.4	216	25.0	203	22.6	194	21.1	186	19.6	173	17.6	
	15.0	14.0	254	26.5	254	27.2	253	28.0	253	28.9	253	29.9	249	30.5	15.0	14.0	233	27.2	216	24.0	203	21.7	194	20.3	186	18.9	173	17.0	
	17.0	15.5	258	26.7	258	27.4	257	28.1	257	29.1	256	30.0	249	29.6	17.0	15.5	233	26.4	216	23.3	203	21.1	194	19.7	186	18.4	173	16.5	
	19.0	18.0	264	26.9	264	27.6	263	28.3	263	29.3	263	30.2	249	28.1	19.0	18.0	233	25.1	216	22.1	203	20.1	194	18.8	186	17.5	173	15.8	
	22.0	20.0	269	27.1	269	27.7	268	28.5	268	29.4	268	30.3	249	28.9	22.0	20.0	233	24.1	216	21.3	203	19.3	194	18.1	186	16.9	173	15.3	
	26.0	24.0	280	27.4	279	28.1	278	28.8	278	29.7	268	28.1	249	24.9	26.0	24.0	233	22.3	216	19.7	203	18.0	194	16.8	186	15.8	173	14.3	
	30.0	28.0	290	27.7	289	28.4	288	29.1	281	28.1	268	26.0	249	23.1	30.0	28.0	233	20.7	216	18.4	203	16.7	194	15.7	186	14.7	173	13.4	
	35.0	32.0	286	25.5	285	26.1	285	26.6	281	26.1	268	24.1	249	21.4	35.0	32.0	233	19.3	216	17.1	203	15.7	194	14.7	186	13.8	173	12.6	
	39.0	36.0	277	22.4	276	23.0	275	23.0	275	23.3	268	22.4	249	20.0	39.0	36.0	233	18.0	216	16.0	203	14.7	194	13.8	186	13.0	173	11.9	
44.0	40.0	276	21.0	275	20.8	275	21.3	274	21.5	268	20.9	249	18.6	44.0	40.0	233	16.8	216	15.0	203	13.8	194	13.0	186	12.3	173	11.2		
47.0	43.0	282	20.2	282	20.8	281	21.2	281	21.4	268	19.9	249	17.7	47.0	43.0	233	16.1	216	14.4	203	13.2	194	12.5	186	11.8	173	10.8		
51.0	47.0	291	20.4	290	21.0	290	21.3	281	20.4	268	18.9	249	16.9	51.0	47.0	233	15.3	216	13.8	203	12.7	194	12.0	186	11.3	173	10.4		
54.0	50.0	297	20.6	297	21.1	293	21.1	281	19.6	268	18.3	249	16.4	54.0	50.0	233	14.9	216	13.3	203	12.3	194	11.6	186	11.0	173	10.1		
57.0	53.0	304	20.7	303	21.2	293	20.3	281	19.0	268	17.7	249	15.8	57.0	53.0	233	14.4	216	13.0	203	12.0	194	11.3	186	10.7	173	9.89		
60.0	56.0	310	20.9	310	21.4	293	19.6	281	18.3	268	17.1	249	15.3	60.0	56.0	233	14.0	216	12.6	203	11.6	194	11.0	186	10.5	173	9.67		
120	-21.8	-22.0	132	18.4	132	20.1	131	21.7	131	22.8	130	23.9	130	25.6	-21.8	-22.0	129	27.9	129	29.5	129	30.7	128	31.4	128	32.1	128	33.1	
	-17.1	-17.5	159	21.6	158	23.1	158	24.6	158	25.6	157	26.6	157	28.2	-17.1	-17.5	156	30.3	156	31.8	156	32.9	155	33.5	155	34.1	153	34.3	
	-12.6	-13.0	186	23.8	185	25.2	185	26.6	185	27.5	184	28.5	184	30.0	-12.6	-13.0	183	32.0	183	33.4	180	33.6	173	31.2	165	28.9	153	25.6	
	-9.0	-9.4	195	24.4	194	25.7	194	27.1	194	28.1	193	29.0	193	30.5	-9.0	-9.4	192	32.5	192	33.9	180	30.5	173	28.3	165	26.3	153	23.4	
	-3.6	-4.0	209	25.2	208	26.5	208	27.8	207	28.8	207	29.7	206	31.1	-3.6	-4.0	206	33.1	192	29.5	180	26.6	173	24.8	165	23.0	153	20.6	
	-1.8	-2.2	213	25.5	213	26.7	212	28.1	212	29.0	211	29.9	211	31.3	-1.8	-2.2	207	32.2	192	28.3	180	25.5	173	23.8	165	22.1	153	19.8	
	5.5	5.0	231	26.3	231	27.5	230	28.9	230	29.8	229	30.7	229	32.1	5.5	5.0	207	27.2	192	24.0	180	21.7	173	20.3	165	18.9	153	17.0	
	9.5	8.5	240	26.7	239	27.9	239	29.2	239	30.1	238	31.0	230	30.0	9.5	8.5	207	25.2	192	22.2	180	20.2	173	18.9	165	17.7	153	15.9	
	13.0	12.0	249	27.1	248	28.2	248	29.5	247	30.4	247	31.3	230	27.8	13.0	12.0	207	23.4	192	20.7	180	18.8	173	17.6	165	16.5	153	14.9	
	15.0	14.0	254	27.3	253	28.4	253	29.7	252	30.6	248	30.1	230	26.6	15.0	14.0	207	22.5	192	19.9	180	18.1	173	17.0	165	15.9	153	14.4	
	17.0	15.5	258	27.4	257	28.5	256	29.8	256	30.7	248	29.2	230	25.8	17.0	15.5	207	21.8	192	19.3	180	17.6	173	16.5	165	15.5	153	14.1	
	19.0	18.0	264	27.6	263	28.7	263	30.0	259	30.0	248	27.7	230	24.5	19.0	18.0	207	20.7	192	18.4	180	16.8	173	15.8	165	14.8	153	13.5	
	22.0	20.0	269	27.8	268	28.9	268	30.1	259	28.7	248	26.6	230	23.6	22.0	20.0	207	20.0	192	17.8	180	16.2	173	15.3	165	14.3	153	13.1	
	26.0	24.0	279	28.1	278	29.2	271	28.6	259	26.5	248	24.6	230	21.8	26.0	24.0	207	18.6	192	16.5	180	15.1	173	14.3	165	13.4	153	12.3	
	30.0	28.0	289	28.4	288	29.4	271	26.4	259	24.6	248	22.8	230	20.3	30.0	28.0	207	17.3	192	15.5	180	14.2	173	13.4	165	12.6	153	11.6	
	35.0	32.0	285	26.1	285	26.7	271	24.5	259	22.8	248	21.2	230	18.9	35.0	32.0	207	16.1	192	14.5	180	13.3	173	12.6	165	11.9	153	10.9	
	39.0	36.0	276	23.0	275	23.2	271	22.8	259	21.2	248	19.7	230	17.6	39.0	36.0	207	15.1	192	13.6	180	12.5	173	11.9	165	11.2	153	10.3	
44.0	40.0	275	20.9	275	21.4	271	21.2	259	19.8	248	18.4	230	16.5	44.0	40.0	207	14.2	192	12.8	180	11.8	173	11.2	165	10.6	153	9.82		
47.0	43.0	282	20.8	281	21.3	271	20.2	259	18.8	248	17.5	230	15.7	47.0	43.0	207	13.6	192	12.3	180	11.3	173	10.8	165	10.2	153	9.47		
51.0	47.0																												

RXLQ240TBTJA / TBYDA / TBYCA Heating Capacity for Standard Condition (Tc: 115°F)

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

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.

1. Capacity Tables (Reference Data)

1.2.2 Celsius

RXLQ72TBTJA / TBYDA / TBYCA 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	-29.9	-30.0	14.6	6.13	14.5	6.65	14.5	7.12	14.4	7.58	14.4	8.05	14.3	8.79	-29.9	-30.0	14.3	9.45	14.2	10.2	14.2	10.8	14.2	11.1	14.1	11.5	14.1	12.0																										
	120	-29.9	-30.0	14.5	6.67	14.5	7.31	14.4	7.96	14.4	8.41	14.3	8.87	14.3	9.58	-29.9	-30.0	14.2	10.6	14.2	11.2	14.1	11.7	14.1	12.0	14.1	12.3	14.1	12.7																									
		110	-29.9	-30.0	14.4	7.41	14.4	8.22	14.3	8.84	14.3	9.28	14.3	9.72	14.2	10.4	-29.9	-30.0	14.1	11.7	14.1	12.2	14.1	12.5	14.0	12.8	14.0	13.0	14.0	13.4																								
			100	-29.9	-30.0	14.4	8.40	14.3	9.17	14.3	9.77	14.2	10.2	14.2	10.6	14.2	11.3	-29.9	-30.0	14.1	12.5	14.1	13.0	14.1	13.5	14.0	13.5	14.0	14.0	14.0	14.0	13.4																						

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.

RXLQ96TBTJA / TBYDA / TBYCA Heating Capacity for Standard Condition (Tc: 46°C)

1. Capacity Tables (Reference Data)

Table with multiple columns for indoor air temp. °CDB (16.1, 18.3, 20.0, 21.1, 22.2, 23.9) and outdoor air temp. (°CDB, °CWB). It includes sub-tables for combinations 130, 120, 110, and 100, and a legend for TC (Total capacity; kW) and PI (Power Input; kW).

RXLQ120TBTJA / TBYDA / TBYCA 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	-29.9	-30.0	23.3	9.65	23.2	10.6	23.1	11.3	23.0	11.9	23.0	12.7	22.9	14.0	-29.9	-30.0	22.8	15.2	22.7	16.5	22.6	17.5	22.6	18.2	22.6	18.9	22.5	19.9																										
	120	-29.9	-30.0	23.2	10.6	23.1	11.5	23.0	12.6	22.9	13.4	22.9	14.2	22.8	15.4	-29.9	-30.0	22.7	17.1	22.6	18.3	22.5	19.3	22.5	19.9	22.4	20.4	22.4	21.1																									
		110	-29.9	-30.0	23.1	11.6	22.9	13.0	22.9	14.1	22.8	14.9	22.8	15.7	22.7	16.9	-29.9	-30.0	22.5	19.2	22.5	20.2	22.4	20.8	22.4	21.3	22.3	21.7	22.3	22.3																								
			100	-29.9	-30.0	22.9	13.3	22.8	14.7	22.8	15.8	22.7	16.5	22.7	17.2	22.6	18.4	-29.9	-30.0	22.5	20.2	22.5	20.2	22.4	20.8	22.4	21.3	22.3	21.7	22.3	22.3																							

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.

RXLQ144TBTJA / TBYDA / TBYCA 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, and 100 capacity units.

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.
3. And actual results may vary according to conditions of use.

1. Capacity Tables (Reference Data)

RXLQ192TBTJA / TBYDA / TBYCA 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	-29.9	-30.0	38.9	17.0	38.7	18.4	38.6	19.6	38.5	20.8	38.4	21.9	38.2	23.7	-29.9	-30.0	38.1	25.3	38.0	27.0	37.9	28.4	37.8	29.3	37.7	30.2	37.6	31.4																										
	120	-29.9	-30.0	38.7	18.4	38.6	20.1	38.4	21.7	38.3	22.8	38.2	23.9	38.1	25.6	-29.9	-30.0	37.9	27.9	37.8	29.5	37.7	30.7	37.6	31.4	37.6	32.1	37.5	33.1																									
		110	-29.9	-30.0	38.5	20.3	38.4	22.3	38.2	23.8	38.1	24.8	38.1	25.9	37.9	27.5	-29.9	-30.0	37.7	30.6	37.6	31.8	37.5	32.7	37.5	33.3	37.4	33.8	37.3	34.7																								
			100	-29.9	-30.0	38.3	22.7	38.2	24.6	38.0	26.0	38.0	27.0	37.9	28.0	37.8	29.6	-29.9	-30.0	38.3	22.7	38.2	24.6	38.0	26.0	38.0	27.0	37.9	28.0	37.8	29.6																							

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.

RXLQ240TBTJA / TBYDA / TBYCA Heating Capacity for Standard Condition (Tc: 46°C)

Main data table with columns for Combination, Outdoor air temp., Indoor air temp. °CDB, and Capacity (TC, PI) for various indoor air temperatures (16.1, 18.3, 20.0, 21.1, 22.2, 23.9) and outdoor air temperatures (-29.9 to 15.6).

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)

1.3 Capacity Correction Factor

REYQ72TBTJA / TBYDA / TBYCA

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	493
Indoor Higher than Outdoor	0.97	0.97	0.95	0.93	0.91	0.89	0.88	0.86	0.85	0.84	0.82	0.81	0.80	0.79	0.78
Indoor Lower than 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	0.72
Indoor Higher than Outdoor	0.97	0.97	0.95	0.93	0.91	0.89	0.88	0.86	0.85	0.84	0.82	0.81	0.80	0.79	0.78
Indoor Lower than 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	0.72

(Diameter of pipe (Standard size))

Model	Gas pipe	Liquid pipe
RXLQ72TBTJA	φ3/4	φ3/8
RXLQ72TBYDA	φ3/4	φ3/8
RXLQ72TBYCA	φ3/4	φ3/8

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	493
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	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	1.00

(Notes)

- Above figures indicate the rate of change of capacity when a standard system (indoor units combination 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 combination ratio does not exceed 100% :

$$\left[\begin{matrix} \text{Maximum A/C capacity of outdoor units} \\ \times \\ \text{Rate of change of capacity due to piping length to the farthest indoor unit} \end{matrix} \right]$$
 - When indoor units combination ratio exceeds 100% :

$$\left[\begin{matrix} \text{Maximum A/C capacity of outdoor units} \\ \times \\ \text{Rate of change of capacity due to piping length to the farthest indoor unit} \end{matrix} \right] \times \left[\begin{matrix} \text{Maximum A/C capacity of outdoor units obtained from capacity characteristic table at that indoor units combination ratio} \\ \times \\ \text{Rate of change of capacity due to piping length to the farthest indoor unit} \end{matrix} \right]$$
- When overall equivalent pipe length is 295.3ft. or more, the diameter of the main gas and liquid pipes (outdoor unit - branch sections) must be increased to below size
When level difference is 164.0ft. or more, the diameter of the main liquid pipe (outdoor unit - branch sections) must be increased to below size.

Model	Gas pipe	Liquid pipe
RXLQ72TBTJA	φ7/8	φ1/2
RXLQ72TBYDA	φ7/8	φ1/2
RXLQ72TBYCA	φ7/8	φ1/2

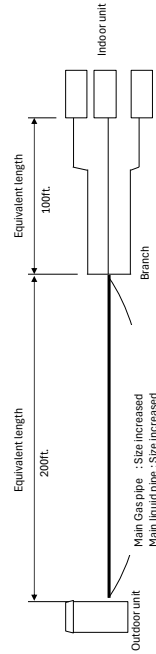
5. Rate of change of cooling / heating capacity should be calculated with the overall equivalent length shown in below.

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

Choose correction factor from below table.

Rate of change (object piping)	Correction factor	
	Standard size	Size increase
Cooling (gas pipe)	1.0	0.5
Heating (liquid pipe)	1.0	0.2

(Example)



In the above case

- (Cooling) Overall equivalent length = 200ft X 0.5 + 100 ft. = 200 ft.
- (Heating) Overall equivalent length = 200ft X 0.2 + 100 ft. = 140 ft.
- Thus rate of change of cooling capacity when "Vertical pipe length" = 0ft. is approximately 0.89.
- heating capacity when "Vertical pipe length" = 0ft. is approximately 1.00.

REYQ96TBTJA / TBYDA / TBYCA

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	493	526	559	592	623	653
Indoor Lower than Outdoor	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91
Indoor Higher than Outdoor	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91

Diameter of pipe (Standard size)		Liquid pipe φ3/8
Model	Gas pipe φ7/8	
RXLQ96TBTJA	φ7/8	
RXLQ96TBYDA		
RXLQ96TBYCA		

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	493	526	559	592	623	653
Indoor Lower than Outdoor	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91
Indoor Higher than Outdoor	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91

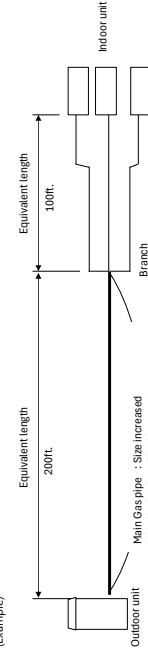
5. Rate of change of cooling / heating capacity should be calculated with the overall equivalent length shown in below.

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

Choose correction factor from below table.

Rate of change (object piping)	Correction factor	
	Standard size	Size increase
Cooling (gas pipe)	1.0	0.5
Heating (liquid pipe)	1.0	0.2

(Example)



In the above case

- (Cooling) Overall equivalent length = 200ft. X 0.5 + 100 ft. = 200 ft.
- (Heating) Overall equivalent length = 200ft. X 0.2 + 100 ft. = 140 ft.
- Thus rate of change of cooling capacity when "Vertical pipe length" = 0ft. is approximately 0.95.
- heating capacity when "Vertical pipe length" = 0ft. is approximately 1.00.

[Notes]

- Above figures indicate the rate of change of capacity when a standard system (indoor units combination 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 combination ratio does not exceed 100% :

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

$$\text{Maximum A/C capacity of outdoor units} \times \left[\frac{\text{Rate of change of capacity due to piping length to the farthest indoor unit}}{\text{Rate of change of capacity due to piping length to the farthest indoor unit}} \right]$$

- When overall equivalent pipe length is 295.3ft. or more, the diameter of the main gas and liquid pipes (outdoor unit - branch sections) must be increased to below size
When level difference is 164.0ft. or more, the diameter of the main liquid pipe (outdoor unit - branch sections) must be increased to below size.

Model	Gas pipe	Liquid pipe
RXLQ96TBTJA	φ1 (a)	φ3/8
RXLQ96TBYDA		
RXLQ96TBYCA		

(a) If size is NOT available, increase is NOT allowed.

REYQ144TBTJA / TBYDA / TBYCA

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	493	526	559	592	623
Indoor Lower than Outdoor	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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	0.85	0.84	0.83	0.82	0.81
Indoor Lower 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	0.85	0.84	0.83	0.82	0.81
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	0.85	0.84	0.83	0.82	0.81
Indoor Lower 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	0.85	0.84	0.83	0.82	0.81
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	0.85	0.84	0.83	0.82	0.81
Indoor Lower 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	0.85	0.84	0.83	0.82	0.81
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	0.85	0.84	0.83	0.82	0.81
Indoor Lower 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	0.85	0.84	0.83	0.82	0.81
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	0.85	0.84	0.83	0.82	0.81
Indoor Lower 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	0.85	0.84	0.83	0.82	0.81
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	0.85	0.84	0.83	0.82	0.81

[Diameter of pipe (Standard size)]	
Model	Liquid pipe
RXLQ144TBTJA	φ1/2
RXLQ144TBYDA	φ1-1/8
RXLQ144TBYCA	φ1/2

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	493	526	559	592	623
Indoor Lower than Outdoor	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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	0.85	0.84	0.83	0.82	0.81
Indoor Lower 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	0.85	0.84	0.83	0.82	0.81
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	0.85	0.84	0.83	0.82	0.81
Indoor Lower 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	0.85	0.84	0.83	0.82	0.81
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	0.85	0.84	0.83	0.82	0.81
Indoor Lower 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	0.85	0.84	0.83	0.82	0.81
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	0.85	0.84	0.83	0.82	0.81
Indoor Lower 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	0.85	0.84	0.83	0.82	0.81
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	0.85	0.84	0.83	0.82	0.81
Indoor Lower 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	0.85	0.84	0.83	0.82	0.81
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	0.85	0.84	0.83	0.82	0.81

[Notes]

- Above figures indicate the rate of change of capacity when a standard system (indoor units combination 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 this.
- 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 combination ratio does not exceed 100% :

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

$$\left[\text{Maximum A/C capacity of outdoor units} \right] \times \left[\text{Rate of change of capacity due to piping length to the farthest indoor unit} \right] \times \left[\text{Rate of change of capacity due to piping length to the farthest indoor unit} \right]$$
- When overall equivalent pipe length is 295.3ft. or more, the diameter of the main gas and liquid pipes (outdoor unit - branch sections) must be increased to below size.
 - When level difference is 164.0ft. or more, the diameter of the main liquid pipe (outdoor unit - branch sections) must be increased to below size.

Model	Gas pipe	Liquid pipe
RXLQ144TBTJA	φ1-1/4 (a)	φ5/8
RXLQ144TBYDA	φ1-1/4 (a)	φ5/8
RXLQ144TBYCA	φ1-1/4 (a)	φ5/8

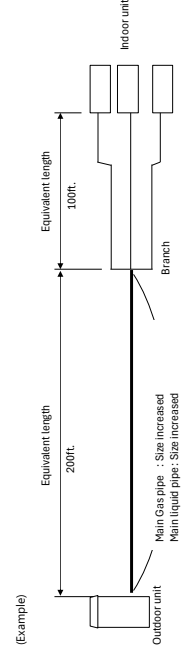
(a) If size is NOT available, increase is NOT allowed.

5. Rate of change of cooling / heating capacity should be calculated with the overall equivalent length shown in below.

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

Choose correction factor from below table.

Rate of change (object piping)	Correction factor	
	Standard size	Size increase
Cooling (gas pipe)	1.0	0.5
Heating (liquid pipe)	1.0	0.3



In the above case
 (Cooling) Overall equivalent length = 200ft. X 0.5 + 100 ft. = 200 ft.
 (Heating) Overall equivalent length = 200ft. X 0.3 + 100 ft. = 160 ft.
 Thus rate of change of cooling capacity when "Vertical pipe length" = 0ft. is approximately 0.92.
 heating capacity when "Vertical pipe length" = 0ft. is approximately 1.00.

REYQ192TBTJA / TBYDA / TBYCA

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	493	526	559	592	623
Indoor Lower than Outdoor	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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	0.99	0.99	0.99	0.99	0.99
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	1.00	1.00	1.00	1.00	1.00
Indoor Lower than Outdoor	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91
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	0.95	0.95	0.95	0.95	0.95
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	1.00	1.00	1.00	1.00	1.00
Indoor Lower than Outdoor	0.84	0.84	0.84	0.84	0.84	0.84	0.84	0.84	0.84	0.84	0.84	0.84	0.84	0.84	0.84	0.84	0.84	0.84	0.84
Indoor Higher than Outdoor	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88
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	1.00	1.00	1.00	1.00	1.00

Model	Gas pipe	Liquid pipe
RXLQ240TBTJA	ø1-3/8	ø5/8
RXLQ240TBYDA		
RXLQ240TBYCA		

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	493	526	559	592	623
Indoor Lower than Outdoor	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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	0.99	0.99	0.99	0.99	0.99
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	1.00	1.00	1.00	1.00	1.00
Indoor Lower than Outdoor	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91
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	0.95	0.95	0.95	0.95	0.95
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	1.00	1.00	1.00	1.00	1.00
Indoor Lower than Outdoor	0.84	0.84	0.84	0.84	0.84	0.84	0.84	0.84	0.84	0.84	0.84	0.84	0.84	0.84	0.84	0.84	0.84	0.84	0.84
Indoor Higher than Outdoor	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88
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	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 combination 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 this.
- 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 combination ratio does not exceed 100%:

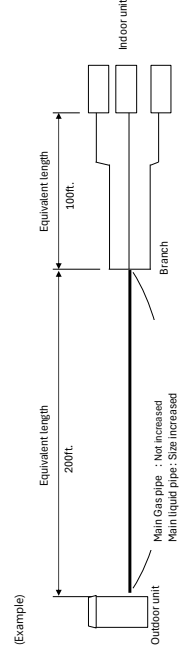
$$\left[\frac{\text{Maximum A/C capacity of outdoor units}}{\text{A/C capacity of outdoor units obtained from capacity characteristic table at 100% indoor units combination ratio}} \right] \times \left[\frac{\text{Rate of change of capacity due to piping length to the farthest indoor unit}}{\text{A/C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

$$\left[\frac{\text{Maximum A/C capacity of outdoor units}}{\text{A/C capacity of outdoor units}} \right] \times \left[\frac{\text{Rate of change of capacity due to piping length to the farthest indoor unit}}{\text{Rate of change of capacity due to piping length to the farthest indoor unit}} \right]$$

- When overall equivalent pipe length is 295.3ft. or more, the diameter of the main gas and liquid pipes (outdoor unit - branch sections) must be increased to below size.
When level difference is 164.0ft. or more, the diameter of the main liquid pipe (outdoor unit - branch sections) must be increased to below size.

Model	Gas pipe	Liquid pipe
RXLQ240TBTJA	Not increased	ø3/4
RXLQ240TBYDA		
RXLQ240TBYCA		

Rate of change (object piping)	Correction factor	
	Standard size	Size increase
Cooling (gas pipe)	1.0	-
Heating (liquid pipe)	1.0	0.4



In the above case
 (Cooling) Overall equivalent length = 200ft. + 100ft. = 300ft.
 (Heating) Overall equivalent length = 200ft. X 0.4 + 100ft. = 180ft.
 Thus rate of change of cooling capacity when "Vertical pipe length" = 0ft. is approximately 0.89.
 heating capacity when "Vertical pipe length" = 0ft. is approximately 1.00.

5. Rate of change of cooling / 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

Choose correction factor from below table.

Rate of change (object piping)	Correction factor	
	Standard size	Size increase
Cooling (gas pipe)	1.0	-
Heating (liquid pipe)	1.0	0.4

(Example)

1.4 Notes for Heating Capacity Characteristics (Heat Pump)

RXLQ72 - 240TBTJA / TBYDA / TBYCA

- 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)

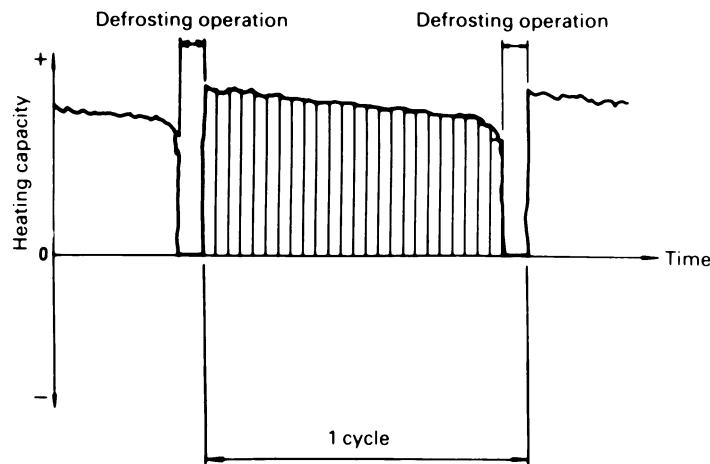
Inlet air temperature to the outdoor unit heat exchanger (°FDB/RH85%)	19.5	23.0	26.5	32.0	37.5	41.0	44.5
Correction factor for frost accumulation	0.95	0.93	0.88	0.84	0.85	0.90	1.00

- 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.

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 enquiries, 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.