

Outdoor unit : RAS-3M18U2AVG-E

< Cooling / 220V >

Operating status	Indoor unit				Unit capacity (kW)			Total		
	A	B	C	Σ kBTU	A	B	C	Cooling capacity (kW)	Power consumption (W)	Operating current (A)
1 unit	05	-	-	5	1.50	-	-	1.5 (1.3 - 1.8)	310 (270 - 380)	1.81 (1.60 - 1.85)
	07	-	-	7	2.00	-	-	2.0 (1.4 - 2.5)	410 (280 - 650)	2.40 (1.65 - 3.18)
	10	-	-	10	2.70	-	-	2.7 (1.4 - 3.2)	650 (280 - 890)	3.40 (1.65 - 4.30)
	13	-	-	13	3.70	-	-	3.7 (1.5 - 4.1)	1080 (280 - 1380)	5.25 (1.65 - 6.60)
	16	-	-	16	4.50	-	-	4.5 (1.6 - 5.3)	1370 (280 - 1950)	6.56 (1.65 - 9.33)
2 units	05	05	-	10	1.50	1.50	-	3.0 (2.4 - 6.0)	620 (390 - 1890)	3.00 (2.27 - 9.00)
	07	05	-	12	2.00	1.50	-	3.5 (2.4 - 6.0)	780 (390 - 1880)	3.77 (2.27 - 9.00)
	10	05	-	15	2.70	1.50	-	4.2 (2.4 - 6.0)	1050 (390 - 1890)	5.08 (2.27 - 8.98)
	13	05	-	18	3.70	1.50	-	5.2 (2.4 - 6.2)	1550 (390 - 1920)	7.42 (2.27 - 9.10)
	16	05	-	21	3.90	1.30	-	5.2 (2.4 - 6.2)	1590 (390 - 1890)	7.61 (2.27 - 9.00)
	07	07	-	14	2.00	2.00	-	4.0 (2.4 - 6.0)	970 (390 - 1890)	4.70 (2.27 - 9.00)
	10	07	-	17	2.76	1.94	-	4.7 (2.4 - 6.0)	1290 (390 - 1880)	6.20 (2.27 - 8.95)
	13	07	-	20	3.38	1.82	-	5.2 (2.4 - 6.1)	1530 (390 - 1890)	7.31 (2.27 - 9.00)
	16	07	-	23	3.62	1.58	-	5.2 (2.4 - 6.2)	1420 (390 - 1920)	6.80 (2.27 - 9.10)
	10	10	-	20	2.60	2.60	-	5.2 (2.4 - 6.1)	1570 (390 - 1890)	7.50 (2.27 - 9.00)
	13	10	-	23	2.94	2.26	-	5.2 (2.4 - 6.0)	1520 (390 - 1900)	7.27 (2.27 - 9.00)
	16	10	-	26	3.20	2.00	-	5.2 (2.4 - 6.3)	1410 (390 - 1920)	6.76 (2.27 - 9.10)
	13	13	-	26	2.60	2.60	-	5.2 (2.4 - 6.1)	1450 (390 - 1920)	7.04 (2.27 - 9.10)
	16	13	-	29	2.87	2.33	-	5.2 (2.4 - 6.2)	1380 (390 - 1930)	6.62 (2.27 - 9.15)
	16	16	-	32	2.60	2.60	-	5.2 (2.4 - 6.4)	1340 (390 - 1950)	6.43 (2.27 - 9.25)

• The above specification values are those under the conditions that the indoor DB/WB=27/19 °C and the outdoor DB/WB=35/- °C.

< Cooling / 220V >

Operating status	Indoor unit				Unit capacity (kW)			Total		
	A	B	C	Σ kBTU	A	B	C	Cooling capacity (kW)	Power consumption (W)	Operating current (A)
3 units	05	05	05	15	1.50	1.50	1.50	4.5 (2.4 - 6.3)	1130 (400 - 1890)	5.47 (2.32 - 9.00)
	07	05	05	17	2.00	1.50	1.50	5.0 (2.4 - 6.4)	1390 (400 - 1890)	6.72 (2.32 - 9.00)
	10	05	05	20	2.46	1.37	1.37	5.2 (2.4 - 6.5)	1530 (400 - 1890)	7.40 (2.32 - 9.00)
	13	05	05	23	2.87	1.16	1.16	5.2 (2.4 - 6.5)	1210 (400 - 1950)	5.85 (2.32 - 9.25)
	16	05	05	26	3.12	1.04	1.04	5.2 (2.4 - 6.5)	1200 (400 - 1950)	5.80 (2.32 - 9.25)
	07	07	05	19	1.89	1.89	1.42	5.2 (2.4 - 6.5)	1560 (400 - 1950)	7.54 (2.32 - 9.25)
	10	07	05	22	2.26	1.68	1.26	5.2 (2.4 - 6.5)	1410 (400 - 1950)	6.82 (2.32 - 9.25)
	13	07	05	25	2.67	1.44	1.08	5.2 (2.4 - 6.5)	1220 (400 - 1950)	5.90 (2.32 - 9.25)
	16	07	05	28	2.93	1.30	0.98	5.2 (2.4 - 6.5)	1190 (400 - 1950)	5.75 (2.32 - 9.25)
	10	10	05	25	2.03	2.03	1.13	5.2 (2.4 - 6.5)	1210 (400 - 1950)	5.85 (2.32 - 9.25)
	13	10	05	28	2.44	1.78	0.99	5.2 (2.4 - 6.5)	1200 (400 - 1950)	5.80 (2.32 - 9.25)
	16	10	05	31	2.69	1.61	0.90	5.2 (2.4 - 6.5)	1190 (400 - 1950)	5.75 (2.32 - 9.25)
	13	13	05	31	2.16	2.16	0.88	5.2 (2.4 - 6.5)	1180 (400 - 1950)	5.71 (2.32 - 9.25)
	16	13	05	34	2.41	1.98	0.80	5.2 (2.4 - 6.5)	1170 (400 - 1950)	5.66 (2.32 - 9.25)
	07	07	07	21	1.74	1.73	1.73	5.2 (2.4 - 6.5)	1220 (400 - 1950)	5.87 (2.32 - 9.25)
	10	07	07	24	2.17	1.52	1.52	5.2 (2.4 - 6.5)	1210 (400 - 1950)	5.83 (2.32 - 9.25)
	13	07	07	27	2.50	1.35	1.35	5.2 (2.4 - 6.5)	1200 (400 - 1950)	5.78 (2.32 - 9.25)
	16	07	07	30	2.78	1.21	1.21	5.2 (2.4 - 6.5)	1190 (400 - 1950)	5.73 (2.32 - 9.25)
	10	10	07	27	1.93	1.93	1.34	5.2 (2.4 - 6.5)	1200 (400 - 1950)	5.78 (2.32 - 9.25)
	13	10	07	30	2.25	1.73	1.21	5.2 (2.4 - 6.5)	1190 (400 - 1950)	5.73 (2.32 - 9.25)
	16	10	07	33	2.52	1.58	1.10	5.2 (2.4 - 6.5)	1180 (400 - 1950)	5.69 (2.32 - 9.25)
	13	13	07	33	2.05	2.05	1.09	5.2 (2.4 - 6.5)	1180 (400 - 1950)	5.69 (2.32 - 9.25)
	16	13	07	36	2.31	1.88	1.01	5.2 (2.4 - 6.5)	1170 (400 - 1950)	5.64 (2.32 - 9.25)
	10	10	10	30	1.74	1.73	1.73	5.2 (2.4 - 6.5)	1190 (400 - 1950)	5.73 (2.32 - 9.25)
	13	10	10	33	2.06	1.58	1.58	5.2 (2.4 - 6.5)	1180 (400 - 1950)	5.69 (2.32 - 9.25)
	16	10	10	36	2.31	1.44	1.44	5.2 (2.4 - 6.5)	1170 (400 - 1950)	5.64 (2.32 - 9.25)
	13	13	10	36	1.88	1.88	1.45	5.2 (2.4 - 6.5)	1170 (400 - 1950)	5.64 (2.32 - 9.25)

• The above specification values are those under the conditions that the indoor DB/WB=27/19 °C and the outdoor DB/WB=35/-°C.

< Cooling / 230V >

Operating status	Indoor unit				Unit capacity (kW)			Total		
	A	B	C	Σ kBTU	A	B	C	Cooling capacity (kW)	Power consumption (W)	Operating current (A)
1 unit	05	-	-	5	1.50	-	-	1.5 (1.3 - 1.8)	310 (270 - 380)	1.73 (1.52 - 1.78)
	07	-	-	7	2.00	-	-	2.0 (1.4 - 2.5)	410 (280 - 650)	2.29 (1.58 - 3.04)
	10	-	-	10	2.70	-	-	2.7 (1.4 - 3.2)	650 (280 - 890)	3.25 (1.58 - 4.12)
	13	-	-	13	3.70	-	-	3.7 (1.5 - 4.1)	1080 (280 - 1380)	5.00 (1.58 - 6.32)
	16	-	-	16	4.50	-	-	4.5 (1.6 - 5.3)	1370 (280 - 1950)	6.27 (1.58 - 8.92)
2 units	05	05	-	10	1.50	1.50	-	3.0 (2.4 - 6.0)	620 (390 - 1890)	2.87 (2.17 - 8.61)
	07	05	-	12	2.00	1.50	-	3.5 (2.4 - 6.0)	780 (390 - 1880)	3.61 (2.17 - 8.60)
	10	05	-	15	2.70	1.50	-	4.2 (2.4 - 6.0)	1050 (390 - 1890)	4.86 (2.17 - 8.59)
	13	05	-	18	3.70	1.50	-	5.2 (2.4 - 6.2)	1550 (390 - 1920)	7.09 (2.17 - 8.72)
	16	05	-	21	3.90	1.30	-	5.2 (2.4 - 6.2)	1590 (390 - 1890)	7.28 (2.17 - 8.59)
	07	07	-	14	2.00	2.00	-	4.0 (2.4 - 6.0)	970 (390 - 1890)	4.50 (2.17 - 8.61)
	10	07	-	17	2.76	1.94	-	4.7 (2.4 - 6.0)	1290 (390 - 1880)	5.93 (2.17 - 8.54)
	13	07	-	20	3.38	1.82	-	5.2 (2.4 - 6.1)	1530 (390 - 1890)	6.99 (2.17 - 8.59)
	16	07	-	23	3.62	1.58	-	5.2 (2.4 - 6.2)	1420 (390 - 1920)	6.51 (2.17 - 8.72)
	10	10	-	20	2.60	2.60	-	5.2 (2.4 - 6.1)	1570 (390 - 1890)	7.17 (2.17 - 8.59)
	13	10	-	23	2.94	2.26	-	5.2 (2.4 - 6.0)	1520 (390 - 1900)	6.95 (2.17 - 8.63)
	16	10	-	26	3.20	2.00	-	5.2 (2.4 - 6.3)	1410 (390 - 1920)	6.46 (2.17 - 8.72)
	13	13	-	26	2.60	2.60	-	5.2 (2.4 - 6.1)	1450 (390 - 1920)	6.73 (2.17 - 8.72)
	16	13	-	29	2.87	2.33	-	5.2 (2.4 - 6.2)	1380 (390 - 1930)	6.33 (2.17 - 8.76)
	16	16	-	32	2.60	2.60	-	5.2 (2.4 - 6.4)	1340 (390 - 1950)	6.15 (2.17 - 8.85)

• The above specification values are those under the conditions that the indoor DB/WB=27/19 °C and the outdoor DB/WB=35/-°C.

< Cooling / 230V >

Operating status	Indoor unit				Unit capacity (kW)			Total		
	A	B	C	$\Sigma kBTU$	A	B	C	Cooling capacity (kW)	Power consumption (W)	Operating current (A)
3 units	05	05	05	15	1.50	1.50	1.50	4.5 (2.4 - 6.3)	1130 (400 - 1890)	5.23 (2.22 - 8.58)
	07	05	05	17	2.00	1.50	1.50	5.0 (2.4 - 6.4)	1390 (400 - 1890)	6.43 (2.22 - 8.58)
	10	05	05	20	2.46	1.37	1.37	5.2 (2.4 - 6.5)	1530 (400 - 1890)	7.08 (2.22 - 8.58)
	13	05	05	23	2.87	1.16	1.16	5.2 (2.4 - 6.5)	1210 (400 - 1950)	5.60 (2.22 - 8.85)
	16	05	05	26	3.12	1.04	1.04	5.2 (2.4 - 6.5)	1200 (400 - 1950)	5.55 (2.22 - 8.85)
	07	07	05	19	1.89	1.89	1.42	5.2 (2.4 - 6.5)	1560 (400 - 1950)	7.22 (2.22 - 8.85)
	10	07	05	22	2.26	1.68	1.26	5.2 (2.4 - 6.5)	1220 (400 - 1950)	5.64 (2.22 - 8.85)
	13	07	05	25	2.67	1.44	1.08	5.2 (2.4 - 6.5)	1410 (400 - 1950)	6.52 (2.22 - 8.85)
	16	07	05	28	2.93	1.30	0.98	5.2 (2.4 - 6.5)	1190 (400 - 1950)	5.50 (2.22 - 8.85)
	10	10	05	25	2.03	2.03	1.13	5.2 (2.4 - 6.5)	1210 (400 - 1950)	5.60 (2.22 - 8.85)
	13	10	05	28	2.44	1.78	0.99	5.2 (2.4 - 6.5)	1200 (400 - 1950)	5.55 (2.22 - 8.85)
	16	10	05	31	2.69	1.61	0.90	5.2 (2.4 - 6.5)	1190 (400 - 1950)	5.50 (2.22 - 8.85)
	13	13	05	31	2.16	2.16	0.88	5.2 (2.4 - 6.5)	1180 (400 - 1950)	5.46 (2.22 - 8.85)
	16	13	05	34	2.41	1.98	0.80	5.2 (2.4 - 6.5)	1170 (400 - 1950)	5.41 (2.22 - 8.85)
	07	07	07	21	1.74	1.73	1.73	5.2 (2.4 - 6.5)	1220 (400 - 1950)	5.62 (2.22 - 8.85)
	10	07	07	24	2.17	1.52	1.52	5.2 (2.4 - 6.5)	1210 (400 - 1950)	5.57 (2.22 - 8.85)
	13	07	07	27	2.50	1.35	1.35	5.2 (2.4 - 6.5)	1200 (400 - 1950)	5.53 (2.22 - 8.85)
	16	07	07	30	2.78	1.21	1.21	5.2 (2.4 - 6.5)	1190 (400 - 1950)	5.48 (2.22 - 8.85)
	10	10	07	27	1.93	1.93	1.34	5.2 (2.4 - 6.5)	1200 (400 - 1950)	5.53 (2.22 - 8.85)
	13	10	07	30	2.25	1.73	1.21	5.2 (2.4 - 6.5)	1190 (400 - 1950)	5.48 (2.22 - 8.85)
	16	10	07	33	2.52	1.58	1.10	5.2 (2.4 - 6.5)	1180 (400 - 1950)	5.44 (2.22 - 8.85)
	13	13	07	33	2.05	2.05	1.09	5.2 (2.4 - 6.5)	1180 (400 - 1950)	5.44 (2.22 - 8.85)
	16	13	07	36	2.31	1.88	1.01	5.2 (2.4 - 6.5)	1170 (400 - 1950)	5.39 (2.22 - 8.85)
	10	10	10	30	1.74	1.73	1.73	5.2 (2.4 - 6.5)	1190 (400 - 1950)	5.48 (2.22 - 8.85)
	13	10	10	33	2.06	1.58	1.58	5.2 (2.4 - 6.5)	1180 (400 - 1950)	5.44 (2.22 - 8.85)
	16	10	10	36	2.31	1.44	1.44	5.2 (2.4 - 6.5)	1170 (400 - 1950)	5.39 (2.22 - 8.85)
	13	13	10	36	1.88	1.88	1.45	5.2 (2.4 - 6.5)	1170 (400 - 1950)	5.39 (2.22 - 8.85)

* The above specification values are those under the conditions that the indoor DB/WB=27/19 °C and the outdoor DB/WB=35/-°C.

< Cooling / 240V >

Operating status	Indoor unit				Unit capacity (kW)			Total		
	A	B	C	Σ kBTU	A	B	C	Cooling capacity (kW)	Power consumption (W)	Operating current (A)
1 unit	05	-	-	5	1.50	-	-	1.5 (1.3 - 1.8)	310 (270 - 380)	1.66 (1.46 - 1.70)
	07	-	-	7	2.00	-	-	2.0 (1.4 - 2.5)	410 (280 - 650)	2.19 (1.52 - 2.91)
	10	-	-	10	2.70	-	-	2.7 (1.4 - 3.2)	650 (280 - 890)	3.11 (1.52 - 3.95)
	13	-	-	13	3.70	-	-	3.7 (1.5 - 4.1)	1080 (280 - 1380)	4.79 (1.52 - 6.05)
	16	-	-	16	4.50	-	-	4.5 (1.6 - 5.3)	1370 (280 - 1950)	6.01 (1.52 - 8.55)
2 units	05	05	-	10	1.50	1.50	-	3.0 (2.4 - 6.0)	620 (390 - 1890)	2.75 (2.08 - 8.25)
	07	05	-	12	2.00	1.50	-	3.5 (2.4 - 6.0)	780 (390 - 1880)	3.46 (2.08 - 8.25)
	10	05	-	15	2.70	1.50	-	4.2 (2.4 - 6.0)	1050 (390 - 1890)	4.65 (2.08 - 8.23)
	13	05	-	18	3.70	1.50	-	5.2 (2.4 - 6.2)	1550 (390 - 1920)	6.80 (2.08 - 8.36)
	16	05	-	21	3.90	1.30	-	5.2 (2.4 - 6.2)	1590 (390 - 1890)	6.97 (2.08 - 8.23)
	07	07	-	14	2.00	2.00	-	4.0 (2.4 - 6.0)	970 (390 - 1890)	4.31 (2.08 - 8.25)
	10	07	-	17	2.76	1.94	-	4.7 (2.4 - 6.0)	1290 (390 - 1880)	5.68 (2.08 - 8.19)
	13	07	-	20	3.38	1.82	-	5.2 (2.4 - 6.1)	1530 (390 - 1890)	6.70 (2.08 - 8.23)
	16	07	-	23	3.62	1.58	-	5.2 (2.4 - 6.2)	1420 (390 - 1920)	6.24 (2.08 - 8.36)
	10	10	-	20	2.60	2.60	-	5.2 (2.4 - 6.1)	1570 (390 - 1890)	6.87 (2.08 - 8.23)
	13	10	-	23	2.94	2.26	-	5.2 (2.4 - 6.0)	1520 (390 - 1900)	6.66 (2.08 - 8.27)
	16	10	-	26	3.20	2.00	-	5.2 (2.4 - 6.3)	1410 (390 - 1920)	6.19 (2.08 - 8.36)
	13	13	-	26	2.60	2.60	-	5.2 (2.4 - 6.1)	1450 (390 - 1920)	6.45 (2.08 - 8.36)
	16	13	-	29	2.87	2.33	-	5.2 (2.4 - 6.2)	1380 (390 - 1930)	6.07 (2.08 - 8.40)
	16	16	-	32	2.60	2.60	-	5.2 (2.4 - 6.4)	1340 (390 - 1950)	5.90 (2.08 - 8.48)

The above specification values are those under the conditions that the indoor DB/WB=27/19 °C and the outdoor DB/WB=35/-°C.

< Cooling / 240V >

Operating status	Indoor unit				Unit capacity (kW)			Total		
	A	B	C	Σ kBTU	A	B	C	Cooling capacity (kW)	Power consumption (W)	Operating current (A)
3 units	05	05	05	15	1.50	1.50	1.50	4.5 (2.4 - 6.3)	1130 (400 - 1890)	5.01 (2.13 - 8.22)
	07	05	05	17	2.00	1.50	1.50	5.0 (2.4 - 6.4)	1390 (400 - 1890)	6.16 (2.13 - 8.22)
	10	05	05	20	2.46	1.37	1.37	5.2 (2.4 - 6.5)	1530 (400 - 1890)	6.78 (2.13 - 8.22)
	13	05	05	23	2.87	1.16	1.16	5.2 (2.4 - 6.5)	1210 (400 - 1950)	5.36 (2.13 - 8.48)
	16	05	05	26	3.12	1.04	1.04	5.2 (2.4 - 6.5)	1200 (400 - 1950)	5.32 (2.13 - 8.48)
	07	07	05	19	1.89	1.89	1.42	5.2 (2.4 - 6.5)	1560 (400 - 1950)	6.91 (2.13 - 8.48)
	10	07	05	22	2.26	1.68	1.26	5.2 (2.4 - 6.5)	1410 (400 - 1950)	6.25 (2.13 - 8.48)
	13	07	05	25	2.67	1.44	1.08	5.2 (2.4 - 6.5)	1220 (400 - 1950)	5.41 (2.13 - 8.48)
	16	07	05	28	2.93	1.30	0.98	5.2 (2.4 - 6.5)	1190 (400 - 1950)	5.27 (2.13 - 8.48)
	10	10	05	25	2.03	2.03	1.13	5.2 (2.4 - 6.5)	1210 (400 - 1950)	5.36 (2.13 - 8.48)
	13	10	05	28	2.44	1.78	0.99	5.2 (2.4 - 6.5)	1200 (400 - 1950)	5.32 (2.13 - 8.48)
	16	10	05	31	2.69	1.61	0.90	5.2 (2.4 - 6.5)	1190 (400 - 1950)	5.27 (2.13 - 8.48)
	13	13	05	31	2.16	2.16	0.88	5.2 (2.4 - 6.5)	1180 (400 - 1950)	5.23 (2.13 - 8.48)
	16	13	05	34	2.41	1.98	0.80	5.2 (2.4 - 6.5)	1170 (400 - 1950)	5.19 (2.13 - 8.48)
	07	07	07	21	1.74	1.73	1.73	5.2 (2.4 - 6.5)	1220 (400 - 1950)	5.38 (2.13 - 8.48)
	10	07	07	24	2.17	1.52	1.52	5.2 (2.4 - 6.5)	1210 (400 - 1950)	5.34 (2.13 - 8.48)
	13	07	07	27	2.50	1.35	1.35	5.2 (2.4 - 6.5)	1200 (400 - 1950)	5.30 (2.13 - 8.48)
	16	07	07	30	2.78	1.21	1.21	5.2 (2.4 - 6.5)	1190 (400 - 1950)	5.26 (2.13 - 8.48)
	10	10	07	27	1.93	1.93	1.34	5.2 (2.4 - 6.5)	1200 (400 - 1950)	5.30 (2.13 - 8.48)
	13	10	07	30	2.25	1.73	1.21	5.2 (2.4 - 6.5)	1190 (400 - 1950)	5.26 (2.13 - 8.48)
	16	10	07	33	2.52	1.58	1.10	5.2 (2.4 - 6.5)	1180 (400 - 1950)	5.21 (2.13 - 8.48)
	13	13	07	33	2.05	2.05	1.09	5.2 (2.4 - 6.5)	1180 (400 - 1950)	5.21 (2.13 - 8.48)
	16	13	07	36	2.31	1.88	1.01	5.2 (2.4 - 6.5)	1170 (400 - 1950)	5.17 (2.13 - 8.48)
	10	10	10	30	1.74	1.73	1.73	5.2 (2.4 - 6.5)	1190 (400 - 1950)	5.26 (2.13 - 8.48)
	13	10	10	33	2.06	1.58	1.58	5.2 (2.4 - 6.5)	1180 (400 - 1950)	5.21 (2.13 - 8.48)
	16	10	10	36	2.31	1.44	1.44	5.2 (2.4 - 6.5)	1170 (400 - 1950)	5.17 (2.13 - 8.48)
	13	13	10	36	1.88	1.88	1.45	5.2 (2.4 - 6.5)	1170 (400 - 1950)	5.17 (2.13 - 8.48)

• The above specification values are those under the conditions that the indoor DB/WB=27/19 °C and the outdoor DB/WB=35/-°C.

Outdoor unit : RAS-3M18U2AVG-E

< Heating / 220V >

Operating status	Indoor unit				Unit capacity (kW)			Total		
	A	B	C	Σ kBTU	A	B	C	Heating capacity (kW)	Power consumption (W)	Operating current (A)
1 unit	05	-	-	5	2.00	-	-	2.0 (1.1 - 2.5)	460	2.46 (1.26 - 2.82)
	07	-	-	7	2.70	-	-	2.7 (1.1 - 3.4)	630	3.37 (1.26 - 4.69)
	10	-	-	10	4.00	-	-	4.0 (1.1 - 4.8)	1160	5.61 (1.26 - 7.46)
	13	-	-	13	5.00	-	-	5.0 (1.1 - 5.3)	1580	7.56 (1.32 - 8.47)
	16	-	-	16	5.50	-	-	5.5 (1.1 - 6.5)	1700	8.13 (1.32 - 11.10)
2 units	05	05	-	10	2.00	2.00	-	4.0 (1.9 - 6.7)	1000	4.79 (2.28 - 10.12)
	07	05	-	12	2.70	2.00	-	4.7 (1.9 - 6.8)	1270	6.08 (2.28 - 10.36)
	10	05	-	15	4.00	2.00	-	6.0 (1.9 - 6.9)	1700	8.13 (2.28 - 10.64)
	13	05	-	18	4.86	1.94	-	6.8 (1.9 - 7.0)	1920	9.15 (2.28 - 10.79)
	16	05	-	21	4.99	1.81	-	6.8 (1.9 - 7.1)	1920	9.15 (2.28 - 10.88)
	07	07	-	14	2.70	2.70	-	5.4 (1.9 - 7.2)	1410	6.68 (2.16 - 10.88)
	10	07	-	17	3.94	2.76	-	6.7 (1.9 - 7.2)	1900	9.01 (2.16 - 10.69)
	13	07	-	20	4.42	2.95	-	6.8 (1.9 - 7.5)	1920	9.09 (2.16 - 10.93)
	16	07	-	23	4.73	2.07	-	6.8 (1.9 - 7.5)	1820	8.62 (2.05 - 10.14)
	10	10	-	20	3.40	3.40	-	6.8 (1.9 - 7.3)	1920	9.09 (2.16 - 10.46)
	13	10	-	23	3.84	2.96	-	6.8 (1.9 - 7.5)	1920	9.09 (2.16 - 10.69)
	16	10	-	26	4.18	2.62	-	6.8 (1.9 - 7.5)	1790	8.48 (2.05 - 10.09)
	13	13	-	26	3.40	3.40	-	6.8 (1.9 - 7.5)	1870	8.85 (2.16 - 10.51)
	16	13	-	29	3.75	3.05	-	6.8 (1.9 - 7.5)	1730	8.19 (2.05 - 9.81)
	16	16	-	32	3.40	3.40	-	6.8 (1.9 - 7.5)	1640	7.77 (2.05 - 9.30)

•The above specification values are those under the conditions that the indoor DB/WB=20/- °C and the outdoor DB/WB=7/6°C.

< Heating / 220V >

Operating status	Indoor unit				Unit capacity (kW)			Total		
	A	B	C	Σ kBTU	A	B	C	Heating capacity (kW)	Power consumption (W)	Operating current (A)
3 units	05	05	05	15	2.00	2.00	2.00	6.0 (1.9 - 7.9)	1700	8.13 (2.34 - 10.64)
	07	05	05	17	2.70	2.00	2.00	6.7 (1.9 - 8.0)	1900	9.09 (2.34 - 10.64)
	10	05	05	20	3.40	1.70	1.70	6.8 (1.9 - 8.0)	1920	9.19 (2.34 - 10.45)
	13	05	05	23	3.78	1.51	1.51	6.8 (1.9 - 8.0)	1920	9.19 (2.34 - 10.69)
	16	05	05	26	3.94	1.43	1.43	6.8 (1.9 - 8.0)	1790	8.56 (2.34 - 10.07)
	07	07	05	19	2.48	2.48	1.84	6.8 (1.9 - 8.0)	1920	9.19 (2.34 - 10.88)
	10	07	05	22	3.13	2.11	1.56	6.8 (1.9 - 8.0)	1690	8.09 (2.34 - 10.93)
	13	07	05	25	3.51	1.89	1.40	6.8 (1.9 - 8.0)	1670	7.99 (2.34 - 10.78)
	16	07	05	28	3.67	1.80	1.33	6.8 (1.9 - 8.0)	1660	7.94 (2.34 - 10.69)
	10	10	05	25	2.72	2.72	1.36	6.8 (1.9 - 8.0)	1870	8.95 (2.34 - 10.50)
	13	10	05	28	3.09	2.47	1.24	6.8 (1.9 - 8.0)	1650	7.89 (2.34 - 10.64)
	16	10	05	31	3.25	2.37	1.18	6.8 (1.9 - 8.0)	1640	7.85 (2.34 - 10.64)
	13	13	05	31	2.83	2.83	1.13	6.8 (1.9 - 8.0)	1630	7.80 (2.34 - 10.45)
	16	13	05	34	2.99	2.72	1.09	6.8 (1.9 - 8.0)	1620	7.75 (2.34 - 10.41)
	07	07	07	21	2.26	2.27	2.27	6.8 (1.9 - 8.0)	1700	8.10 (2.05 - 10.97)
	10	07	07	24	2.84	1.98	1.98	6.8 (1.9 - 8.0)	1680	8.01 (2.05 - 10.83)
	13	07	07	27	3.26	1.76	1.76	6.8 (1.9 - 8.0)	1650	7.87 (2.05 - 10.65)
	16	07	07	30	3.64	1.59	1.59	6.8 (1.9 - 8.0)	1600	7.64 (1.99 - 10.18)
	10	10	07	27	2.52	2.52	1.76	6.8 (1.9 - 8.0)	1660	7.91 (2.05 - 10.69)
	13	10	07	30	2.95	2.27	1.59	6.8 (1.9 - 8.0)	1640	7.82 (2.05 - 10.51)
	16	10	07	33	3.30	2.06	1.44	6.8 (1.9 - 8.0)	1590	7.59 (1.99 - 10.09)
	13	13	07	33	2.68	2.68	1.43	6.8 (1.9 - 8.0)	1620	7.73 (2.05 - 10.37)
	16	13	07	36	3.02	2.46	1.32	6.8 (1.9 - 8.0)	1580	7.54 (1.99 - 10.00)
	10	10	10	30	2.26	2.27	2.27	6.8 (1.9 - 8.0)	1650	7.87 (2.05 - 10.55)
	13	10	10	33	2.68	2.06	2.06	6.8 (1.9 - 8.0)	1620	7.73 (2.05 - 10.41)
	16	10	10	36	3.03	1.89	1.89	6.8 (1.9 - 8.0)	1580	7.54 (1.94 - 9.90)
	13	13	10	36	2.46	2.46	1.89	6.8 (1.9 - 8.0)	1620	7.73 (2.05 - 10.23)

The above specification values are those under the conditions that the indoor DB/WB=20/- °C and the outdoor DB/WB=7/6°C.

< Heating / 230V >

Operating status	Indoor unit				Unit capacity (kW)			Total		
	A	B	C	Σ kBTU	A	B	C	Heating capacity (kW)	Power consumption (W)	Operating current (A)
1 unit	05	-	-	5	2.00	-	-	2.0 (1.1 - 2.5)	460 (210 - 590)	2.35 (1.20 - 2.70)
	07	-	-	7	2.70	-	-	2.7 (1.1 - 3.4)	630 (210 - 980)	3.24 (1.20 - 4.50)
	10	-	-	10	4.00	-	-	4.0 (1.1 - 4.8)	1160 (210 - 1560)	5.38 (1.20 - 7.15)
	13	-	-	13	5.00	-	-	5.0 (1.1 - 5.3)	1580 (220 - 1770)	7.25 (1.25 - 8.10)
	16	-	-	16	5.50	-	-	5.5 (1.1 - 6.5)	1700 (220 - 2320)	7.80 (1.25 - 10.65)
2 units	05	05	-	10	2.00	2.00	-	4.0 (1.9 - 6.7)	1000 (390 - 2140)	4.58 (2.18 - 9.70)
	07	05	-	12	2.70	2.00	-	4.7 (1.9 - 6.8)	1270 (390 - 2190)	5.81 (2.18 - 9.90)
	10	05	-	15	4.00	2.00	-	6.0 (1.9 - 6.9)	1700 (390 - 2250)	7.78 (2.18 - 10.20)
	13	05	-	18	4.86	1.94	-	6.8 (1.9 - 7.0)	1920 (390 - 2280)	8.75 (2.18 - 10.35)
	16	05	-	21	4.99	1.81	-	6.8 (1.9 - 7.1)	1920 (390 - 2300)	8.75 (2.18 - 10.40)
	07	07	-	14	2.70	2.70	-	5.4 (1.9 - 7.2)	1410 (370 - 2300)	6.39 (2.07 - 10.40)
	10	07	-	17	3.94	2.76	-	6.7 (1.9 - 7.2)	1900 (370 - 2260)	8.61 (2.07 - 10.25)
	13	07	-	20	4.42	2.95	-	6.8 (1.9 - 7.5)	1920 (370 - 2310)	8.70 (2.07 - 10.45)
	16	07	-	23	4.73	2.07	-	6.8 (1.9 - 7.5)	1820 (350 - 2140)	8.24 (1.96 - 9.70)
	10	10	-	20	3.40	3.40	-	6.8 (1.9 - 7.3)	1920 (370 - 2210)	8.70 (2.07 - 10.00)
	13	10	-	23	3.84	2.96	-	6.8 (1.9 - 7.5)	1920 (370 - 2260)	8.70 (2.07 - 10.25)
	16	10	-	26	4.18	2.62	-	6.8 (1.9 - 7.5)	1790 (350 - 2130)	8.11 (1.96 - 9.65)
	13	13	-	26	3.40	3.40	-	6.8 (1.9 - 7.5)	1870 (370 - 2220)	8.47 (2.07 - 10.05)
	16	13	-	29	3.75	3.05	-	6.8 (1.9 - 7.5)	1730 (350 - 2070)	7.84 (1.96 - 9.40)
	16	16	-	32	3.40	3.40	-	6.8 (1.9 - 7.5)	1640 (350 - 1960)	7.43 (1.96 - 8.90)

•The above specification values are those under the conditions that the indoor DB/WB=20/- °C and the outdoor DB/WB=7/6 °C.

< Heating / 230V >

Operating status	Indoor unit				Unit capacity (kW)			Total		
	A	B	C	Σ kBTU	A	B	C	Heating capacity (kW)	Power consumption (W)	Operating current (A)
3 units	05	05	05	15	2.00	2.00	2.00	6.0 (1.9 - 7.9)	1700 (400 - 2250)	7.78 (2.24 - 10.20)
	07	05	05	17	2.70	2.00	2.00	6.7 (1.9 - 8.0)	1900 (400 - 2250)	8.70 (2.24 - 10.20)
	10	05	05	20	3.40	1.70	1.70	6.8 (1.9 - 8.0)	1920 (400 - 2210)	8.79 (2.24 - 10.00)
	13	05	05	23	3.78	1.51	1.51	6.8 (1.9 - 8.0)	1920 (400 - 2260)	8.79 (2.24 - 10.25)
	16	05	05	26	3.94	1.43	1.43	6.8 (1.9 - 8.0)	1790 (400 - 2130)	8.19 (2.24 - 9.65)
	07	07	05	19	2.48	2.48	1.84	6.8 (1.9 - 8.0)	1920 (400 - 2300)	8.79 (2.24 - 10.40)
	10	07	05	22	3.13	2.11	1.56	6.8 (1.9 - 8.0)	1690 (400 - 2310)	7.73 (2.24 - 10.45)
	13	07	05	25	3.51	1.89	1.40	6.8 (1.9 - 8.0)	1670 (400 - 2280)	7.64 (2.24 - 10.35)
	16	07	05	28	3.67	1.80	1.33	6.8 (1.9 - 8.0)	1660 (400 - 2260)	7.60 (2.24 - 10.25)
	10	10	05	25	2.72	2.72	1.36	6.8 (1.9 - 8.0)	1870 (400 - 2220)	8.56 (2.24 - 10.05)
	13	10	05	28	3.09	2.47	1.24	6.8 (1.9 - 8.0)	1650 (400 - 2250)	7.55 (2.24 - 10.20)
	16	10	05	31	3.25	2.37	1.18	6.8 (1.9 - 8.0)	1640 (400 - 2250)	7.51 (2.24 - 10.20)
	13	13	05	31	2.83	2.83	1.13	6.8 (1.9 - 8.0)	1630 (400 - 2210)	7.46 (2.24 - 10.00)
	16	13	05	34	2.99	2.72	1.09	6.8 (1.9 - 8.0)	1620 (400 - 2200)	7.41 (2.24 - 9.95)
	07	07	07	21	2.26	2.27	2.27	6.8 (1.9 - 8.0)	1700 (350 - 2320)	7.75 (1.96 - 10.50)
	10	07	07	24	2.84	1.98	1.98	6.8 (1.9 - 8.0)	1680 (350 - 2290)	7.66 (1.96 - 10.35)
	13	07	07	27	3.26	1.76	1.76	6.8 (1.9 - 8.0)	1650 (350 - 2250)	7.53 (1.96 - 10.20)
	16	07	07	30	3.64	1.59	1.59	6.8 (1.9 - 8.0)	1600 (340 - 2150)	7.30 (1.91 - 9.75)
	10	10	07	27	2.52	2.52	1.76	6.8 (1.9 - 8.0)	1660 (350 - 2260)	7.57 (1.96 - 10.25)
	13	10	07	30	2.95	2.27	1.59	6.8 (1.9 - 8.0)	1640 (350 - 2220)	7.48 (1.96 - 10.05)
	16	10	07	33	3.30	2.06	1.44	6.8 (1.9 - 8.0)	1590 (340 - 2130)	7.26 (1.91 - 9.65)
	13	13	07	33	2.68	2.68	1.43	6.8 (1.9 - 8.0)	1620 (350 - 2190)	7.39 (1.96 - 9.90)
	16	13	07	36	3.02	2.46	1.32	6.8 (1.9 - 8.0)	1580 (340 - 2110)	7.22 (1.91 - 9.55)
	10	10	10	30	2.26	2.27	2.27	6.8 (1.9 - 8.0)	1650 (350 - 2230)	7.53 (1.96 - 10.10)
	13	10	10	33	2.68	2.06	2.06	6.8 (1.9 - 8.0)	1620 (350 - 2200)	7.39 (1.96 - 9.95)
	16	10	10	36	3.03	1.89	1.89	6.8 (1.9 - 8.0)	1580 (330 - 2090)	7.22 (1.85 - 9.50)
	13	13	10	36	2.46	2.46	1.89	6.8 (1.9 - 8.0)	1620 (350 - 2160)	7.39 (1.96 - 9.80)

• The above specification values are those under the conditions that the indoor DB/WB=20/- °C and the outdoor DB/WB=7/6°C.

< Heating / 240V >

Operating status	Indoor unit				Unit capacity (kW)			Total		
	A	B	C	Σ kBTU	A	B	C	Heating capacity (kW)	Power consumption (W)	Operating current (A)
1 unit	05	-	-	5	2.00	-	-	2.0 (1.1 - 2.5)	460 (210 - 590)	2.25 (1.15 - 2.60)
	07	-	-	7	2.70	-	-	2.7 (1.1 - 3.4)	630 (210 - 980)	3.10 (1.15 - 4.30)
	10	-	-	10	4.00	-	-	4.0 (1.1 - 4.8)	1160 (210 - 1560)	5.15 (1.15 - 6.85)
	13	-	-	13	5.00	-	-	5.0 (1.1 - 5.3)	1580 (220 - 1770)	6.95 (1.20 - 7.75)
	16	-	-	16	5.50	-	-	5.5 (1.1 - 6.5)	1700 (220 - 2320)	7.45 (1.20 - 10.20)
2 units	05	05	-	10	2.00	2.00	-	4.0 (1.9 - 6.7)	1000 (390 - 2140)	4.40 (2.10 - 9.30)
	07	05	-	12	2.70	2.00	-	4.7 (1.9 - 6.8)	1270 (390 - 2190)	5.60 (2.10 - 9.50)
	10	05	-	15	4.00	2.00	-	6.0 (1.9 - 6.9)	1700 (390 - 2250)	7.45 (2.10 - 9.75)
	13	05	-	18	4.86	1.94	-	6.8 (1.9 - 7.0)	1920 (390 - 2280)	8.40 (2.10 - 9.90)
	16	05	-	21	4.99	1.81	-	6.8 (1.9 - 7.1)	1920 (390 - 2300)	8.40 (2.10 - 10.00)
	07	07	-	14	2.70	2.70	-	5.4 (1.9 - 7.2)	1410 (370 - 2300)	6.10 (1.98 - 10.00)
	10	07	-	17	3.94	2.76	-	6.7 (1.9 - 7.2)	1900 (370 - 2260)	8.25 (1.98 - 9.80)
	13	07	-	20	4.42	2.95	-	6.8 (1.9 - 7.5)	1920 (370 - 2310)	8.35 (1.98 - 10.05)
	16	07	-	23	4.73	2.07	-	6.8 (1.9 - 7.5)	1820 (350 - 2140)	7.90 (1.88 - 9.30)
	10	10	-	20	3.40	3.40	-	6.8 (1.9 - 7.3)	1920 (370 - 2210)	8.35 (1.98 - 9.60)
	13	10	-	23	3.84	2.96	-	6.8 (1.9 - 7.5)	1920 (370 - 2260)	8.35 (1.98 - 9.80)
	16	10	-	26	4.18	2.62	-	6.8 (1.9 - 7.5)	1790 (350 - 2130)	7.80 (1.88 - 9.25)
	13	13	-	26	3.40	3.40	-	6.8 (1.9 - 7.5)	1870 (370 - 2220)	8.15 (1.98 - 9.65)
	16	13	-	29	3.75	3.05	-	6.8 (1.9 - 7.5)	1730 (350 - 2070)	7.50 (1.88 - 9.00)
	16	16	-	32	3.40	3.40	-	6.8 (1.9 - 7.5)	1640 (350 - 1960)	7.15 (1.88 - 8.55)

The above specification values are those under the conditions that the indoor DB/WB=20/- °C and the outdoor DB/WB=7/6°C.

< Heating / 240V >

Operating status	Indoor unit				Unit capacity (kW)			Total		
	A	B	C	$\Sigma kBTU$	A	B	C	Heating capacity (kW)	Power consumption (W)	Operating current (A)
3 units	05	05	05	15	2.00	2.00	2.00	6.0 (1.9 - 7.9)	1700	7.46 (2.15 - 9.76)
	07	05	05	17	2.70	2.00	2.00	6.7 (1.9 - 8.0)	1900	8.35 (2.15 - 9.80)
	10	05	05	20	3.40	1.70	1.70	6.8 (1.9 - 8.0)	1920	8.40 (2.15 - 9.60)
	13	05	05	23	3.78	1.51	1.51	6.8 (1.9 - 8.0)	1920	8.40 (2.15 - 9.80)
	16	05	05	26	3.94	1.43	1.43	6.8 (1.9 - 8.0)	1790	7.85 (2.15 - 9.25)
	07	07	05	19	2.48	2.48	1.84	6.8 (1.9 - 8.0)	1920	8.40 (2.15 - 10.00)
	10	07	05	22	3.13	2.11	1.56	6.8 (1.9 - 8.0)	1690	7.41 (2.15 - 10.05)
	13	07	05	25	3.51	1.89	1.40	6.8 (1.9 - 8.0)	1670	7.35 (2.15 - 9.90)
	16	07	05	28	3.67	1.80	1.33	6.8 (1.9 - 8.0)	1660	7.30 (2.15 - 9.80)
	10	10	05	25	2.72	2.72	1.36	6.8 (1.9 - 8.0)	1870	8.20 (2.15 - 9.65)
	13	10	05	28	3.09	2.47	1.24	6.8 (1.9 - 8.0)	1650	7.25 (2.15 - 9.75)
	16	10	05	31	3.25	2.37	1.18	6.8 (1.9 - 8.0)	1640	7.20 (2.15 - 9.75)
	13	13	05	31	2.83	2.83	1.13	6.8 (1.9 - 8.0)	1630	7.15 (2.15 - 9.60)
	16	13	05	34	2.99	2.72	1.09	6.8 (1.9 - 8.0)	1620	7.10 (2.15 - 9.55)
	07	07	07	21	2.26	2.27	2.27	6.8 (1.9 - 8.0)	1700	7.45 (1.88 - 10.05)
	10	07	07	24	2.84	1.98	1.98	6.8 (1.9 - 8.0)	1680	7.35 (1.88 - 9.95)
	13	07	07	27	3.26	1.76	1.76	6.8 (1.9 - 8.0)	1650	7.20 (1.88 - 9.75)
	16	07	07	30	3.64	1.59	1.59	6.8 (1.9 - 8.0)	1600	7.00 (1.83 - 9.35)
	10	10	07	27	2.52	2.52	1.76	6.8 (1.9 - 8.0)	1660	7.25 (1.88 - 9.80)
	13	10	07	30	2.95	2.27	1.59	6.8 (1.9 - 8.0)	1640	7.17 (1.88 - 9.65)
	16	10	07	33	3.30	2.06	1.44	6.8 (1.9 - 8.0)	1590	6.96 (1.83 - 9.25)
	13	13	07	33	2.68	2.68	1.43	6.8 (1.9 - 8.0)	1620	7.10 (1.88 - 9.50)
	16	13	07	36	3.02	2.46	1.32	6.8 (1.9 - 8.0)	1580	6.92 (1.83 - 9.15)
	10	10	10	30	2.26	2.27	2.27	6.8 (1.9 - 8.0)	1650	7.21 (1.88 - 9.70)
	13	10	10	33	2.68	2.06	2.06	6.8 (1.9 - 8.0)	1620	7.10 (1.88 - 9.55)
	16	10	10	36	3.03	1.89	1.89	6.8 (1.9 - 8.0)	1580	6.92 (1.75 - 9.10)
	13	13	10	36	2.46	2.46	1.89	6.8 (1.9 - 8.0)	1620	7.10 (1.88 - 9.40)

The above specification values are those under the conditions that the indoor DB/WB=20/- °C and the outdoor DB/WB=7/6°C.