

TOSHIBA

 **INVERTER**
MULTI SYSTEM



**Inverter Multi Air Conditioning
for Residential Usage**

TOSHIBA INVERTER MULTI SYSTEM

Luxury through Technology in Inverter Multi Systems

When it is necessary to provide total comfort solution for a multi-room application, Toshiba Inverter Multi Systems offer the perfect answer for any kind of requirement.

One outdoor unit is capable of operating 2, 3, 4, 5 indoor units. They are compact and elegant as they are designed to blend in with any room interior. In fact, Toshiba offers a wide range of possibilities to create all the comfort you desire.

The full range of indoor units can satisfy every kind of need: it includes unobtrusive modern high wall, ducted units and compact 4-way cassette units, that provide hi-tech and sophisticated design and complete air filtration at the same time. Moreover, the efficient inverter systems are composed of high quality components: Control electronics, motor, compressor...

Toshiba solutions are studied and verified in every tiny element and are recognised universally by air conditioning professionals for their total reliability. In fact, for Toshiba quality has always been a priority and today and into the future, the quality of Toshiba products will continue to differentiate it from other manufacturers.

Wider Selection

Choosing from three types of indoor units, High wall, Compact 4-way cassette and Ducted type to suit customer's housing design.

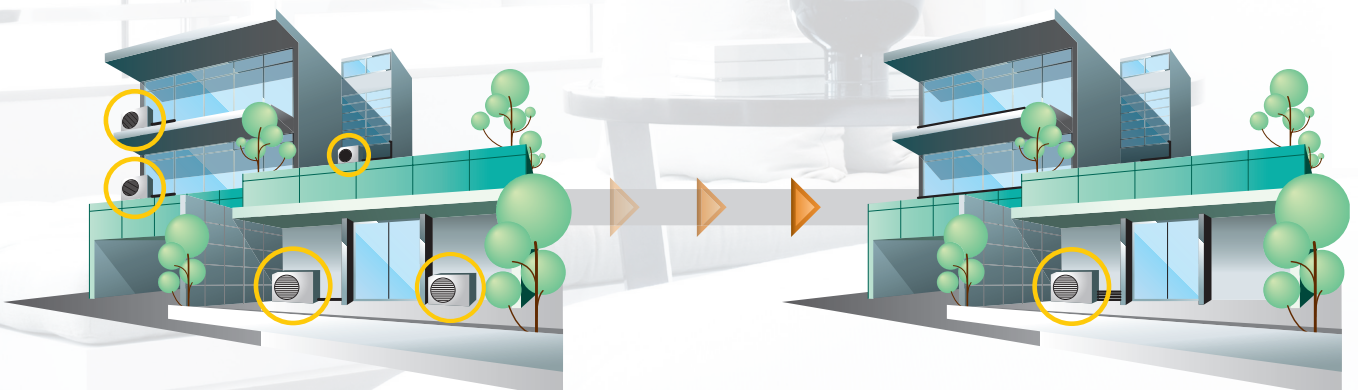
Space saving

Toshiba Inverter Multi System outdoor units are lightweight and compact. Just one outdoor unit takes up little space on a wall or in yard. It keeps the exterior of buildings neat with quieter operation.

High wall



High wall





Energy saving

Quieter operation

Space saving

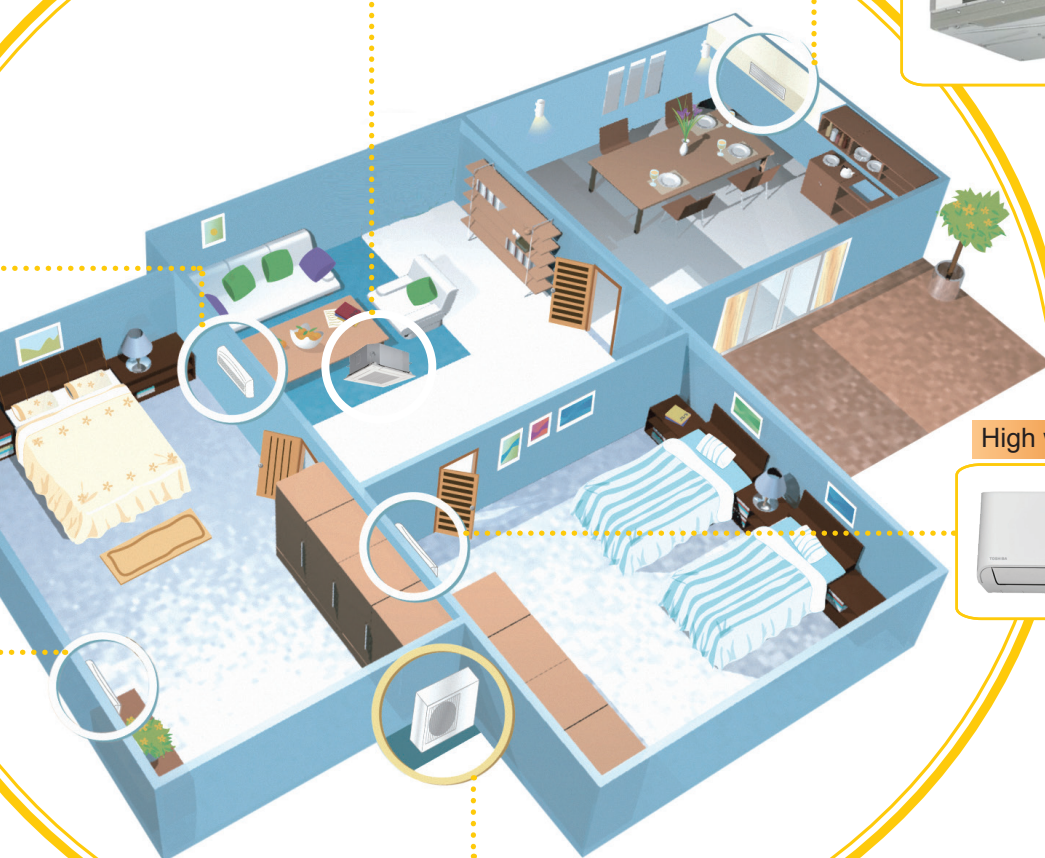
Compact 4-way cassette



Ducted



High wall

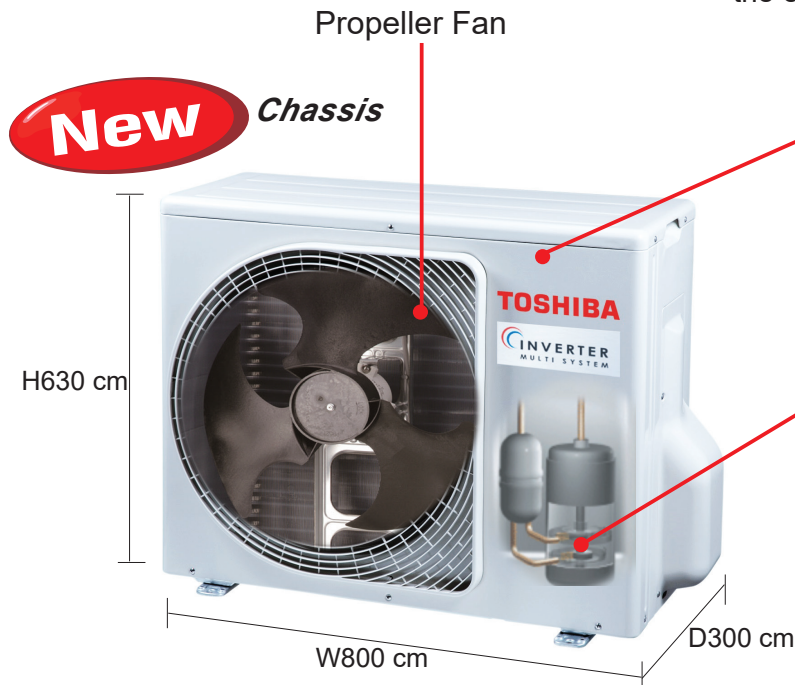


Flexibility

One external compressor can serve up to five interior units for exceptional flexibility, economy and reliability.

TOSHIBA's unique energy-efficient air conditioning technologies deliver energy savings.

HIGH Efficiency Improve the efficiency of air flow due to reduce the electrical power for air flow.



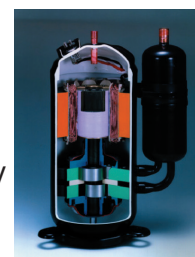
Inverter and Compressor control
Smooth Compressor operation.



Twin-rotary Compressor

Improved the efficiency via developed new motor and compression unit.

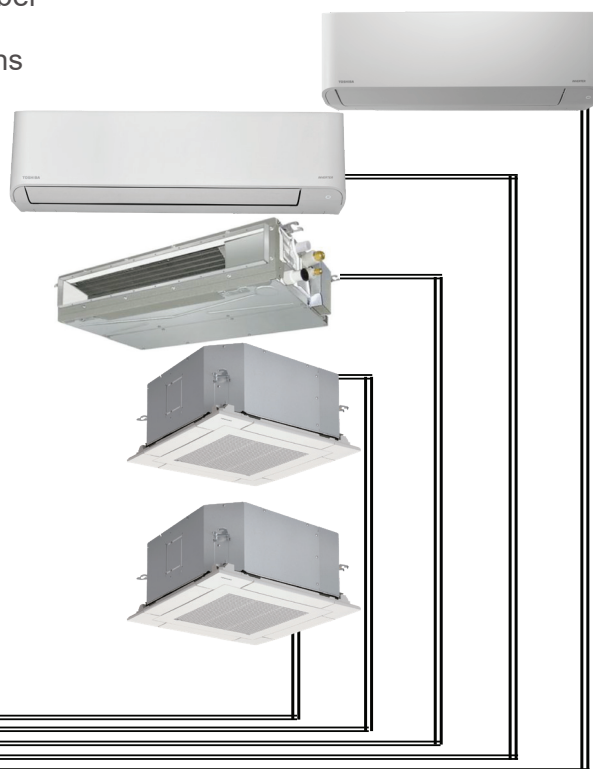
Improved system efficiency thru less discharged oil in refrigeration circuit.



*RAS-2M14S3AV-E, RAS-3M18S3AV-E

How to select...

- Step 1:** Select the indoor unit to be installed in each room.
- Step 2:** Select the best outdoor unit to based on the number of indoor units and overall system capacity required.
- Step 3:** Check system compatibility. Possible combinations depends on outdoor unit chosen.



Note: Difference type of indoor unit can be connected in the same system. Refer to the matching table to see the size available for each system combination.

Connectable

Indoor unit type		High-wall (N4KV)	Ducted	Compact 4-Way cassette
Heat Pump				
RAS-2M14S3AV-E				
	07	-	RAS-M07U2DVG-E	-
	10	RAS-M10N4KV	RAS-M10U2DVG-E	RAS-M10U2MUVG-E
	13	RAS-M13N4KV	RAS-M13U2DVG-E	RAS-M13U2MUVG-E
	16	-	-	-
	22	-	-	-
	24	-	-	-
RAS-3M18S3AV-E				
	07	-	RAS-M07U2DVG-E	-
	10	RAS-M10N4KV	RAS-M10U2DVG-E	RAS-M10U2MUVG-E
	13	RAS-M13N4KV	RAS-M13U2DVG-E	RAS-M13U2MUVG-E
	16	RAS-M16N4KV	RAS-M16U2DVG-E	RAS-M16U2MUVG-E
	22	-	-	-
	24	-	-	-
RAS-3M26S3AV-E				
	07	-	RAS-M07U2DVG-E	-
	10	RAS-M10N4KV	RAS-M10U2DVG-E	RAS-M10U2MUVG-E
	13	RAS-M13N4KV	RAS-M13U2DVG-E	RAS-M13U2MUVG-E
	16	RAS-M16N4KV	RAS-M16U2DVG-E	RAS-M16U2MUVG-E
	22	RAS-M22N4KV	RAS-M22U2DVG-E	-
	24	RAS-M24N4KV	RAS-M24U2DVG-E	-
RAS-4M27S3AV-E				
	07	-	RAS-M07U2DVG-E	-
	10	RAS-M10N4KV	RAS-M10U2DVG-E	RAS-M10U2MUVG-E
	13	RAS-M13N4KV	RAS-M13U2DVG-E	RAS-M13U2MUVG-E
	16	RAS-M16N4KV	RAS-M16U2DVG-E	RAS-M16U2MUVG-E
	22	RAS-M22N4KV	RAS-M22U2DVG-E	-
	24	RAS-M24N4KV	RAS-M24U2DVG-E	-
RAS-5M34S3AV-E				
	07	-	RAS-M07U2DVG-E	-
	10	RAS-M10N4KV	RAS-M10U2DVG-E	RAS-M10U2MUVG-E
	13	RAS-M13N4KV	RAS-M13U2DVG-E	RAS-M13U2MUVG-E
	16	RAS-M16N4KV	RAS-M16U2DVG-E	RAS-M16U2MUVG-E
	22	RAS-M22N4KV	RAS-M22U2DVG-E	-
	24	RAS-M24N4KV	RAS-M24U2DVG-E	-

Outdoor unit specifications

Technical specification

Outdoor unit			2 Rooms	3 Rooms			4 Rooms	5 Rooms
(RAS-)			2M14S3AV-E	3M18S3AV-E	3M26S3AV-E	4M27S3AV-E	5M34S3AV-E	
Cooling capacity	kW		4.0	5.2	7.5	8.0	10.0	
Cooling capacity (min. – max.)	kW		1.6 – 4.9	2.4 – 6.5	4.1 – 9.0	4.2 – 9.3	3.7 – 11.0	
Power input	kW	CO	0.83	1.17	2.00	2.29	2.98	
EER	W/W		4.82	4.44	3.75	3.5	3.36	
Heating capacity	kW		4.4	6.8	9.0	9.0	12.0	
Heating capacity (min. – max.)	kW		1.3 – 5.2	1.9 – 8.0	2.0 – 11.2	2.9 – 11.7	2.7 – 14.0	
Power input	kW	HP	0.85	1.58	2.20	1.93	2.83	
COP	W/W		5.18	4.30	4.09	4.67	4.24	
Air Flow	m³/h – l/s	CO	1863 – 518	2177 – 605	2507 – 696	2507 – 696	3666 – 1018	
Sound pressure level	dB(A)	CO	45	47	48	48	52	
Sound power level	dB(A)	CO	58	60	63	63	66	
Operating range	°C	CO	-10 ~ 46	-10 ~ 46	-10 ~ 46	-10 ~ 46	-10 ~ 46	
Sound pressure level	dB(A)	HP	46	50	49	49	55	
Sound power level	dB(A)	HP	59	63	64	64	68	
Operating range	°C	HP	-20 ~ 24	-20 ~ 24	-15 ~ 24	-15 ~ 24	-15 ~ 24	
Dimensions (h x w x d)	mm		630 x 800 x 300	630 x 800 x 300	890 x 900 x 320	890 x 900 x 320	890 x 900 x 320	
Weight	kg		44	46	72	72	78	
Compressor type			DC Twin rotary	DC Twin rotary	DC Twin rotary	DC Twin rotary	DC Twin rotary	
Flare connections - Gas	inch		3/8 x 2	3/8 x 2 + 1/2	3/8 + 1/2 x 2	3/8 x 2 + 1/2 x 2	3/8 x 3 + 1/2 x 2	
Flare connections - Liquid	inch		1/4 x 2	1/4 x 3	1/4 x 3	1/4 x 4	1/4 x 5	
Minimum pipe length	m		2	3	3	3	3	
Maximum pipe length (per unit/total)	m		20/30	25/50	25/70	25/70	25/80	
Maximum height difference	m		10	10	15	15	15	
Chargeless pipe length	m		30	50	40	40	40	
Power supply	V-ph-Hz		220/240-1-50, 220-1-60	220/240-1-50, 220-1-60	220/240-1-50, 220-1-60	220/240-1-50, 220-1-60	220/240-1-50, 220-1-60	

Rated conditions:

Cooling: Indoor air temperature 27°C DB/19°C WB, Outdoor air temperature 35°C DB
Heating: Indoor air temperature 20°C DB, Outdoor air temperature 7°C DB/6°C WB

2 - 5 Rooms Inverter Multi System

2 Rooms
RAS-2M14S3AV-E

3 Rooms
RAS-3M18S3AV-E



3 Rooms
RAS-3M26S3AV-E

4 Rooms
RAS-4M27S3AV-E

5 Rooms
RAS-5M34S3AV-E



Indoor unit specifications

Standard supply



N4KV
High-wall

Technical specification

Indoor unit (RAS-)			M10N4KV	M13N4KV	M16N4KV	M22N4KV	M24N4KV
Air flow (h)	m³/h – l/s	CO	540 - 150	600 - 167	750 - 208	984 - 273	1074 - 298
Sound pressure level (h/l)	dB(A)	CO	39/24(21)	41/24(21)	43/25(22)	45/34(27)	47/35(28)
Sound power level (h)	dB(A)	CO	54	56	58	60	62
Air flow (h)	m³/h – l/s	HP	552 - 153	618 - 172	768 - 213	984 - 273	1128 - 313
Sound pressure level (h/l)	dB(A)	HP	39/24(21)	42/24(21)	43/25(22)	46/34(27)	48/35(28)
Sound power level (h)	dB(A)	HP	54	57	58	61	63
Dimensions (h × w × d)	mm		293 × 798 × 230	293 × 798 × 230	293 × 798 × 230	320 × 1050 × 250	320×1050×250
Weight	kg		9	9	10	14	14
Flare connections - Gas	mm (inch)		9.52 (3/8")	9.52 (3/8")	12.7 (1/2")	12.7 (1/2")	12.7 (1/2")
Flare connections - Liquid	mm (inch)		6.35 (1/4")	6.35 (1/4")	6.35 (1/4")	6.35 (1/4")	6.35 (1/4")

Standard supply



U2DVG
Ducted

Technical specification

Indoor unit (RAS-)			M07U2DVG-E	M10U2DVG-E	M13U2DVG-E	M16U2DVG-E	M22U2DVG-E	M24U2DVG-E
Air flow (h)	m³/h – l/s	CO	570 - 158	570 - 158	610 - 169	780 - 217	1000 - 278	1060 - 294
Sound pressure level (h/l)	dB(A)	CO	35/27	35/27	35/27	35/24	38/32	39/33
Sound power level (h/l)	dB(A)	CO	50/42	50/42	52/42	50/39	53/47	54/48
Air flow (h)	m³/h – l/s	HP	570 - 158	570 - 158	610 - 169	780 - 217	1000 - 278	1060 - 294
Sound pressure level (h/l)	dB(A)	HP	35/27	35/27	37/27	35/25	38/32	39/33
Sound power level (h/l)	dB(A)	HP	50/42	50/42	52/42	50/42	53/42	54/48
Dimensions (h × w × d)	mm		210 × 700 × 450	210 × 700 × 450	210 × 700 × 450	210 × 900 × 450	210 × 1100 × 450	210 × 1100 × 450
Weight	kg		16	16	16	19	22	22
Flare connections - Gas	mm (inch)		9.52 (3/8")	9.52 (3/8")	9.52 (3/8")	12.7 (1/2")	12.7 (1/2")	12.7 (1/2")
Flare connections - Liquid	mm (inch)		6.35 (1/4")	6.35 (1/4")	6.35 (1/4")	6.35 (1/4")	6.35 (1/4")	6.35 (1/4")
External static pressure (stand / middle1 / middle2 / upper)	Pa		35/45/60/75	35/45/60/75	35/45/60/75	35/45/60/75	35/45/60/75	35/45/60/75

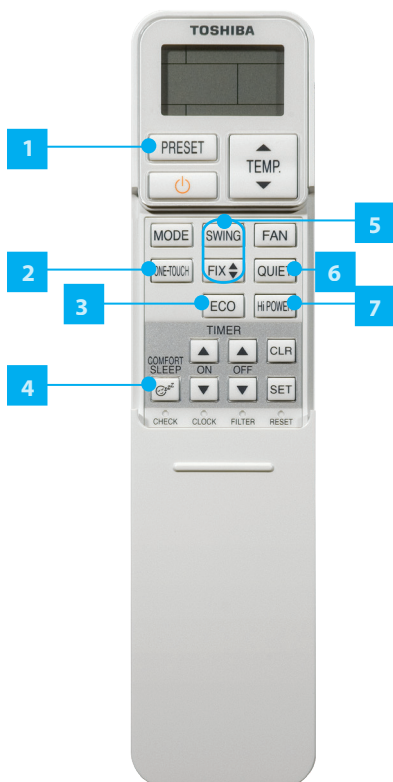


U2MUVG
Compact 4-Way cassette

Technical specification

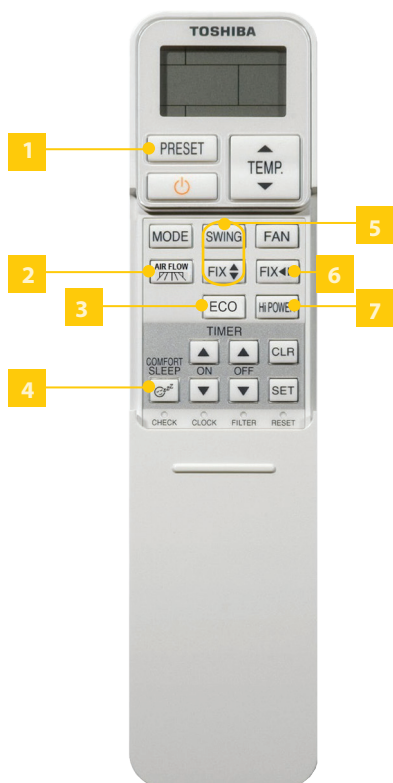
Indoor unit (RAS-)			M10U2MUVG-E	M13U2MUVG-E	M16U2MUVG-E
Air flow (h)	m³/h – l/s	CO	590 - 164	620 - 172	660 - 183
Sound pressure level (h/l)	dB(A)	CO	37/30	39/33	41/33
Sound power level (h/l)	dB(A)	CO	52/45	54/48	56/48
Air flow (h)	m³/h – l/s	HP	590 - 164	620 - 172	660 - 183
Sound pressure level (h/l)	dB(A)	HP	37/30	39/33	41/32
Sound power level (h/l)	dB(A)	HP	52/45	54/48	58/47
Dimensions (h × w × d)	mm		256 × 575 × 575	256 × 575 × 575	256 × 575 × 575
Weight	kg		15	15	15
Flare connections - Gas	mm (inch)		9.52 (3/8")	9.52 (3/8")	12.7 (1/2")
Flare connections - Liquid	mm (inch)		6.35 (1/4")	6.35 (1/4")	6.35 (1/4")

Remote controllers



Available for RAS-M10,13,16N4KV & U2DVG-E

- 1 One Touch Preset**
Store your desired settings and activate them at the touch of a button.
- 2 One Touch My Comfort**
Toshiba has conducted extensive studies to assess customer behavior in order to offer a combination of features that is perfect for you.
- 3 Eco**
Possible to automatically control room to save energy (except in Dry mode)
- 4 Comfort Sleep**
For optimum comfort, set temperature is automatically risen by 1°C after 1 hour, then another degree after 2 hours, which will be maintained until morning.
- 5 Swing & Fix Louver**
Select your optimum airflow by selecting from a range of Fixed and Swing louver positions.
- 6 Quiet**
Possible to operate at super low fan speed for quiet operation (except in Dry mode)
- 7 Hi-Power**
Possible to automatically control room temperature and cooling or heating capacity for faster cooling or heating operation (except in Dry mode)



Available for RAS-M22,24N4KV

- 1 One Touch Preset**
Store your desired settings and activate them at the touch of a button.
- 2 Air Flow Direction**
- 3 Eco**
Possible to automatically control room to save energy (except in Dry mode)
- 4 Comfort Sleep**
For optimum comfort, set temperature is automatically risen by 1°C after 1 hour, then another degree after 2 hours, which will be maintained until morning.
- 5 Swing & Fix Louver**
Select your optimum airflow by selecting from a range of Fixed and Swing louver positions.
- 6 Quiet**
Possible to operate at super low fan speed for quiet operation (except in Dry mode)
- 7 Hi-Power**
Possible to automatically control room temperature and cooling or heating capacity for faster cooling or heating operation (except in Dry mode)

Option Accessories

Parts Name	Model Name	Applied Model
WiFi module	RB-N105S-G	High-wall
	RB-N106S-G	
Wired remote controller	RB-RWS21-E	Ducted and Compact 4-Way cassette



RB-N105S-G,
RB-N106S-G



RB-RWS21-E

2x1

Cooling, 230V

RAS-2M14S3AV-E | Heat pump

Operating status	Indoor unit		Unit capacity (kW)		Cooling capacity (kW)			Power input (W)			Operating current (A)			EER
	Unit A	Unit B	Unit A	Unit B	Min.	Rated	Max.	Min.	Rated	Max.	Min.	Rated	Max.	Rated
1 unit operation	07	-	2.00	-	1.3	2.0	3.0	260	400	840	1.47	2.22	3.91	5.00
	10	-	2.70	-	1.3	2.7	3.2	260	640	860	1.47	3.24	4.00	4.22
	13	-	3.70	-	1.3	3.7	3.8	260	1050	1150	1.47	4.86	5.31	3.52
2 units operation	07	07	2.00	2.00	1.6	4.0	4.5	290	940	1130	1.64	4.36	5.22	4.26
	10	07	2.30	1.70	1.6	4.0	4.6	290	870	1130	1.64	4.05	5.22	4.60
	13	07	2.60	1.40	1.6	4.0	4.7	290	850	1140	1.64	3.96	5.26	4.71
	10	10	2.00	2.00	1.6	4.0	4.7	290	850	1140	1.64	3.96	5.26	4.71
	13	10	2.31	1.69	1.6	4.0	4.8	290	840	1150	1.64	3.91	5.31	4.76
	13	13	2.00	2.00	1.6	4.0	4.9	290	830	1150	1.64	3.87	5.31	4.82

Heating, 230V

Operating status	Indoor unit		Unit capacity (kW)		Cooling capacity (kW)			Power input (W)			Operating current (A)			COP
	Unit A	Unit B	Unit A	Unit B	Min.	Rated	Max.	Min.	Rated	Max.	Min.	Rated	Max.	Rated
1 unit operation	07	-	2.70	-	0.9	2.7	4.3	190	620	1390	1.08	3.20	6.37	4.35
	10	-	4.00	-	0.9	4.0	4.4	190	1120	1360	1.08	5.17	6.24	3.57
	13	-	4.40	-	1.0	4.4	4.7	190	1260	1480	1.08	5.80	6.77	3.49
2 units operation	07	07	2.20	2.20	1.3	4.4	5.1	240	920	1270	1.36	4.27	5.84	4.78
	10	07	2.63	1.77	1.3	4.4	5.1	250	910	1250	1.42	4.23	5.75	4.84
	13	07	2.73	1.67	1.3	4.4	5.2	250	880	1250	1.42	4.09	5.75	5.00
	10	10	2.20	2.20	1.3	4.4	5.1	250	890	1230	1.42	4.14	5.66	4.94
	13	10	2.30	2.10	1.3	4.4	5.2	250	870	1230	1.42	4.05	5.66	5.06
	13	13	2.20	2.20	1.3	4.4	5.2	250	850	1220	1.42	3.96	5.62	5.18

3x1

Cooling, 230V

RAS-3M18S3AV-E | Heat pump

Operating status	Indoor unit			Unit capacity (kW)			Cooling capacity (kW)			Power input (W)			Operating current (A)			EER
	Unit A	Unit B	Unit C	Unit A	Unit B	Unit C	Min.	Rated	Max.	Min.	Rated	Max.	Min.	Rated	Max.	Rated
1 unit operation	07	-	-	2.00	-	-	1.4	2.0	3.0	280	410	870	1.58	2.28	4.05	4.88
	10	-	-	2.70	-	-	1.4	2.7	3.2	280	650	890	1.58	3.26	4.14	4.15
	13	-	-	3.70	-	-	1.5	3.7	4.2	280	1080	1440	1.58	4.99	6.60	3.43
	16	-	-	4.50	-	-	1.6	4.5	5.0	280	1370	1730	1.58	6.29	7.88	3.28
2 units operation	07	07	-	2.00	2.00	-	2.4	4.0	5.5	390	970	1750	2.17	4.50	7.97	4.12
	10	07	-	2.70	2.00	-	2.4	4.7	5.8	390	1290	1880	2.17	5.93	8.54	3.64
	13	07	-	3.38	1.82	-	2.4	5.2	5.9	390	1530	1890	2.17	6.99	8.59	3.40
	16	07	-	3.60	1.60	-	2.4	5.2	6.2	390	1420	1920	2.17	6.51	8.72	3.66
	10	10	-	2.60	2.60	-	2.4	5.2	5.9	390	1570	1890	2.17	7.17	8.59	3.31
	13	10	-	3.01	2.19	-	2.4	5.2	6.0	390	1520	1900	2.17	6.95	8.63	3.42
	16	10	-	3.25	1.95	-	2.4	5.2	6.3	390	1410	1920	2.17	6.46	8.72	3.69
	13	13	-	2.60	2.60	-	2.4	5.2	6.1	390	1470	1900	2.17	6.73	8.63	3.54
	16	13	-	2.85	2.35	-	2.4	5.2	6.2	390	1380	1930	2.17	6.33	8.76	3.77
	16	16	-	2.60	2.60	-	2.4	5.2	6.4	390	1340	1950	2.17	6.15	8.85	3.88

3x1

Cooling, 230V

RAS-3M18S3AV-E | Heat pump

Operating status	Indoor unit			Unit capacity (kW)			Cooling capacity (kW)			Power input (W)			Operating current (A)			EER
	Unit A	Unit B	Unit C	Unit A	Unit B	Unit C	Min.	Rated	Max.	Min.	Rated	Max.	Min.	Rated	Max.	Rated
3 units operation	07	07	07	1.74	1.73	1.73	2.4	5.2	6.5	400	1220	1950	2.22	5.62	8.85	4.26
	10	07	07	2.10	1.55	1.55	2.4	5.2	6.5	400	1210	1950	2.22	5.57	8.85	4.30
	13	07	07	2.50	1.35	1.35	2.4	5.2	6.5	400	1200	1950	2.22	5.53	8.85	4.33
	16	07	07	2.76	1.22	1.22	2.4	5.2	6.5	400	1190	1950	2.22	5.48	8.85	4.37
	10	10	07	1.90	1.90	1.40	2.4	5.2	6.5	400	1200	1950	2.22	5.53	8.85	4.33
	13	10	07	2.29	1.67	1.24	2.4	5.2	6.5	400	1190	1950	2.22	5.48	8.85	4.37
	16	10	07	2.54	1.53	1.13	2.4	5.2	6.5	400	1180	1950	2.22	5.44	8.85	4.41
	13	13	07	2.05	2.05	1.10	2.4	5.2	6.5	400	1180	1950	2.22	5.44	8.85	4.41
	16	13	07	2.29	1.89	1.02	2.4	5.2	6.5	400	1170	1950	2.22	5.39	8.85	4.44
	10	10	10	1.74	1.73	1.73	2.4	5.2	6.5	400	1190	1950	2.22	5.48	8.85	4.37
	13	10	10	2.12	1.54	1.54	2.4	5.2	6.5	400	1180	1950	2.22	5.44	8.85	4.41
	16	10	10	2.36	1.42	1.42	2.4	5.2	6.5	400	1170	1950	2.22	5.39	8.85	4.44
	13	13	10	1.90	1.90	1.40	2.4	5.2	6.5	400	1170	1950	2.22	5.39	8.85	4.44

Heating, 230V

Operating status	Indoor unit			Unit capacity (kW)			Cooling capacity (kW)			Power input (W)			Operating current (A)			EER
	Unit A	Unit B	Unit C	Unit A	Unit B	Unit C	Min.	Rated	Max.	Min.	Rated	Max.	Min.	Rated	Max.	Rated
1 unit operation	07	-	-	2.00	-	-	1.1	2.7	4.9	210	630	1690	1.19	3.22	7.70	4.29
	10	-	-	4.00	-	-	1.1	4.0	5.0	210	1160	1650	1.19	5.35	7.53	3.45
	13	-	-	5.00	-	-	1.1	5.0	5.5	220	1580	1880	1.25	7.22	8.54	3.16
	16	-	-	5.50	-	-	1.1	5.5	6.6	220	1700	2380	1.25	7.75	10.76	3.24
2 units operation	07	07	-	2.70	2.70	-	1.9	5.4	7.2	370	1410	2300	2.07	6.46	10.41	3.83
	10	07	-	4.00	2.70	-	1.9	6.7	7.2	370	1970	2260	2.07	8.94	10.23	3.40
	13	07	-	4.42	2.38	-	1.9	6.8	7.5	370	1960	2310	2.07	8.90	10.45	3.47
	16	07	-	4.56	2.24	-	1.9	6.8	7.5	350	1820	2140	1.96	8.28	9.70	3.74
	10	10	-	3.40	3.40	-	1.9	6.8	7.3	370	1980	2210	2.07	8.99	10.01	3.43
	13	10	-	3.78	3.02	-	1.9	6.8	7.5	370	1920	2260	2.07	8.72	10.23	3.54
	16	10	-	3.94	2.86	-	1.9	6.8	7.5	350	1790	2130	1.96	8.14	9.65	3.80
	13	13	-	3.40	3.40	-	1.9	6.8	7.5	370	1870	2220	2.07	8.50	10.05	3.64
	16	13	-	3.56	3.24	-	1.9	6.8	7.5	350	1730	2070	1.96	7.88	9.38	3.93
	16	16	-	3.40	3.40	-	1.9	6.8	7.5	350	1640	1960	1.96	7.48	8.90	4.15
3 units operation	07	07	07	2.26	2.27	2.27	1.9	6.8	8.0	350	1700	2320	1.96	7.75	10.50	4.00
	10	07	07	2.90	1.95	1.95	1.9	6.8	8.0	350	1680	2290	1.96	7.66	10.36	4.05
	13	07	07	3.26	1.77	1.77	1.9	6.8	8.0	350	1650	2250	1.96	7.53	10.18	4.12
	16	07	07	3.44	1.68	1.68	1.9	6.8	8.0	340	1600	2150	1.91	7.30	9.74	4.25
	10	10	07	2.54	2.54	1.72	1.9	6.8	8.0	350	1660	2260	1.96	7.57	10.23	4.10
	13	10	07	2.91	2.32	1.57	1.9	6.8	8.0	350	1640	2220	1.96	7.48	10.05	4.15
	16	10	07	3.07	2.23	1.50	1.9	6.8	8.0	340	1590	2130	1.91	7.26	9.65	4.28
	13	13	07	2.68	2.68	1.44	1.9	6.8	8.0	350	1620	2190	1.96	7.39	9.92	4.20
	16	13	07	2.83	2.58	1.39	1.9	6.8	8.0	340	1580	2110	1.91	7.22	9.56	4.30
	10	10	10	2.26	2.27	2.27	1.9	6.8	8.0	350	1650	2230	1.96	7.53	10.10	4.12
	13	10	10	2.62	2.09	2.09	1.9	6.8	8.0	350	1620	2200	1.96	7.39	9.96	4.20
	16	10	10	2.78	2.01	2.01	1.9	6.8	8.0	330	1580	2090	1.85	7.22	9.47	4.30
	13	13	10	2.43	2.43	1.94	1.9	6.8	8.0	350	1620	2160	1.96	7.39	9.78	4.20

Operating status	Indoor unit			Unit capacity (kW)			Cooling capacity (kW)			Power input (W)			Operating current (A)			EER
	Unit A	Unit B	Unit C	Unit A	Unit B	Unit C	Min.	Rated	Max.	Min.	Rated	Max.	Min.	Rated	Max.	Rated
1 units operation	07	-	-	2.00	-	-	1.4	2.0	2.5	640	650	700	3.83	3.84	3.74	3.08
	10	-	-	2.70	-	-	1.4	2.7	3.2	640	750	950	3.83	4.43	4.64	3.60
	13	-	-	3.70	-	-	1.4	3.7	4.4	640	1200	1520	3.68	6.20	7.20	3.08
	16	-	-	4.50	-	-	1.4	4.5	5.0	640	1650	2000	3.68	7.98	9.28	2.73
	22	-	-	6.00	-	-	2.4	6.0	6.8	640	2020	2500	3.68	9.56	11.60	2.97
	24	-	-	7.10	-	-	2.4	7.1	7.2	660	2390	2960	3.80	11.32	13.73	2.97
2 units operation	07	07	-	2.00	2.00	-	2.5	4.0	6.3	640	950	1900	3.64	4.55	8.81	4.21
	10	07	-	2.70	2.00	-	2.5	4.7	6.3	640	1200	1900	3.64	5.74	8.81	3.92
	13	07	-	3.70	2.00	-	2.6	5.7	6.5	660	1600	2220	3.75	7.66	10.30	3.56
	16	07	-	4.08	1.82	-	2.7	5.9	6.6	660	1700	2220	3.75	8.13	10.30	3.47
	22	07	-	4.73	1.58	-	2.9	6.3	7.1	670	2000	2400	3.81	9.57	11.13	3.15
	24	07	-	5.31	1.49	-	3.0	6.8	7.4	690	2200	2450	3.92	10.53	11.36	3.09
	10	10	-	2.70	2.70	-	2.5	5.4	6.3	640	1500	1900	3.64	7.18	8.81	3.60
	13	10	-	3.41	2.49	-	2.7	5.9	6.6	660	1700	2220	3.75	8.13	10.30	3.47
	16	10	-	3.94	2.36	-	2.9	6.3	6.9	670	2000	2400	3.81	9.57	11.13	3.15
	22	10	-	4.69	2.11	-	3.0	6.8	7.4	690	2200	2450	3.92	10.53	11.36	3.09
	24	10	-	5.22	1.98	-	3.2	7.2	7.8	700	2300	2500	3.98	11.00	11.60	3.13
	13	13	-	3.15	3.15	-	2.9	6.3	7.1	670	2000	2400	3.81	9.57	11.13	3.15
	16	13	-	3.73	3.07	-	3.0	6.8	7.4	690	2200	2450	3.92	10.53	11.36	3.09
	22	13	-	4.45	2.75	-	3.2	7.2	7.8	700	2300	2500	3.98	11.00	11.60	3.13
	24	13	-	4.73	2.47	-	3.2	7.2	8.4	700	2300	2550	3.98	11.00	11.83	3.13
	16	16	-	3.60	3.60	-	3.2	7.2	7.8	700	2300	2500	3.98	11.00	11.60	3.13
	22	16	-	4.17	3.13	-	3.2	7.3	8.4	700	2400	2550	3.98	11.48	11.83	3.04
	24	16	-	4.47	2.83	-	3.2	7.3	8.4	700	2400	2550	3.98	11.48	11.83	3.04
3 units operation	07	07	07	2.00	2.00	2.00	3.8	6.0	8.4	950	1400	2720	4.80	6.70	12.62	4.29
	10	07	07	2.70	2.00	2.00	3.8	6.7	8.4	950	1660	2720	4.80	7.94	12.62	4.04
	13	07	07	3.56	1.92	1.92	3.9	7.4	8.6	960	1975	2750	4.85	9.45	12.76	3.75
	16	07	07	3.92	1.74	1.74	3.9	7.4	8.6	960	1975	2750	4.85	9.45	12.76	3.75
	22	07	07	4.44	1.48	1.48	4.0	7.4	8.8	970	1975	2770	4.90	9.45	12.85	3.75
	24	07	07	4.73	1.33	1.33	4.0	7.4	8.8	970	1975	2770	4.90	9.45	12.85	3.75
	10	10	07	2.70	2.70	2.00	3.8	7.4	8.4	950	1850	2720	4.80	8.85	12.62	4.00
	13	10	07	3.26	2.38	1.76	3.9	7.4	8.6	960	1975	2750	4.85	9.45	12.76	3.75
	16	10	07	3.62	2.17	1.61	4.0	7.4	8.8	970	1975	2770	4.90	9.45	12.85	3.75
	22	10	07	4.15	1.87	1.38	4.0	7.4	8.8	970	1975	2770	4.90	9.45	12.85	3.75
	24	10	07	4.45	1.69	1.25	4.0	7.4	8.8	970	1975	2770	4.90	9.45	12.85	3.75
	13	13	07	2.91	2.91	1.57	4.0	7.4	8.8	970	1975	2770	4.90	9.45	12.85	3.75
	16	13	07	3.26	2.68	1.45	4.0	7.4	8.8	970	1975	2770	4.90	9.45	12.85	3.75
	22	13	07	3.79	2.34	1.26	4.0	7.4	8.8	970	1975	2770	4.90	9.45	12.85	3.75
	24	13	07	4.10	2.14	1.16	4.0	7.4	8.8	970	1975	2770	4.90	9.45	12.85	3.75
	16	16	07	3.03	3.03	1.35	4.0	7.4	8.8	970	1975	2770	4.90	9.45	12.85	3.75
	22	16	07	3.60	2.70	1.20	4.1	7.5	9.0	980	2000	2800	4.95	9.57	12.99	3.75
	24	16	07	3.92	2.48	1.10	4.1	7.5	9.0	980	2000	2800	4.95	9.57	12.99	3.75
	10	10	10	2.47	2.47	2.47	3.9	7.4	8.6	960	1975	2750	4.85	9.45	12.76	3.75

Cooling, 220V

Operating status	Indoor unit			Unit capacity (kW)			Cooling capacity (kW)			Power input (W)			Operating current (A)			EER
	Unit A	Unit B	Unit C	Unit A	Unit B	Unit C	Min.	Rated	Max.	Min.	Rated	Max.	Min.	Rated	Max.	Rated
3 units operation	13	10	10	3.01	2.20	2.20	4.0	7.4	8.8	970	1975	2770	4.90	9.45	12.85	3.75
	16	10	10	3.36	2.02	2.02	4.0	7.4	8.8	970	1975	2770	4.90	9.45	12.85	3.75
	22	10	10	3.89	1.75	1.75	4.0	7.4	8.8	970	1975	2770	4.90	9.45	12.85	3.75
	24	10	10	4.20	1.60	1.60	4.0	7.4	8.8	970	1975	2770	4.90	9.45	12.85	3.75
	13	13	10	2.71	2.71	1.98	4.0	7.4	8.8	970	1975	2770	4.90	9.45	12.85	3.75
	16	13	10	3.06	2.51	1.83	4.0	7.4	8.8	970	1975	2770	4.90	9.45	12.85	3.75
	22	13	10	3.63	2.24	1.63	4.1	7.5	9.0	980	2000	2800	4.95	9.57	12.99	3.75
	24	13	10	3.94	2.06	1.50	4.1	7.5	9.0	980	2000	2800	4.95	9.57	12.99	3.75
	16	16	10	2.85	2.85	1.71	4.0	7.4	8.8	970	1975	2770	4.90	9.45	12.85	3.75
	22	16	10	3.41	2.56	1.53	4.1	7.5	9.0	980	2000	2800	4.95	9.57	12.99	3.75
	24	16	10	3.72	2.36	1.42	4.1	7.5	9.0	980	2000	2800	4.95	9.57	12.99	3.75
	13	13	13	2.47	2.47	2.47	4.0	7.4	8.8	970	1975	2770	4.90	9.45	12.85	3.75
	16	13	13	2.80	2.30	2.30	4.0	7.4	8.8	970	1975	2770	4.90	9.45	12.85	3.75
	22	13	13	3.36	2.07	2.07	4.1	7.5	9.0	980	2000	2800	4.95	9.57	12.99	3.75
	24	13	13	3.67	1.91	1.91	4.1	7.5	9.0	980	2000	2800	4.95	9.57	12.99	3.75
	16	16	13	2.66	2.66	2.19	4.1	7.5	9.0	980	2000	2800	4.95	9.57	12.99	3.75
	22	16	13	3.17	2.38	1.95	4.1	7.5	9.0	980	2000	2800	4.95	9.57	12.99	3.75
	24	16	13	3.48	2.21	1.81	4.1	7.5	9.0	980	2000	2800	4.95	9.57	12.99	3.75
	16	16	16	2.50	2.50	2.50	4.1	7.5	9.0	980	2000	2800	4.95	9.57	12.99	3.75
	22	16	16	3.00	2.25	2.25	4.1	7.5	9.0	980	2000	2800	4.95	9.57	12.99	3.75

Cooling, 230V

Operating status	Indoor unit			Unit capacity (kW)			Cooling capacity (kW)			Power input (W)			Operating current (A)			EER
	Unit A	Unit B	Unit C	Unit A	Unit B	Unit C	Min.	Rated	Max.	Min.	Rated	Max.	Min.	Rated	Max.	Rated
1 unit operation	07	-	-	2.00	-	-	1.4	2.0	2.5	640	650	700	3.66	3.67	3.58	3.08
	10	-	-	2.70	-	-	1.4	2.7	3.2	640	750	950	3.66	4.23	4.44	3.60
	13	-	-	3.70	-	-	1.4	3.7	4.4	640	1200	1520	3.52	5.93	6.88	3.08
	16	-	-	4.50	-	-	1.4	4.5	5.0	640	1650	2000	3.52	7.63	8.87	2.73
	22	-	-	6.00	-	-	2.4	6.0	6.8	640	2020	2500	3.52	9.15	11.09	2.97
	24	-	-	7.10	-	-	2.4	7.1	7.2	660	2390	2960	3.63	10.82	13.13	2.97
2 units operation	07	07	-	2.00	2.00	-	2.5	4.0	6.3	640	950	1900	3.48	4.35	8.43	4.21
	10	07	-	2.70	2.00	-	2.5	4.7	6.3	640	1200	1900	3.48	5.49	8.43	3.92
	13	07	-	3.70	2.00	-	2.6	5.7	6.5	660	1600	2220	3.59	7.32	9.85	3.56
	16	07	-	4.08	1.82	-	2.7	5.9	6.6	660	1700	2220	3.59	7.78	9.85	3.47
	22	07	-	4.73	1.58	-	2.9	6.3	7.1	670	2000	2400	3.64	9.15	10.65	3.15
	24	07	-	5.31	1.49	-	3.0	6.8	7.4	690	2200	2450	3.75	10.07	10.87	3.09
	10	10	-	2.70	2.70	-	2.5	5.4	6.3	640	1500	1900	3.48	6.86	8.43	3.60
	13	10	-	3.41	2.49	-	2.7	5.9	6.6	660	1700	2220	3.59	7.78	9.85	3.47
	16	10	-	3.94	2.36	-	2.9	6.3	6.9	670	2000	2400	3.64	9.15	10.65	3.15
	22	10	-	4.69	2.11	-	3.0	6.8	7.4	690	2200	2450	3.75	10.07	10.87	3.09
	24	10	-	5.22	1.98	-	3.2	7.2	7.8	700	2300	2500	3.80	10.53	11.09	3.13
	13	13	-	3.15	3.15	-	2.9	6.3	7.1	670	2000	2400	3.64	9.15	10.65	3.15
	16	13	-	3.73	3.07	-	3.0	6.8	7.4	690	2200	2450	3.75	10.07	10.87	3.09
	22	13	-	4.45	2.75	-	3.2	7.2	7.8	700	2300	2500	3.80	10.53	11.09	3.13
	24	13	-	4.73	2.47	-	3.2	7.2	8.4	700	2300	2550	3.80	10.53	11.31	3.13
	16	16	-	3.60	3.60	-	3.2	7.2	7.8	700	2300	2500	3.80	10.53	11.09	3.13

Cooling, 230V

Operating status	Indoor unit			Unit capacity (kW)			Cooling capacity (kW)			Power input (W)			Operating current (A)			EER
	Unit A	Unit B	Unit C	Unit A	Unit B	Unit C	Min.	Rated	Max.	Min.	Rated	Max.	Min.	Rated	Max.	
2 units operation	22	16	-	4.17	3.13	-	3.2	7.3	8.4	700	2400	2550	3.80	10.98	11.31	3.04
	24	16	-	4.47	2.83	-	3.2	7.3	8.4	700	2400	2550	3.80	10.98	11.31	3.04
3 units operation	07	07	07	2.00	2.00	2.00	3.8	6.0	8.4	950	1400	2720	4.59	6.41	12.07	4.29
	10	07	07	2.70	2.00	2.00	3.8	6.7	8.4	950	1660	2720	4.59	7.60	12.07	4.04
	13	07	07	3.56	1.92	1.92	3.9	7.4	8.6	960	1975	2750	4.64	9.04	12.20	3.75
	16	07	07	3.92	1.74	1.74	3.9	7.4	8.6	960	1975	2750	4.64	9.04	12.20	3.75
	22	07	07	4.44	1.48	1.48	4.0	7.4	8.8	970	1975	2770	4.69	9.04	12.29	3.75
	24	07	07	4.73	1.33	1.33	4.0	7.4	8.8	970	1975	2770	4.69	9.04	12.29	3.75
	10	10	07	2.70	2.70	2.00	3.8	7.4	8.4	950	1850	2720	4.59	8.47	12.07	4.00
	13	10	07	3.26	2.38	1.76	3.9	7.4	8.6	960	1975	2750	4.64	9.04	12.20	3.75
	16	10	07	3.62	2.17	1.61	4.0	7.4	8.8	970	1975	2770	4.69	9.04	12.29	3.75
	22	10	07	4.15	1.87	1.38	4.0	7.4	8.8	970	1975	2770	4.69	9.04	12.29	3.75
	24	10	07	4.45	1.69	1.25	4.0	7.4	8.8	970	1975	2770	4.69	9.04	12.29	3.75
	13	13	07	2.91	2.91	1.57	4.0	7.4	8.8	970	1975	2770	4.69	9.04	12.29	3.75
	16	13	07	3.26	2.68	1.45	4.0	7.4	8.8	970	1975	2770	4.69	9.04	12.29	3.75
	22	13	07	3.79	2.34	1.26	4.0	7.4	8.8	970	1975	2770	4.69	9.04	12.29	3.75
	24	13	07	4.10	2.14	1.16	4.0	7.4	8.8	970	1975	2770	4.69	9.04	12.29	3.75
	16	16	07	3.03	3.03	1.35	4.0	7.4	8.8	970	1975	2770	4.69	9.04	12.29	3.75
	22	16	07	3.60	2.70	1.20	4.1	7.5	9.0	980	2000	2800	4.73	9.15	12.42	3.75
	24	16	07	3.92	2.48	1.10	4.1	7.5	9.0	980	2000	2800	4.73	9.15	12.42	3.75
	10	10	10	2.47	2.47	2.47	3.9	7.4	8.6	960	1975	2750	4.64	9.04	12.20	3.75
	13	10	10	3.01	2.20	2.20	4.0	7.4	8.8	970	1975	2770	4.69	9.04	12.29	3.75
	16	10	10	3.36	2.02	2.02	4.0	7.4	8.8	970	1975	2770	4.69	9.04	12.29	3.75
	22	10	10	3.89	1.75	1.75	4.0	7.4	8.8	970	1975	2770	4.69	9.04	12.29	3.75
	24	10	10	4.20	1.60	1.60	4.0	7.4	8.8	970	1975	2770	4.69	9.04	12.29	3.75
	13	13	10	2.71	2.71	1.98	4.0	7.4	8.8	970	1975	2770	4.69	9.04	12.29	3.75
	16	13	10	3.06	2.51	1.83	4.0	7.4	8.8	970	1975	2770	4.69	9.04	12.29	3.75
	22	13	10	3.63	2.24	1.63	4.1	7.5	9.0	980	2000	2800	4.73	9.15	12.42	3.75
	24	13	10	3.94	2.06	1.50	4.1	7.5	9.0	980	2000	2800	4.73	9.15	12.42	3.75
	16	16	10	2.85	2.85	1.71	4.0	7.4	8.8	970	1975	2770	4.69	9.04	12.29	3.75
	22	16	10	3.41	2.56	1.53	4.1	7.5	9.0	980	2000	2800	4.73	9.15	12.42	3.75
	24	16	10	3.72	2.36	1.42	4.1	7.5	9.0	980	2000	2800	4.73	9.15	12.42	3.75
	13	13	13	2.47	2.47	2.47	4.0	7.4	8.8	970	1975	2770	4.69	9.04	12.29	3.75
	16	13	13	2.80	2.30	2.30	4.0	7.4	8.8	970	1975	2770	4.69	9.04	12.29	3.75
	22	13	13	3.36	2.07	2.07	4.1	7.5	9.0	980	2000	2800	4.73	9.15	12.42	3.75
	24	13	13	3.67	1.91	1.91	4.1	7.5	9.0	980	2000	2800	4.73	9.15	12.42	3.75
	16	16	13	2.66	2.66	2.19	4.1	7.5	9.0	980	2000	2800	4.73	9.15	12.42	3.75
	22	16	13	3.17	2.38	1.95	4.1	7.5	9.0	980	2000	2800	4.73	9.15	12.42	3.75
	24	16	13	3.48	2.21	1.81	4.1	7.5	9.0	980	2000	2800	4.73	9.15	12.42	3.75
	16	16	16	2.50	2.50	2.50	4.1	7.5	9.0	980	2000	2800	4.73	9.15	12.42	3.75
	22	16	16	3.00	2.25	2.25	4.1	7.5	9.0	980	2000	2800	4.73	9.15	12.42	3.75

Cooling, 240V

Operating status	Indoor unit			Unit capacity (kW)			Cooling capacity (kW)			Power input (W)			Operating current (A)			EER
	Unit A	Unit B	Unit C	Unit A	Unit B	Unit C	Min.	Rated	Max.	Min.	Rated	Max.	Min.	Rated	Max.	Rated
1 unit operation	07	-	-	2.00	-	-	1.4	2.0	2.5	640	650	700	3.51	3.52	3.43	3.08
	10	-	-	2.70	-	-	1.4	2.7	3.2	640	750	950	3.51	4.06	4.26	3.60
	13	-	-	3.70	-	-	1.4	3.7	4.4	640	1200	1520	3.38	5.68	6.60	3.08
	16	-	-	4.50	-	-	1.4	4.5	5.0	640	1650	2000	3.38	7.31	8.50	2.73
	22	-	-	6.00	-	-	2.4	6.0	6.8	640	2020	2500	3.38	8.77	10.63	2.97
	24	-	-	7.10	-	-	2.4	7.1	7.2	660	2390	2960	3.48	10.37	12.59	2.97
2 units operation	07	07	-	2.00	2.00	-	2.5	4.0	6.3	640	950	1900	3.33	4.17	8.08	4.21
	10	07	-	2.70	2.00	-	2.5	4.7	6.3	640	1200	1900	3.33	5.26	8.08	3.92
	13	07	-	3.70	2.00	-	2.6	5.7	6.5	660	1600	2220	3.44	7.02	9.44	3.56
	16	07	-	4.08	1.82	-	2.7	5.9	6.6	660	1700	2220	3.44	7.46	9.44	3.47
	22	07	-	4.73	1.58	-	2.9	6.3	7.1	670	2000	2400	3.49	8.77	10.20	3.15
	24	07	-	5.31	1.49	-	3.0	6.8	7.4	690	2200	2450	3.59	9.65	10.42	3.09
	10	10	-	2.70	2.70	-	2.5	5.4	6.3	640	1500	1900	3.33	6.58	8.08	3.60
	13	10	-	3.41	2.49	-	2.7	5.9	6.6	660	1700	2220	3.44	7.46	9.44	3.47
	16	10	-	3.94	2.36	-	2.9	6.3	6.9	670	2000	2400	3.49	8.77	10.20	3.15
	22	10	-	4.69	2.11	-	3.0	6.8	7.4	690	2200	2450	3.59	9.65	10.42	3.09
	24	10	-	5.22	1.98	-	3.2	7.2	7.8	700	2300	2500	3.65	10.09	10.63	3.13
	13	13	-	3.15	3.15	-	2.9	6.3	7.1	670	2000	2400	3.49	8.77	10.20	3.15
	16	13	-	3.73	3.07	-	3.0	6.8	7.4	690	2200	2450	3.59	9.65	10.42	3.09
	22	13	-	4.45	2.75	-	3.2	7.2	7.8	700	2300	2500	3.65	10.09	10.63	3.13
	24	13	-	4.73	2.47	-	3.2	7.2	8.4	700	2300	2550	3.65	10.09	10.84	3.13
	16	16	-	3.60	3.60	-	3.2	7.2	7.8	700	2300	2500	3.65	10.09	10.63	3.13
	22	16	-	4.17	3.13	-	3.2	7.3	8.4	700	2400	2550	3.65	10.53	10.84	3.04
	24	16	-	4.47	2.83	-	3.2	7.3	8.4	700	2400	2550	3.65	10.53	10.84	3.04
3 units operation	07	07	07	2.00	2.00	2.00	3.8	6.0	8.4	950	1400	2720	4.40	6.14	11.56	4.29
	10	07	07	2.70	2.00	2.00	3.8	6.7	8.4	950	1660	2720	4.40	7.28	11.56	4.04
	13	07	07	3.56	1.92	1.92	3.9	7.4	8.6	960	1975	2750	4.44	8.66	11.69	3.75
	16	07	07	3.92	1.74	1.74	3.9	7.4	8.6	960	1975	2750	4.44	8.66	11.69	3.75
	22	07	07	4.44	1.48	1.48	4.0	7.4	8.8	970	1975	2770	4.49	8.66	11.78	3.75
	24	07	07	4.73	1.33	1.33	4.0	7.4	8.8	970	1975	2770	4.49	8.66	11.78	3.75
	10	10	07	2.70	2.70	2.00	3.8	7.4	8.4	950	1850	2720	4.40	8.11	11.56	4.00
	13	10	07	3.26	2.38	1.76	3.9	7.4	8.6	960	1975	2750	4.44	8.66	11.69	3.75
	16	10	07	3.62	2.17	1.61	4.0	7.4	8.8	970	1975	2770	4.49	8.66	11.78	3.75
	22	10	07	4.15	1.87	1.38	4.0	7.4	8.8	970	1975	2770	4.49	8.66	11.78	3.75
	24	10	07	4.45	1.69	1.25	4.0	7.4	8.8	970	1975	2770	4.49	8.66	11.78	3.75
	13	13	07	2.91	2.91	1.57	4.0	7.4	8.8	970	1975	2770	4.49	8.66	11.78	3.75
	16	13	07	3.26	2.68	1.45	4.0	7.4	8.8	970	1975	2770	4.49	8.66	11.78	3.75
	22	13	07	3.79	2.34	1.26	4.0	7.4	8.8	970	1975	2770	4.49	8.66	11.78	3.75
	24	13	07	4.10	2.14	1.16	4.0	7.4	8.8	970	1975	2770	4.49	8.66	11.78	3.75
	16	16	07	3.03	3.03	1.35	4.0	7.4	8.8	970	1975	2770	4.49	8.66	11.78	3.75
	22	16	07	3.60	2.70	1.20	4.1	7.5	9.0	980	2000	2800	4.54	8.77	11.90	3.75
	24	16	07	3.92	2.48	1.10	4.1	7.5	9.0	980	2000	2800	4.54	8.77	11.90	3.75
	10	10	10	2.47	2.47	2.47	3.9	7.4	8.6	960	1975	2750	4.44	8.66	11.69	3.75
	13	10	10	3.01	2.20	2.20	4.0	7.4	8.8	970	1975	2770	4.49	8.66	11.78	3.75
	16	10	10	3.36	2.02	2.02	4.0	7.4	8.8	970	1975	2770	4.49	8.66	11.78	3.75

Cooling, 240V

Operating status	Indoor unit			Unit capacity (kW)			Cooling capacity (kW)			Power input (W)			Operating current (A)			EER
	Unit A	Unit B	Unit C	Unit A	Unit B	Unit C	Min.	Rated	Max.	Min.	Rated	Max.	Min.	Rated	Max.	Rated
3 units operation	22	10	10	3.89	1.75	1.75	4.0	7.4	8.8	970	1975	2770	4.49	8.66	11.78	3.75
	24	10	10	4.20	1.60	1.60	4.0	7.4	8.8	970	1975	2770	4.49	8.66	11.78	3.75
	13	13	10	2.71	2.71	1.98	4.0	7.4	8.8	970	1975	2770	4.49	8.66	11.78	3.75
	16	13	10	3.06	2.51	1.83	4.0	7.4	8.8	970	1975	2770	4.49	8.66	11.78	3.75
	22	13	10	3.63	2.24	1.63	4.1	7.5	9.0	980	2000	2800	4.54	8.77	11.90	3.75
	24	13	10	3.94	2.06	1.50	4.1	7.5	9.0	980	2000	2800	4.54	8.77	11.90	3.75
	16	16	10	2.85	2.85	1.71	4.0	7.4	8.8	970	1975	2770	4.49	8.66	11.78	3.75
	22	16	10	3.41	2.56	1.53	4.1	7.5	9.0	980	2000	2800	4.54	8.77	11.90	3.75
	24	16	10	3.72	2.36	1.42	4.1	7.5	9.0	980	2000	2800	4.54	8.77	11.90	3.75
	13	13	13	2.47	2.47	2.47	4.0	7.4	8.8	970	1975	2770	4.49	8.66	11.78	3.75
	16	13	13	2.80	2.30	2.30	4.0	7.4	8.8	970	1975	2770	4.49	8.66	11.78	3.75
	22	13	13	3.36	2.07	2.07	4.1	7.5	9.0	980	2000	2800	4.54	8.77	11.90	3.75
	24	13	13	3.67	1.91	1.91	4.1	7.5	9.0	980	2000	2800	4.54	8.77	11.90	3.75
	16	16	13	2.66	2.66	2.19	4.1	7.5	9.0	980	2000	2800	4.54	8.77	11.90	3.75
	22	16	13	3.17	2.38	1.95	4.1	7.5	9.0	980	2000	2800	4.54	8.77	11.90	3.75
	24	16	13	3.48	2.21	1.81	4.1	7.5	9.0	980	2000	2800	4.54	8.77	11.90	3.75
	16	16	16	2.50	2.50	2.50	4.1	7.5	9.0	980	2000	2800	4.54	8.77	11.90	3.75
	22	16	16	3.00	2.25	2.25	4.1	7.5	9.0	980	2000	2800	4.54	8.77	11.90	3.75

Heating, 220V

Operating status	Indoor unit			Unit capacity (kW)			Cooling capacity (kW)			Power input (W)			Operating current (A)			EER
	Unit A	Unit B	Unit C	Unit A	Unit B	Unit C	Min.	Rated	Max.	Min.	Rated	Max.	Min.	Rated	Max.	Rated
1 unit operation	07	-	-	2.70	-	-	0.8	2.7	4.8	300	900	1980	1.87	4.70	9.18	3.00
	10	-	-	4.00	-	-	0.8	4.0	5.2	300	1450	1980	1.87	6.94	9.18	2.76
	13	-	-	5.00	-	-	0.8	5.0	6.5	310	2050	2750	1.93	9.81	12.76	2.44
	16	-	-	5.50	-	-	0.8	5.5	6.9	310	2400	3000	1.93	11.48	13.91	2.29
	22	-	-	7.00	-	-	1.8	7.0	8.2	330	2620	3200	2.05	12.41	14.84	2.67
	24	-	-	8.10	-	-	1.8	8.1	8.6	330	3080	3300	2.05	14.58	15.31	2.63
2 units operation	07	07	-	2.70	2.70	-	1.5	5.4	7.4	320	1500	3200	1.94	7.18	14.84	3.60
	10	07	-	4.00	2.70	-	1.5	6.7	8.9	320	2080	3200	1.94	9.95	14.84	3.22
	13	07	-	4.81	2.59	-	1.5	7.4	9.5	320	2300	3200	1.94	11.00	14.84	3.22
	16	07	-	5.10	2.50	-	1.5	7.6	9.5	320	2300	3200	1.94	11.00	14.84	3.30
	22	07	-	5.70	2.20	-	1.5	7.9	9.8	320	2450	3200	1.94	11.72	14.84	3.22
	24	07	-	6.23	2.08	-	1.5	8.3	10.1	320	2500	3250	1.94	11.96	15.07	3.32
	10	10	-	3.60	3.60	-	1.5	7.2	9.5	320	2200	3200	1.94	10.53	14.84	3.27
	13	10	-	4.22	3.38	-	1.5	7.6	9.5	320	2300	3200	1.94	11.00	14.84	3.30
	16	10	-	4.57	3.33	-	1.5	7.9	9.5	320	2450	3200	1.94	11.72	14.84	3.22
	22	10	-	5.28	3.02	-	1.5	8.3	10.1	320	2500	3250	1.94	11.96	15.07	3.32
	24	10	-	5.76	2.84	-	1.5	8.6	10.4	320	2550	3250	1.94	12.20	15.07	3.37
	13	13	-	3.95	3.95	-	1.5	7.9	9.8	320	2450	3200	1.94	11.72	14.84	3.22
	16	13	-	4.35	3.95	-	1.5	8.3	10.1	320	2500	3250	1.94	11.96	15.07	3.32
	22	13	-	5.02	3.58	-	1.5	8.6	10.4	320	2550	3250	1.94	12.20	15.07	3.37
	24	13	-	5.32	3.28	-	1.5	8.6	10.8	320	2550	3250	1.94	12.20	15.07	3.37
	16	16	-	4.30	4.30	-	1.5	8.6	10.4	320	2550	3250	1.94	12.20	15.07	3.37
	22	16	-	4.82	3.78	-	1.5	8.6	10.8	320	2550	3250	1.94	12.20	15.07	3.37
	24	16	-	5.12	3.48	-	1.5	8.6	10.8	320	2550	3250	1.94	12.20	15.07	3.37

Heating, 220V

Operating status	Indoor unit			Unit capacity (kW)			Cooling capacity (kW)			Power input (W)			Operating current (A)			EER
	Unit A	Unit B	Unit C	Unit A	Unit B	Unit C	Min.	Rated	Max.	Min.	Rated	Max.	Min.	Rated	Max.	Rated
3 units operation	07	07	07	2.70	2.70	2.70	2.0	8.1	10.8	380	1800	2750	2.16	8.61	12.76	4.50
	10	07	07	3.53	2.38	2.38	2.0	8.3	10.8	380	1900	2750	2.16	9.09	12.76	4.37
	13	07	07	4.28	2.31	2.31	2.0	8.9	10.8	380	2175	2750	2.16	10.41	12.76	4.09
	16	07	07	4.49	2.20	2.20	2.0	8.9	10.8	380	2175	2750	2.16	10.41	12.76	4.09
	22	07	07	5.02	1.94	1.94	2.0	8.9	11.0	380	2175	2830	2.16	10.41	13.13	4.09
	24	07	07	5.34	1.78	1.78	2.0	8.9	11.0	380	2175	2830	2.16	10.41	13.13	4.09
	10	10	07	3.18	3.18	2.14	2.0	8.5	10.8	380	2000	2750	2.16	9.57	12.76	4.25
	13	10	07	3.80	3.04	2.05	2.0	8.9	10.8	380	2175	2750	2.16	10.41	12.76	4.09
	16	10	07	4.01	2.92	1.97	2.0	8.9	11.0	380	2175	2830	2.16	10.41	13.13	4.09
	22	10	07	4.55	2.60	1.75	2.0	8.9	11.0	380	2175	2830	2.16	10.41	13.13	4.09
	24	10	07	4.87	2.41	1.62	2.0	8.9	11.0	380	2175	2830	2.16	10.41	13.13	4.09
	13	13	07	3.50	3.50	1.89	2.0	8.9	11.0	380	2175	2830	2.16	10.41	13.13	4.09
	16	13	07	3.71	3.37	1.82	2.0	8.9	11.0	380	2175	2830	2.16	10.41	13.13	4.09
	22	13	07	4.24	3.03	1.63	2.0	8.9	11.0	380	2175	2830	2.16	10.41	13.13	4.09
	24	13	07	4.56	2.82	1.52	2.0	8.9	11.0	380	2175	2830	2.16	10.41	13.13	4.09
	16	16	07	3.57	3.57	1.75	2.0	8.9	11.0	380	2175	2830	2.16	10.41	13.13	4.09
	22	16	07	4.14	3.26	1.60	2.0	9.0	11.2	380	2200	2900	2.16	10.53	13.45	4.09
	24	16	07	4.47	3.04	1.49	2.0	9.0	11.2	380	2200	2900	2.16	10.53	13.45	4.09
	10	10	10	2.97	2.97	2.97	2.0	8.9	10.8	380	2175	2750	2.16	10.41	12.76	4.09
	13	10	10	3.42	2.74	2.74	2.0	8.9	11.0	380	2175	2830	2.16	10.41	13.13	4.09
	16	10	10	3.63	2.64	2.64	2.0	8.9	11.0	380	2175	2830	2.16	10.41	13.13	4.09
	22	10	10	4.15	2.37	2.37	2.0	8.9	11.0	380	2175	2830	2.16	10.41	13.13	4.09
	24	10	10	4.48	2.21	2.21	2.0	8.9	11.0	380	2175	2830	2.16	10.41	13.13	4.09
	13	13	10	3.18	3.18	2.54	2.0	8.9	11.0	380	2175	2830	2.16	10.41	13.13	4.09
	16	13	10	3.38	3.07	2.46	2.0	8.9	11.0	380	2175	2830	2.16	10.41	13.13	4.09
	22	13	10	3.94	2.81	2.25	2.0	9.0	11.2	380	2200	2900	2.16	10.53	13.45	4.09
	24	13	10	4.26	2.63	2.11	2.0	9.0	11.2	380	2200	2900	2.16	10.53	13.45	4.09
	16	16	10	3.26	3.26	2.37	2.0	8.9	11.0	380	2175	2830	2.16	10.41	13.13	4.09
	22	16	10	3.82	3.00	2.18	2.0	9.0	11.2	380	2200	2900	2.16	10.53	13.45	4.09
	24	16	10	4.14	2.81	2.05	2.0	9.0	11.2	380	2200	2900	2.16	10.53	13.45	4.09
	13	13	13	2.97	2.97	2.97	2.0	8.9	11.0	380	2175	2830	2.16	10.41	13.13	4.09
	16	13	13	3.16	2.87	2.87	2.0	8.9	11.0	380	2175	2830	2.16	10.41	13.13	4.09
	22	13	13	3.71	2.65	2.65	2.0	9.0	11.2	380	2200	2900	2.16	10.53	13.45	4.09
	24	13	13	4.03	2.49	2.49	2.0	9.0	11.2	380	2200	2900	2.16	10.53	13.45	4.09
	16	16	13	3.09	3.09	2.81	2.0	9.0	11.2	380	2200	2900	2.16	10.53	13.45	4.09
	22	16	13	3.60	2.83	2.57	2.0	9.0	11.2	380	2200	2900	2.16	10.53	13.45	4.09
	24	16	13	3.92	2.66	2.42	2.0	9.0	11.2	380	2200	2900	2.16	10.53	13.45	4.09
	16	16	16	3.00	3.00	3.00	2.0	9.0	11.2	380	2200	2900	2.16	10.53	13.45	4.09
	22	16	16	3.50	2.75	2.75	2.0	9.0	11.2	380	2200	2900	2.16	10.53	13.45	4.09

Heating, 230V

Operating status	Indoor unit			Unit capacity (kW)			Cooling capacity (kW)			Power input (W)			Operating current (A)			EER
	Unit A	Unit B	Unit C	Unit A	Unit B	Unit C	Min.	Rated	Max.	Min.	Rated	Max.	Min.	Rated	Max.	Rated
1 unit operation	07	-	-	2.70	-	-	0.8	2.7	4.8	300	900	1980	1.79	4.50	8.78	3.00
	10	-	-	4.00	-	-	0.8	4.0	5.2	300	1450	1980	1.79	6.64	8.78	2.76
	13	-	-	5.00	-	-	0.8	5.0	6.5	310	2050	2750	1.85	9.38	12.20	2.44
	16	-	-	5.50	-	-	0.8	5.5	6.9	310	2400	3000	1.85	10.98	13.31	2.29
	22	-	-	7.00	-	-	1.8	7.0	8.2	330	2620	3200	1.97	11.87	14.20	2.67
	24	-	-	8.10	-	-	1.8	8.1	8.6	330	3080	3300	1.97	13.95	14.64	2.63
2 units operation	07	07	-	2.70	2.70	-	1.5	5.4	7.4	320	1500	3200	1.86	6.86	14.20	3.60
	10	07	-	4.00	2.70	-	1.5	6.7	8.9	320	2080	3200	1.86	9.52	14.20	3.22
	13	07	-	4.81	2.59	-	1.5	7.4	9.5	320	2300	3200	1.86	10.53	14.20	3.22
	16	07	-	5.10	2.50	-	1.5	7.6	9.5	320	2300	3200	1.86	10.53	14.20	3.30
	22	07	-	5.70	2.20	-	1.5	7.9	9.8	320	2450	3200	1.86	11.21	14.20	3.22
	24	07	-	6.23	2.08	-	1.5	8.3	10.1	320	2500	3250	1.86	11.44	14.42	3.32
	10	10	-	3.60	3.60	-	1.5	7.2	9.5	320	2200	3200	1.86	10.07	14.20	3.27
	13	10	-	4.22	3.38	-	1.5	7.6	9.5	320	2300	3200	1.86	10.53	14.20	3.30
	16	10	-	4.57	3.33	-	1.5	7.9	9.5	320	2450	3200	1.86	11.21	14.20	3.22
	22	10	-	5.28	3.02	-	1.5	8.3	10.1	320	2500	3250	1.86	11.44	14.42	3.32
	24	10	-	5.76	2.84	-	1.5	8.6	10.4	320	2550	3250	1.86	11.67	14.42	3.37
	13	13	-	3.95	3.95	-	1.5	7.9	9.8	320	2450	3200	1.86	11.21	14.20	3.22
	16	13	-	4.35	3.95	-	1.5	8.3	10.1	320	2500	3250	1.86	11.44	14.42	3.32
	22	13	-	5.02	3.58	-	1.5	8.6	10.4	320	2550	3250	1.86	11.67	14.42	3.37
	24	13	-	5.32	3.28	-	1.5	8.6	10.8	320	2550	3250	1.86	11.67	14.42	3.37
	16	16	-	4.30	4.30	-	1.5	8.6	10.4	320	2550	3250	1.86	11.67	14.42	3.37
	22	16	-	4.82	3.78	-	1.5	8.6	10.8	320	2550	3250	1.86	11.67	14.42	3.37
	24	16	-	5.12	3.48	-	1.5	8.6	10.8	320	2550	3250	1.86	11.67	14.42	3.37
3 units operation	07	07	07	2.70	2.70	2.70	2.0	8.1	10.8	380	1800	2750	2.07	8.24	12.20	4.50
	10	07	07	3.53	2.38	2.38	2.0	8.3	10.8	380	1900	2750	2.07	8.70	12.20	4.37
	13	07	07	4.28	2.31	2.31	2.0	8.9	10.8	380	2175	2750	2.07	9.95	12.20	4.09
	16	07	07	4.49	2.20	2.20	2.0	8.9	10.8	380	2175	2750	2.07	9.95	12.20	4.09
	22	07	07	5.02	1.94	1.94	2.0	8.9	11.0	380	2175	2830	2.07	9.95	12.56	4.09
	24	07	07	5.34	1.78	1.78	2.0	8.9	11.0	380	2175	2830	2.07	9.95	12.56	4.09
	10	10	07	3.18	3.18	2.14	2.0	8.5	10.8	380	2000	2750	2.07	9.15	12.20	4.25
	13	10	07	3.80	3.04	2.05	2.0	8.9	10.8	380	2175	2750	2.07	9.95	12.20	4.09
	16	10	07	4.01	2.92	1.97	2.0	8.9	11.0	380	2175	2830	2.07	9.95	12.56	4.09
	22	10	07	4.55	2.60	1.75	2.0	8.9	11.0	380	2175	2830	2.07	9.95	12.56	4.09
	24	10	07	4.87	2.41	1.62	2.0	8.9	11.0	380	2175	2830	2.07	9.95	12.56	4.09
	13	13	07	3.50	3.50	1.89	2.0	8.9	11.0	380	2175	2830	2.07	9.95	12.56	4.09
	16	13	07	3.71	3.37	1.82	2.0	8.9	11.0	380	2175	2830	2.07	9.95	12.56	4.09
	22	13	07	4.24	3.03	1.63	2.0	8.9	11.0	380	2175	2830	2.07	9.95	12.56	4.09
	24	13	07	4.56	2.82	1.52	2.0	8.9	11.0	380	2175	2830	2.07	9.95	12.56	4.09
	16	16	07	3.57	3.57	1.75	2.0	8.9	11.0	380	2175	2830	2.07	9.95	12.56	4.09
	22	16	07	4.14	3.26	1.60	2.0	9.0	11.2	380	2200	2900	2.07	10.07	12.87	4.09
	24	16	07	4.47	3.04	1.49	2.0	9.0	11.2	380	2200	2900	2.07	10.07	12.87	4.09
	10	10	10	2.97	2.97	2.97	2.0	8.9	10.8	380	2175	2750	2.07	9.95	12.20	4.09
	13	10	10	3.42	2.74	2.74	2.0	8.9	11.0	380	2175	2830	2.07	9.95	12.56	4.09
	16	10	10	3.63	2.64	2.64	2.0	8.9	11.0	380	2175	2830	2.07	9.95	12.56	4.09

Heating, 230V

Operating status	Indoor unit			Unit capacity (kW)			Cooling capacity (kW)			Power input (W)			Operating current (A)			EER
	Unit A	Unit B	Unit C	Unit A	Unit B	Unit C	Min.	Rated	Max.	Min.	Rated	Max.	Min.	Rated	Max.	Rated
3 units operation	22	10	10	4.15	2.37	2.37	2.0	8.9	11.0	380	2175	2830	2.07	9.95	12.56	4.09
	24	10	10	4.48	2.21	2.21	2.0	8.9	11.0	380	2175	2830	2.07	9.95	12.56	4.09
	13	13	10	3.18	3.18	2.54	2.0	8.9	11.0	380	2175	2830	2.07	9.95	12.56	4.09
	16	13	10	3.38	3.07	2.46	2.0	8.9	11.0	380	2175	2830	2.07	9.95	12.56	4.09
	22	13	10	3.94	2.81	2.25	2.0	9.0	11.2	380	2200	2900	2.07	10.07	12.87	4.09
	24	13	10	4.26	2.63	2.11	2.0	9.0	11.2	380	2200	2900	2.07	10.07	12.87	4.09
	16	16	10	3.26	3.26	2.37	2.0	8.9	11.0	380	2175	2830	2.07	9.95	12.56	4.09
	22	16	10	3.82	3.00	2.18	2.0	9.0	11.2	380	2200	2900	2.07	10.07	12.87	4.09
	24	16	10	4.14	2.81	2.05	2.0	9.0	11.2	380	2200	2900	2.07	10.07	12.87	4.09
	13	13	13	2.97	2.97	2.97	2.0	8.9	11.0	380	2175	2830	2.07	9.95	12.56	4.09
	16	13	13	3.16	2.87	2.87	2.0	8.9	11.0	380	2175	2830	2.07	9.95	12.56	4.09
	22	13	13	3.71	2.65	2.65	2.0	9.0	11.2	380	2200	2900	2.07	10.07	12.87	4.09
	24	13	13	4.03	2.49	2.49	2.0	9.0	11.2	380	2200	2900	2.07	10.07	12.87	4.09
	16	16	13	3.09	3.09	2.81	2.0	9.0	11.2	380	2200	2900	2.07	10.07	12.87	4.09
	22	16	13	3.60	2.83	2.57	2.0	9.0	11.2	380	2200	2900	2.07	10.07	12.87	4.09
	24	16	13	3.92	2.66	2.42	2.0	9.0	11.2	380	2200	2900	2.07	10.07	12.87	4.09
	16	16	16	3.00	3.00	3.00	2.0	9.0	11.2	380	2200	2900	2.07	10.07	12.87	4.09
	22	16	16	3.50	2.75	2.75	2.0	9.0	11.2	380	2200	2900	2.07	10.07	12.87	4.09

Heating, 240V

Operating status	Indoor unit			Unit capacity (kW)			Cooling capacity (kW)			Power input (W)			Operating current (A)			EER
	Unit A	Unit B	Unit C	Unit A	Unit B	Unit C	Min.	Rated	Max.	Min.	Rated	Max.	Min.	Rated	Max.	Rated
1 unit operation	07	-	-	2.70	-	-	0.8	2.7	4.8	300	900	1980	1.71	4.31	8.42	3.00
	10	-	-	4.00	-	-	0.8	4.0	5.2	300	1450	1980	1.71	6.36	8.42	2.76
	13	-	-	5.00	-	-	0.8	5.0	6.5	310	2050	2750	1.77	8.99	11.69	2.44
	16	-	-	5.50	-	-	0.8	5.5	6.9	310	2400	3000	1.77	10.53	12.76	2.29
	22	-	-	7.00	-	-	1.8	7.0	8.2	330	2620	3200	1.88	11.37	13.61	2.67
	24	-	-	8.10	-	-	1.8	8.1	8.6	330	3080	3300	1.88	13.37	14.03	2.63
2 units operation	07	07	-	2.70	2.70	-	1.5	5.4	7.4	320	1500	3200	1.78	6.58	13.61	3.60
	10	07	-	4.00	2.70	-	1.5	6.7	8.9	320	2080	3200	1.78	9.12	13.61	3.22
	13	07	-	4.81	2.59	-	1.5	7.4	9.5	320	2300	3200	1.78	10.09	13.61	3.22
	16	07	-	5.10	2.50	-	1.5	7.6	9.5	320	2300	3200	1.78	10.09	13.61	3.30
	22	07	-	5.70	2.20	-	1.5	7.9	9.8	320	2450	3200	1.78	10.75	13.61	3.22
	24	07	-	6.23	2.08	-	1.5	8.3	10.1	320	2500	3250	1.78	10.96	13.82	3.32
	10	10	-	3.60	3.60	-	1.5	7.2	9.5	320	2200	3200	1.78	9.65	13.61	3.27
	13	10	-	4.22	3.38	-	1.5	7.6	9.5	320	2300	3200	1.78	10.09	13.61	3.30
	16	10	-	4.57	3.33	-	1.5	7.9	9.5	320	2450	3200	1.78	10.75	13.61	3.22
	22	10	-	5.28	3.02	-	1.5	8.3	10.1	320	2500	3250	1.78	10.96	13.82	3.32
	24	10	-	5.76	2.84	-	1.5	8.6	10.4	320	2550	3250	1.78	11.18	13.82	3.37
	13	13	-	3.95	3.95	-	1.5	7.9	9.8	320	2450	3200	1.78	10.75	13.61	3.22
	16	13	-	4.35	3.95	-	1.5	8.3	10.1	320	2500	3250	1.78	10.96	13.82	3.32
	22	13	-	5.02	3.58	-	1.5	8.6	10.4	320	2550	3250	1.78	11.18	13.82	3.37
	24	13	-	5.32	3.28	-	1.5	8.6	10.8	320	2550	3250	1.78	11.18	13.82	3.37
	16	16	-	4.30	4.30	-	1.5	8.6	10.4	320	2550	3250	1.78	11.18	13.82	3.37
	22	16	-	4.82	3.78	-	1.5	8.6	10.8	320	2550	3250	1.78	11.18	13.82	3.37
	24	16	-	5.12	3.48	-	1.5	8.6	10.8	320	2550	3250	1.78	11.18	13.82	3.37

Heating, 240V

Operating status	Indoor unit			Unit capacity (kW)			Cooling capacity (kW)			Power input (W)			Operating current (A)			EER
	Unit A	Unit B	Unit C	Unit A	Unit B	Unit C	Min.	Rated	Max.	Min.	Rated	Max.	Min.	Rated	Max.	Rated
3 units operation	07	07	07	2.70	2.70	2.70	2.0	8.1	10.8	380	1800	2750	1.98	7.89	11.69	4.50
	10	07	07	3.53	2.38	2.38	2.0	8.3	10.8	380	1900	2750	1.98	8.33	11.69	4.37
	13	07	07	4.28	2.31	2.31	2.0	8.9	10.8	380	2175	2750	1.98	9.54	11.69	4.09
	16	07	07	4.49	2.20	2.20	2.0	8.9	10.8	380	2175	2750	1.98	9.54	11.69	4.09
	22	07	07	5.02	1.94	1.94	2.0	8.9	11.0	380	2175	2830	1.98	9.54	12.03	4.09
	24	07	07	5.34	1.78	1.78	2.0	8.9	11.0	380	2175	2830	1.98	9.54	12.03	4.09
	10	10	07	3.18	3.18	2.14	2.0	8.5	10.8	380	2000	2750	1.98	8.77	11.69	4.25
	13	10	07	3.80	3.04	2.05	2.0	8.9	10.8	380	2175	2750	1.98	9.54	11.69	4.09
	16	10	07	4.01	2.92	1.97	2.0	8.9	11.0	380	2175	2830	1.98	9.54	12.03	4.09
	22	10	07	4.55	2.60	1.75	2.0	8.9	11.0	380	2175	2830	1.98	9.54	12.03	4.09
	24	10	07	4.87	2.41	1.62	2.0	8.9	11.0	380	2175	2830	1.98	9.54	12.03	4.09
	13	13	07	3.50	3.50	1.89	2.0	8.9	11.0	380	2175	2830	1.98	9.54	12.03	4.09
	16	13	07	3.71	3.37	1.82	2.0	8.9	11.0	380	2175	2830	1.98	9.54	12.03	4.09
	22	13	07	4.24	3.03	1.63	2.0	8.9	11.0	380	2175	2830	1.98	9.54	12.03	4.09
	24	13	07	4.56	2.82	1.52	2.0	8.9	11.0	380	2175	2830	1.98	9.54	12.03	4.09
	16	16	07	3.57	3.57	1.75	2.0	8.9	11.0	380	2175	2830	1.98	9.54	12.03	4.09
	22	16	07	4.14	3.26	1.60	2.0	9.0	11.2	380	2200	2900	1.98	9.65	12.33	4.09
	24	16	07	4.47	3.04	1.49	2.0	9.0	11.2	380	2200	2900	1.98	9.65	12.33	4.09
	10	10	10	2.97	2.97	2.97	2.0	8.9	10.8	380	2175	2750	1.98	9.54	11.69	4.09
	13	10	10	3.42	2.74	2.74	2.0	8.9	11.0	380	2175	2830	1.98	9.54	12.03	4.09
	16	10	10	3.63	2.64	2.64	2.0	8.9	11.0	380	2175	2830	1.98	9.54	12.03	4.09
	22	10	10	4.15	2.37	2.37	2.0	8.9	11.0	380	2175	2830	1.98	9.54	12.03	4.09
	24	10	10	4.48	2.21	2.21	2.0	8.9	11.0	380	2175	2830	1.98	9.54	12.03	4.09
	13	13	10	3.18	3.18	2.54	2.0	8.9	11.0	380	2175	2830	1.98	9.54	12.03	4.09
	16	13	10	3.38	3.07	2.46	2.0	8.9	11.0	380	2175	2830	1.98	9.54	12.03	4.09
	22	13	10	3.94	2.81	2.25	2.0	9.0	11.2	380	2200	2900	1.98	9.65	12.33	4.09
	24	13	10	4.26	2.63	2.11	2.0	9.0	11.2	380	2200	2900	1.98	9.65	12.33	4.09
	16	16	10	3.26	3.26	2.37	2.0	8.9	11.0	380	2175	2830	1.98	9.54	12.03	4.09
	22	16	10	3.82	3.00	2.18	2.0	9.0	11.2	380	2200	2900	1.98	9.65	12.33	4.09
	24	16	10	4.14	2.81	2.05	2.0	9.0	11.2	380	2200	2900	1.98	9.65	12.33	4.09
	13	13	13	2.97	2.97	2.97	2.0	8.9	11.0	380	2175	2830	1.98	9.54	12.03	4.09
	16	13	13	3.16	2.87	2.87	2.0	8.9	11.0	380	2175	2830	1.98	9.54	12.03	4.09
	22	13	13	3.71	2.65	2.65	2.0	9.0	11.2	380	2200	2900	1.98	9.65	12.33	4.09
	24	13	13	4.03	2.49	2.49	2.0	9.0	11.2	380	2200	2900	1.98	9.65	12.33	4.09
	16	16	13	3.09	3.09	2.81	2.0	9.0	11.2	380	2200	2900	1.98	9.65	12.33	4.09
	22	16	13	3.60	2.83	2.57	2.0	9.0	11.2	380	2200	2900	1.98	9.65	12.33	4.09
	24	16	13	3.92	2.66	2.42	2.0	9.0	11.2	380	2200	2900	1.98	9.65	12.33	4.09
	16	16	16	3.00	3.00	3.00	2.0	9.0	11.2	380	2200	2900	1.98	9.65	12.33	4.09
	22	16	16	3.50	2.75	2.75	2.0	9.0	11.2	380	2200	2900	1.98	9.65	12.33	4.09

4x1

Cooling, 220V

RAS-4M27S3AV-E | Heat pump

Operating status	Indoor unit				Unit capacity (kW)				Cooling capacity (kW)			Power input (W)			Operating current (A)			EER
	Unit A	Unit B	Unit C	Unit D	Unit A	Unit B	Unit C	Unit D	Min.	Rated	Max.	Min.	Rated	Max.	Min.	Rated	Max.	Rated
1 unit operation	07	-	-	-	2.00	-	-	-	1.4	2.0	2.5	640	650	700	3.83	3.84	3.74	3.08
	10	-	-	-	2.70	-	-	-	1.4	2.7	3.2	640	750	950	3.83	4.43	4.64	3.60
	13	-	-	-	3.70	-	-	-	1.4	3.7	4.4	640	1200	1520	3.68	6.20	7.20	3.08
	16	-	-	-	4.50	-	-	-	1.4	4.5	5.0	640	1650	2000	3.68	7.98	9.28	2.73
	22	-	-	-	6.00	-	-	-	2.4	6.0	6.8	640	2020	2500	3.68	9.56	11.60	2.97
	24	-	-	-	7.10	-	-	-	2.4	7.1	7.2	660	2390	2960	3.80	11.32	13.73	2.97
2 units operation	07	07	-	-	2.00	2.00	-	-	2.5	4.0	5.0	640	1520	1770	3.64	7.27	8.21	2.63
	10	07	-	-	2.70	2.00	-	-	2.5	4.7	5.7	640	1530	1910	3.64	7.32	8.86	3.07
	13	07	-	-	3.70	2.00	-	-	2.6	5.7	6.5	660	1810	2130	3.75	8.66	9.88	3.15
	16	07	-	-	4.08	1.82	-	-	2.7	5.9	6.6	660	1810	2220	3.75	8.66	10.30	3.26
	22	07	-	-	4.73	1.58	-	-	2.9	6.3	6.9	670	2040	2400	3.81	9.76	11.13	3.09
	24	07	-	-	5.31	1.49	-	-	3.0	6.8	7.2	690	2320	2570	3.92	11.10	11.92	2.93
	10	10	-	-	2.70	2.70	-	-	2.5	5.4	6.3	640	1530	2040	3.64	7.32	9.46	3.53
	13	10	-	-	3.41	2.49	-	-	2.7	5.9	6.6	660	1810	2220	3.75	8.66	10.30	3.26
	16	10	-	-	3.94	2.36	-	-	2.9	6.3	6.9	670	2040	2400	3.81	9.76	11.13	3.09
	22	10	-	-	4.69	2.11	-	-	3.0	6.8	7.2	690	2320	2570	3.92	11.10	11.92	2.93
	24	10	-	-	5.22	1.98	-	-	3.2	7.2	7.5	700	2550	2750	3.98	12.20	12.76	2.82
	13	13	-	-	3.15	3.15	-	-	2.9	6.3	6.9	670	2040	2400	3.81	9.76	11.13	3.09
	16	13	-	-	3.73	3.07	-	-	3.0	6.8	7.2	690	2320	2570	3.92	11.10	11.92	2.93
	22	13	-	-	4.45	2.75	-	-	3.2	7.2	7.5	700	2550	2750	3.98	12.20	12.76	2.82
	24	13	-	-	4.73	2.47	-	-	3.2	7.2	7.5	700	2550	2750	3.98	12.20	12.76	2.82
	16	16	-	-	3.60	3.60	-	-	3.2	7.2	7.5	700	2550	2750	3.98	12.20	12.76	2.82
	22	16	-	-	4.17	3.13	-	-	3.2	7.3	7.5	700	2550	2750	3.98	12.20	12.76	2.86
	24	16	-	-	4.47	2.83	-	-	3.2	7.3	7.5	700	2550	2750	3.98	12.20	12.76	2.86
3 units operation	07	07	07	-	2.00	2.00	2.00	-	3.8	6.0	7.5	950	2400	2720	4.80	11.48	12.62	2.50
	10	07	07	-	2.70	2.00	2.00	-	3.8	6.7	8.2	950	2400	2720	4.80	11.48	12.62	2.79
	13	07	07	-	3.65	1.97	1.97	-	3.9	7.6	8.3	960	2410	2740	4.85	11.53	12.71	3.15
	16	07	07	-	4.08	1.81	1.81	-	4.0	7.7	8.5	960	2410	2790	4.85	11.53	12.94	3.20
	22	07	07	-	4.68	1.56	1.56	-	4.1	7.8	8.6	970	2430	2810	4.90	11.63	13.03	3.21
	24	07	07	-	4.99	1.41	1.41	-	4.1	7.8	8.6	970	2430	2810	4.90	11.63	13.03	3.21
	10	10	07	-	2.70	2.70	2.00	-	3.8	7.4	8.2	950	2400	2720	4.80	11.48	12.62	3.08
	13	10	07	-	3.39	2.48	1.83	-	3.9	7.7	8.3	960	2410	2740	4.85	11.53	12.71	3.20
	16	10	07	-	3.77	2.26	1.67	-	4.0	7.7	8.5	960	2410	2790	4.85	11.53	12.94	3.20
	22	10	07	-	4.37	1.97	1.46	-	4.1	7.8	8.6	970	2430	2810	4.90	11.63	13.03	3.21
	24	10	07	-	4.69	1.78	1.32	-	4.1	7.8	8.6	970	2430	2810	4.90	11.63	13.03	3.21
	13	13	07	-	3.03	3.03	1.64	-	4.0	7.7	8.5	960	2410	2790	4.85	11.53	12.94	3.20
	16	13	07	-	3.44	2.83	1.53	-	4.1	7.8	8.6	970	2430	2810	4.90	11.63	13.03	3.21
	22	13	07	-	4.00	2.47	1.33	-	4.1	7.8	8.6	970	2430	2810	4.90	11.63	13.03	3.21
	24	13	07	-	4.38	2.28	1.23	-	4.1	7.9	8.7	970	2440	2830	4.90	11.67	13.13	3.24
	16	16	07	-	3.19	3.19	1.42	-	4.1	7.8	8.6	970	2430	2810	4.90	11.63	13.03	3.21
	22	16	07	-	3.79	2.84	1.26	-	4.1	7.9	8.7	970	2440	2830	4.90	11.67	13.13	3.24
	24	16	07	-	4.12	2.61	1.16	-	4.1	7.9	8.7	970	2440	2830	4.90	11.67	13.13	3.24
	10	10	10	-	2.53	2.53	2.53	-	3.8	7.6	8.2	950	2400	2720	4.80	11.48	12.62	3.17

Cooling, 220V

Operating status	Indoor unit				Unit capacity (kW)				Cooling capacity (kW)			Power input (W)			Operating current (A)			EER
	Unit A	Unit B	Unit C	Unit D	Unit A	Unit B	Unit C	Unit D	Min.	Rated	Max.	Min.	Rated	Max.	Min.	Rated	Max.	Rated
3 units operation	13	10	10	-	3.13	2.28	2.28	-	3.9	7.7	8.3	960	2410	2740	4.85	11.53	12.71	3.20
	16	10	10	-	3.50	2.10	2.10	-	4.0	7.7	8.5	960	2410	2790	4.85	11.53	12.94	3.20
	22	10	10	-	4.16	1.87	1.87	-	4.1	7.9	8.7	970	2440	2830	4.90	11.67	13.13	3.24
	24	10	10	-	4.49	1.71	1.71	-	4.1	7.9	8.7	970	2440	2830	4.90	11.67	13.13	3.24
	13	13	10	-	2.82	2.82	2.06	-	4.0	7.7	8.5	960	2410	2790	4.85	11.53	12.94	3.20
	16	13	10	-	3.22	2.65	1.93	-	4.1	7.8	8.6	970	2430	2810	4.90	11.63	13.03	3.21
	22	13	10	-	3.82	2.36	1.72	-	4.1	7.9	8.7	970	2440	2830	4.90	11.67	13.13	3.24
	24	13	10	-	4.15	2.17	1.58	-	4.1	7.9	8.7	970	2440	2830	4.90	11.67	13.13	3.24
	16	16	10	-	3.04	3.04	1.82	-	4.1	7.9	8.7	970	2440	2830	4.90	11.67	13.13	3.24
	22	16	10	-	3.59	2.69	1.62	-	4.3	7.9	9.0	980	2440	2900	4.95	11.67	13.45	3.24
	24	16	10	-	3.92	2.49	1.49	-	4.3	7.9	9.0	980	2440	2900	4.95	11.67	13.45	3.24
	13	13	13	-	2.60	2.60	2.60	-	4.1	7.8	8.6	970	2430	2810	4.90	11.63	13.03	3.21
	16	13	13	-	2.99	2.46	2.46	-	4.1	7.9	8.7	970	2440	2830	4.90	11.67	13.13	3.24
	22	13	13	-	3.54	2.18	2.18	-	4.3	7.9	9.0	980	2440	2900	4.95	11.67	13.45	3.24
	24	13	13	-	3.87	2.02	2.02	-	4.3	7.9	9.0	980	2440	2900	4.95	11.67	13.45	3.24
	16	16	13	-	2.80	2.80	2.30	-	4.1	7.9	8.7	970	2440	2830	4.90	11.67	13.13	3.24
	22	16	13	-	3.34	2.50	2.06	-	4.3	7.9	9.0	980	2440	2900	4.95	11.67	13.45	3.24
	24	16	13	-	3.71	2.35	1.93	-	4.3	8.0	9.0	980	2450	2900	4.95	11.72	13.45	3.27
	16	16	16	-	2.63	2.63	2.63	-	4.3	7.9	9.0	980	2440	2900	4.95	11.67	13.45	3.24
	22	16	16	-	3.20	2.40	2.40	-	4.3	8.0	9.0	980	2450	2900	4.95	11.72	13.45	3.27
4 units operation	07	07	07	07	1.78	1.78	1.78	1.78	4.0	7.1	8.6	850	2029	2620	4.29	9.71	12.15	3.50
	10	07	07	07	2.33	1.72	1.72	1.72	4.0	7.5	8.7	890	2143	2640	4.49	10.25	12.24	3.50
	13	07	07	07	2.90	1.57	1.57	1.57	4.1	7.6	8.9	900	2171	2700	4.55	10.39	12.52	3.50
	16	07	07	07	3.30	1.47	1.47	1.47	4.1	7.7	9.0	930	2200	2730	4.70	10.53	12.66	3.50
	22	07	07	07	3.95	1.32	1.32	1.32	4.2	7.9	9.3	950	2257	2820	4.80	10.80	13.08	3.50
	24	07	07	07	4.28	1.21	1.21	1.21	4.2	7.9	9.3	950	2257	2820	4.80	10.80	13.08	3.50
	10	10	07	07	2.18	2.18	1.62	1.62	4.1	7.6	8.9	900	2171	2700	4.55	10.39	12.52	3.50
	13	10	07	07	2.74	2.00	1.48	1.48	4.1	7.7	9.0	930	2200	2730	4.70	10.53	12.66	3.50
	16	10	07	07	3.13	1.88	1.39	1.39	4.1	7.8	9.1	930	2229	2760	4.70	10.67	12.80	3.50
	22	10	07	07	3.73	1.68	1.24	1.24	4.2	7.9	9.3	950	2257	2820	4.80	10.80	13.08	3.50
	24	10	07	07	4.06	1.55	1.14	1.14	4.2	7.9	9.3	950	2257	2820	4.80	10.80	13.08	3.50
	13	13	07	07	2.56	2.56	1.39	1.39	4.1	7.9	9.2	940	2257	2790	4.75	10.80	12.94	3.50
	16	13	07	07	2.91	2.40	1.30	1.30	4.2	7.9	9.3	950	2257	2820	4.80	10.80	13.08	3.50
	22	13	07	07	3.46	2.13	1.15	1.15	4.2	7.9	9.3	950	2257	2820	4.80	10.80	13.08	3.50
	24	13	07	07	3.79	1.98	1.07	1.07	4.2	7.9	9.3	950	2257	2820	4.80	10.80	13.08	3.50
	16	16	07	07	2.73	2.73	1.22	1.22	4.2	7.9	9.3	950	2257	2820	4.80	10.80	13.08	3.50
	10	10	10	07	2.03	2.03	2.03	1.50	4.1	7.6	8.9	900	2171	2700	4.55	10.39	12.52	3.50
	13	10	10	07	2.60	1.90	1.90	1.41	4.1	7.8	9.1	930	2229	2760	4.70	10.67	12.80	3.50
	16	10	10	07	2.99	1.79	1.79	1.33	4.1	7.9	9.2	940	2257	2790	4.75	10.80	12.94	3.50
	22	10	10	07	3.54	1.59	1.59	1.18	4.2	7.9	9.3	950	2257	2820	4.80	10.80	13.08	3.50
	24	10	10	07	3.87	1.47	1.47	1.09	4.2	7.9	9.3	950	2257	2820	4.80	10.80	13.08	3.50
	13	13	10	07	2.42	2.42	1.76	1.31	4.2	7.9	9.3	950	2257	2820	4.80	10.80	13.08	3.50
	16	13	10	07	2.78	2.27	1.65	1.22	4.2	7.9	9.3	950	2257	2820	4.80	10.80	13.08	3.50

Cooling, 220V

Operating status	Indoor unit				Unit capacity (kW)				Cooling capacity (kW)			Power input (W)			Operating current (A)			EER
	Unit A	Unit B	Unit C	Unit D	Unit A	Unit B	Unit C	Unit D	Min.	Rated	Max.	Min.	Rated	Max.	Min.	Rated	Max.	Rated
4 units operation	22	13	10	07	3.33	2.06	1.50	1.11	4.2	8.0	9.3	950	2286	2820	4.80	10.94	13.08	3.50
	24	13	10	07	3.66	1.91	1.39	1.03	4.2	8.0	9.3	950	2286	2820	4.80	10.94	13.08	3.50
	16	16	10	07	2.59	2.59	1.56	1.15	4.2	7.9	9.3	950	2257	2820	4.80	10.80	13.08	3.50
	13	13	13	07	2.23	2.23	2.23	1.21	4.2	7.9	9.3	950	2257	2820	4.80	10.80	13.08	3.50
	16	13	13	07	2.56	2.10	2.10	1.14	4.2	7.9	9.3	950	2257	2820	4.80	10.80	13.08	3.50
	16	16	13	07	2.45	2.45	2.01	1.09	4.2	8.0	9.3	950	2286	2820	4.80	10.94	13.08	3.50
	10	10	10	10	1.98	1.98	1.98	1.98	4.1	7.9	9.2	940	2257	2790	4.75	10.80	12.94	3.50
	13	10	10	10	2.48	1.81	1.81	1.81	4.1	7.9	9.2	940	2257	2790	4.75	10.80	12.94	3.50
	16	10	10	10	2.82	1.69	1.69	1.69	4.2	7.9	9.3	950	2257	2820	4.80	10.80	13.08	3.50
	22	10	10	10	3.40	1.53	1.53	1.53	4.2	8.0	9.3	950	2286	2820	4.80	10.94	13.08	3.50
	24	10	10	10	3.74	1.42	1.42	1.42	4.2	8.0	9.3	950	2286	2820	4.80	10.94	13.08	3.50
	13	13	10	10	2.28	2.28	1.67	1.67	4.2	7.9	9.3	950	2257	2820	4.80	10.80	13.08	3.50
	16	13	10	10	2.61	2.15	1.57	1.57	4.2	7.9	9.3	950	2257	2820	4.80	10.80	13.08	3.50
	16	16	10	10	2.50	2.50	1.50	1.50	4.2	8.0	9.3	950	2286	2820	4.80	10.94	13.08	3.50
	13	13	13	10	2.12	2.12	2.12	1.55	4.2	7.9	9.3	950	2257	2820	4.80	10.80	13.08	3.50
	16	13	13	10	2.47	2.03	2.03	1.48	4.2	8.0	9.3	950	2286	2820	4.80	10.94	13.08	3.50
	13	13	13	13	2.00	2.00	2.00	2.00	4.2	8.0	9.3	950	2286	2820	4.80	10.94	13.08	3.50
	13	13	13	10	2.12	2.12	2.12	1.55	4.2	7.9	9.3	950	2257	2820	4.80	10.80	13.08	3.50
	16	13	13	10	2.47	2.03	2.03	1.48	4.2	8.0	9.3	950	2286	2820	4.80	10.94	13.08	3.50
	13	13	13	13	2.00	2.00	2.00	2.00	4.2	8.0	9.3	950	2286	2820	4.80	10.94	13.08	3.50

Cooling, 230V

Operating status	Indoor unit				Unit capacity (kW)				Cooling capacity (kW)			Power input (W)			Operating current (A)			EER
	Unit A	Unit B	Unit C	Unit D	Unit A	Unit B	Unit C	Unit D	Min.	Rated	Max.	Min.	Rated	Max.	Min.	Rated	Max.	Rated
1 unit operation	07	-	-	-	2.00	-	-	-	1.4	2.0	2.5	640	650	700	3.66	3.67	3.58	3.08
	10	-	-	-	2.70	-	-	-	1.4	2.7	3.2	640	750	950	3.66	4.23	4.44	3.60
	13	-	-	-	3.70	-	-	-	1.4	3.7	4.4	640	1200	1520	3.52	5.93	6.88	3.08
	16	-	-	-	4.50	-	-	-	1.4	4.5	5.0	640	1650	2000	3.52	7.63	8.87	2.73
	22	-	-	-	6.00	-	-	-	2.4	6.0	6.8	640	2020	2500	3.52	9.15	11.09	2.97
	24	-	-	-	7.10	-	-	-	2.4	7.1	7.2	660	2390	2960	3.63	10.82	13.13	2.97
2 units operation	07	07	-	-	2.00	2.00	-	-	2.5	4.0	5.0	640	1520	1770	3.48	6.96	7.85	2.63
	10	07	-	-	2.70	2.00	-	-	2.5	4.7	5.7	640	1530	1910	3.48	7.00	8.47	3.07
	13	07	-	-	3.70	2.00	-	-	2.6	5.7	6.5	660	1810	2130	3.59	8.28	9.45	3.15
	16	07	-	-	4.08	1.82	-	-	2.7	5.9	6.6	660	1810	2220	3.59	8.28	9.85	3.26
	22	07	-	-	4.73	1.58	-	-	2.9	6.3	6.9	670	2040	2400	3.64	9.34	10.65	3.09
	24	07	-	-	5.31	1.49	-	-	3.0	6.8	7.2	690	2320	2570	3.75	10.62	11.40	2.93
	10	10	-	-	2.70	2.70	-	-	2.5	5.4	6.3	640	1530	2040	3.48	7.00	9.05	3.53
	13	10	-	-	3.41	2.49	-	-	2.7	5.9	6.6	660	1810	2220	3.59	8.28	9.85	3.26
	16	10	-	-	3.94	2.36	-	-	2.9	6.3	6.9	670	2040	2400	3.64	9.34	10.65	3.09
	22	10	-	-	4.69	2.11	-	-	3.0	6.8	7.2	690	2320	2570	3.75	10.62	11.40	2.93
	24	10	-	-	5.22	1.98	-	-	3.2	7.2	7.5	700	2550	2750	3.80	11.67	12.20	2.82
	13	13	-	-	3.15	3.15	-	-	2.9	6.3	6.9	670	2040	2400	3.64	9.34	10.65	3.09
	16	13	-	-	3.73	3.07	-	-	3.0	6.8	7.2	690	2320	2570	3.75	10.62	11.40	2.93
	22	13	-	-	4.45	2.75	-	-	3.2	7.2	7.5	700	2550	2750	3.80	11.67	12.20	2.82
	24	13	-	-	4.73	2.47	-	-	3.2	7.2	7.5	700	2550	2750	3.80	11.67	12.20	2.82
	16	16	-	-	3.60	3.60	-	-	3.2	7.2	7.5	700	2550	2750	3.80	11.67	12.20	2.82

Cooling, 230V

Operating status	Indoor unit				Unit capacity (kW)				Cooling capacity (kW)			Power input (W)			Operating current (A)			EER
	Unit A	Unit B	Unit C	Unit D	Unit A	Unit B	Unit C	Unit D	Min.	Rated	Max.	Min.	Rated	Max.	Min.	Rated	Max.	Rated
2 units operation	22	16	-	-	4.17	3.13	-	-	3.2	7.3	7.5	700	2550	2750	3.80	11.67	12.20	2.86
	24	16	-	-	4.47	2.83	-	-	3.2	7.3	7.5	700	2550	2750	3.80	11.67	12.20	2.86
3 units operation	07	07	07	-	2.00	2.00	2.00	-	3.8	6.0	7.5	950	2400	2720	4.59	10.98	12.07	2.50
	10	07	07	-	2.70	2.00	2.00	-	3.8	6.7	8.2	950	2400	2720	4.59	10.98	12.07	2.79
	13	07	07	-	3.65	1.97	1.97	-	3.9	7.6	8.3	960	2410	2740	4.64	11.03	12.16	3.15
	16	07	07	-	4.08	1.81	1.81	-	4.0	7.7	8.5	960	2410	2790	4.64	11.03	12.38	3.20
	22	07	07	-	4.68	1.56	1.56	-	4.1	7.8	8.6	970	2430	2810	4.69	11.12	12.47	3.21
	24	07	07	-	4.99	1.41	1.41	-	4.1	7.8	8.6	970	2430	2810	4.69	11.12	12.47	3.21
	10	10	07	-	2.70	2.70	2.00	-	3.8	7.4	8.2	950	2400	2720	4.59	10.98	12.07	3.08
	13	10	07	-	3.39	2.48	1.83	-	3.9	7.7	8.3	960	2410	2740	4.64	11.03	12.16	3.20
	16	10	07	-	3.77	2.26	1.67	-	4.0	7.7	8.5	960	2410	2790	4.64	11.03	12.38	3.20
	22	10	07	-	4.37	1.97	1.46	-	4.1	7.8	8.6	970	2430	2810	4.69	11.12	12.47	3.21
	24	10	07	-	4.69	1.78	1.32	-	4.1	7.8	8.6	970	2430	2810	4.69	11.12	12.47	3.21
	13	13	07	-	3.03	3.03	1.64	-	4.0	7.7	8.5	960	2410	2790	4.64	11.03	12.38	3.20
	16	13	07	-	3.44	2.83	1.53	-	4.1	7.8	8.6	970	2430	2810	4.69	11.12	12.47	3.21
	22	13	07	-	4.00	2.47	1.33	-	4.1	7.8	8.6	970	2430	2810	4.69	11.12	12.47	3.21
	24	13	07	-	4.38	2.28	1.23	-	4.1	7.9	8.7	970	2440	2830	4.69	11.17	12.56	3.24
	16	16	07	-	3.19	3.19	1.42	-	4.1	7.8	8.6	970	2430	2810	4.69	11.12	12.47	3.21
	22	16	07	-	3.79	2.84	1.26	-	4.1	7.9	8.7	970	2440	2830	4.69	11.17	12.56	3.24
	24	16	07	-	4.12	2.61	1.16	-	4.1	7.9	8.7	970	2440	2830	4.69	11.17	12.56	3.24
	10	10	10	-	2.53	2.53	2.53	-	3.8	7.6	8.2	950	2400	2720	4.59	10.98	12.07	3.17
	13	10	10	-	3.13	2.28	2.28	-	3.9	7.7	8.3	960	2410	2740	4.64	11.03	12.16	3.20
	16	10	10	-	3.50	2.10	2.10	-	4.0	7.7	8.5	960	2410	2790	4.64	11.03	12.38	3.20
	22	10	10	-	4.16	1.87	1.87	-	4.1	7.9	8.7	970	2440	2830	4.69	11.17	12.56	3.24
	24	10	10	-	4.49	1.71	1.71	-	4.1	7.9	8.7	970	2440	2830	4.69	11.17	12.56	3.24
	13	13	10	-	2.82	2.82	2.06	-	4.0	7.7	8.5	960	2410	2790	4.64	11.03	12.38	3.20
	16	13	10	-	3.22	2.65	1.93	-	4.1	7.8	8.6	970	2430	2810	4.69	11.12	12.47	3.21
	22	13	10	-	3.82	2.36	1.72	-	4.1	7.9	8.7	970	2440	2830	4.69	11.17	12.56	3.24
	24	13	10	-	4.15	2.17	1.58	-	4.1	7.9	8.7	970	2440	2830	4.69	11.17	12.56	3.24
	16	16	10	-	3.04	3.04	1.82	-	4.1	7.9	8.7	970	2440	2830	4.69	11.17	12.56	3.24
	22	16	10	-	3.59	2.69	1.62	-	4.3	7.9	9.0	980	2440	2900	4.73	11.17	12.87	3.24
	24	16	10	-	3.92	2.49	1.49	-	4.3	7.9	9.0	980	2440	2900	4.73	11.17	12.87	3.24
	13	13	13	-	2.60	2.60	2.60	-	4.1	7.8	8.6	970	2430	2810	4.69	11.12	12.47	3.21
	16	13	13	-	2.99	2.46	2.46	-	4.1	7.9	8.7	970	2440	2830	4.69	11.17	12.56	3.24
	22	13	13	-	3.54	2.18	2.18	-	4.3	7.9	9.0	980	2440	2900	4.73	11.17	12.87	3.24
	24	13	13	-	3.87	2.02	2.02	-	4.3	7.9	9.0	980	2440	2900	4.73	11.17	12.87	3.24
	16	16	13	-	2.80	2.80	2.30	-	4.1	7.9	8.7	970	2440	2830	4.69	11.17	12.56	3.24
	22	16	13	-	3.34	2.50	2.06	-	4.3	7.9	9.0	980	2440	2900	4.73	11.17	12.87	3.24
	24	16	13	-	3.71	2.35	1.93	-	4.3	8.0	9.0	980	2450	2900	4.73	11.21	12.87	3.27
	16	16	16	-	2.63	2.63	2.63	-	4.3	7.9	9.0	980	2440	2900	4.73	11.17	12.87	3.24
	22	16	16	-	3.20	2.40	2.40	-	4.3	8.0	9.0	980	2450	2900	4.73	11.21	12.87	3.27

Cooling, 230V

Operating status	Indoor unit				Unit capacity (kW)				Cooling capacity (kW)			Power input (W)			Operating current (A)			EER
	Unit A	Unit B	Unit C	Unit D	Unit A	Unit B	Unit C	Unit D	Min.	Rated	Max.	Min.	Rated	Max.	Min.	Rated	Max.	Rated
4 units operation	07	07	07	07	1.78	1.78	1.78	1.78	4.0	7.1	8.6	850	2029	2620	4.11	9.29	11.62	3.50
	10	07	07	07	2.33	1.72	1.72	1.72	4.0	7.5	8.7	890	2143	2640	4.30	9.81	11.71	3.50
	13	07	07	07	2.90	1.57	1.57	1.57	4.1	7.6	8.9	900	2171	2700	4.35	9.94	11.98	3.50
	16	07	07	07	3.30	1.47	1.47	1.47	4.1	7.7	9.0	930	2200	2730	4.49	10.07	12.11	3.50
	22	07	07	07	3.95	1.32	1.32	1.32	4.2	7.9	9.3	950	2257	2820	4.59	10.33	12.51	3.50
	24	07	07	07	4.28	1.21	1.21	1.21	4.2	7.9	9.3	950	2257	2820	4.59	10.33	12.51	3.50
	10	10	07	07	2.18	2.18	1.62	1.62	4.1	7.6	8.9	900	2171	2700	4.35	9.94	11.98	3.50
	13	10	07	07	2.74	2.00	1.48	1.48	4.1	7.7	9.0	930	2200	2730	4.49	10.07	12.11	3.50
	16	10	07	07	3.13	1.88	1.39	1.39	4.1	7.8	9.1	930	2229	2760	4.49	10.20	12.24	3.50
	22	10	07	07	3.73	1.68	1.24	1.24	4.2	7.9	9.3	950	2257	2820	4.59	10.33	12.51	3.50
	24	10	07	07	4.06	1.55	1.14	1.14	4.2	7.9	9.3	950	2257	2820	4.59	10.33	12.51	3.50
	13	13	07	07	2.56	2.56	1.39	1.39	4.1	7.9	9.2	940	2257	2790	4.54	10.33	12.38	3.50
	16	13	07	07	2.91	2.40	1.30	1.30	4.2	7.9	9.3	950	2257	2820	4.59	10.33	12.51	3.50
	22	13	07	07	3.46	2.13	1.15	1.15	4.2	7.9	9.3	950	2257	2820	4.59	10.33	12.51	3.50
	24	13	07	07	3.79	1.98	1.07	1.07	4.2	7.9	9.3	950	2257	2820	4.59	10.33	12.51	3.50
	16	16	07	07	2.73	2.73	1.22	1.22	4.2	7.9	9.3	950	2257	2820	4.59	10.33	12.51	3.50
	10	10	10	07	2.03	2.03	2.03	1.50	4.1	7.6	8.9	900	2171	2700	4.35	9.94	11.98	3.50
	13	10	10	07	2.60	1.90	1.90	1.41	4.1	7.8	9.1	930	2229	2760	4.49	10.20	12.24	3.50
	16	10	10	07	2.99	1.79	1.79	1.33	4.1	7.9	9.2	940	2257	2790	4.54	10.33	12.38	3.50
	22	10	10	07	3.54	1.59	1.59	1.18	4.2	7.9	9.3	950	2257	2820	4.59	10.33	12.51	3.50
	24	10	10	07	3.87	1.47	1.47	1.09	4.2	7.9	9.3	950	2257	2820	4.59	10.33	12.51	3.50
	13	13	10	07	2.42	2.42	1.76	1.31	4.2	7.9	9.3	950	2257	2820	4.59	10.33	12.51	3.50
	16	13	10	07	2.76	2.27	1.65	1.22	4.2	7.9	9.3	950	2257	2820	4.59	10.33	12.51	3.50
	22	13	10	07	3.33	2.06	1.50	1.11	4.2	8.0	9.3	950	2286	2820	4.59	10.46	12.51	3.50
	24	13	10	07	3.66	1.91	1.39	1.03	4.2	8.0	9.3	950	2286	2820	4.59	10.46	12.51	3.50
	16	16	10	07	2.59	2.59	1.56	1.15	4.2	7.9	9.3	950	2257	2820	4.59	10.33	12.51	3.50
	13	13	13	07	2.23	2.23	2.23	1.21	4.2	7.9	9.3	950	2257	2820	4.59	10.33	12.51	3.50
	16	13	13	07	2.56	2.10	2.10	1.14	4.2	7.9	9.3	950	2257	2820	4.59	10.33	12.51	3.50
	16	16	13	07	2.45	2.45	2.01	1.09	4.2	8.0	9.3	950	2286	2820	4.59	10.46	12.51	3.50
	10	10	10	10	1.98	1.98	1.98	1.98	4.1	7.9	9.2	940	2257	2790	4.54	10.33	12.38	3.50
	13	10	10	10	2.48	1.81	1.81	1.81	4.1	7.9	9.2	940	2257	2790	4.54	10.33	12.38	3.50
	16	10	10	10	2.82	1.69	1.69	1.69	4.2	7.9	9.3	950	2257	2820	4.59	10.33	12.51	3.50
	22	10	10	10	3.40	1.53	1.53	1.53	4.2	8.0	9.3	950	2286	2820	4.59	10.46	12.51	3.50
	24	10	10	10	3.74	1.42	1.42	1.42	4.2	8.0	9.3	950	2286	2820	4.59	10.46	12.51	3.50
	13	13	10	10	2.28	2.28	1.67	1.67	4.2	7.9	9.3	950	2257	2820	4.59	10.33	12.51	3.50
	16	13	10	10	2.61	2.15	1.57	1.57	4.2	7.9	9.3	950	2257	2820	4.59	10.33	12.51	3.50
	16	16	10	10	2.50	2.50	1.50	1.50	4.2	8.0	9.3	950	2286	2820	4.59	10.46	12.51	3.50
	13	13	13	10	2.12	2.12	2.12	1.55	4.2	7.9	9.3	950	2257	2820	4.59	10.33	12.51	3.50
	16	13	13	10	2.47	2.03	2.03	1.48	4.2	8.0	9.3	950	2286	2820	4.59	10.46	12.51	3.50
	13	13	13	13	2.00	2.00	2.00	2.00	4.2	8.0	9.3	950	2286	2820	4.59	10.46	12.51	3.50

Cooling, 240V

Operating status	Indoor unit				Unit capacity (kW)				Cooling capacity (kW)			Power input (W)			Operating current (A)			EER
	Unit A	Unit B	Unit C	Unit D	Unit A	Unit B	Unit C	Unit D	Min.	Rated	Max.	Min.	Rated	Max.	Min.	Rated	Max.	Rated
1 unit operation	07	-	-	-	2.00	-	-	-	1.4	2.0	2.5	640	650	700	3.51	3.52	3.43	3.08
	10	-	-	-	2.70	-	-	-	1.4	2.7	3.2	640	750	950	3.51	4.06	4.26	3.60
	13	-	-	-	3.70	-	-	-	1.4	3.7	4.4	640	1200	1520	3.38	5.68	6.60	3.08
	16	-	-	-	4.50	-	-	-	1.4	4.5	5.0	640	1650	2000	3.38	7.31	8.50	2.73
	22	-	-	-	6.00	-	-	-	2.4	6.0	6.8	640	2020	2500	3.38	8.77	10.63	2.97
	24	-	-	-	7.10	-	-	-	2.4	7.1	7.2	660	2390	2960	3.48	10.37	12.59	2.97
2 units operation	07	07	-	-	2.00	2.00	-	-	2.5	4.0	5.0	640	1520	1770	3.33	6.67	7.53	2.63
	10	07	-	-	2.70	2.00	-	-	2.5	4.7	5.7	640	1530	1910	3.33	6.71	8.12	3.07
	13	07	-	-	3.70	2.00	-	-	2.6	5.7	6.5	660	1810	2130	3.44	7.94	9.06	3.15
	16	07	-	-	4.08	1.82	-	-	2.7	5.9	6.6	660	1810	2220	3.44	7.94	9.44	3.26
	22	07	-	-	4.73	1.58	-	-	2.9	6.3	6.9	670	2040	2400	3.49	8.95	10.20	3.09
	24	07	-	-	5.31	1.49	-	-	3.0	6.8	7.2	690	2320	2570	3.59	10.18	10.93	2.93
	13	13	-	-	3.15	3.15	-	-	2.9	6.3	6.9	670	2040	2400	3.49	8.95	10.20	3.09
	16	13	-	-	3.73	3.07	-	-	3.0	6.8	7.2	690	2320	2570	3.59	10.18	10.93	2.93
	22	13	-	-	4.45	2.75	-	-	3.2	7.2	7.5	700	2550	2750	3.65	11.18	11.69	2.82
	24	13	-	-	4.73	2.47	-	-	3.2	7.2	7.5	700	2550	2750	3.65	11.18	11.69	2.82
	16	16	-	-	3.60	3.60	-	-	3.2	7.2	7.5	700	2550	2750	3.65	11.18	11.69	2.82
	22	16	-	-	4.17	3.13	-	-	3.2	7.3	7.5	700	2550	2750	3.65	11.18	11.69	2.86
	24	16	-	-	4.47	2.83	-	-	3.2	7.3	7.5	700	2550	2750	3.65	11.18	11.69	2.86
3 units operation	07	07	07	-	2.00	2.00	2.00	-	3.8	6.0	7.5	950	2400	2720	4.40	10.53	11.56	2.50
	10	07	07	-	2.70	2.00	2.00	-	3.8	6.7	8.2	950	2400	2720	4.40	10.53	11.56	2.79
	13	07	07	-	3.65	1.97	1.97	-	3.9	7.6	8.3	960	2410	2740	4.44	10.57	11.65	3.15
	16	07	07	-	4.08	1.81	1.81	-	4.0	7.7	8.5	960	2410	2790	4.44	10.57	11.86	3.20
	22	07	07	-	4.68	1.56	1.56	-	4.1	7.8	8.6	970	2430	2810	4.49	10.66	11.95	3.21
	24	07	07	-	4.99	1.41	1.41	-	4.1	7.8	8.6	970	2430	2810	4.49	10.66	11.95	3.21
	10	10	07	-	2.70	2.70	2.00	-	3.8	7.4	8.2	950	2400	2720	4.40	10.53	11.56	3.08
	13	10	07	-	3.39	2.48	1.83	-	3.9	7.7	8.3	960	2410	2740	4.44	10.57	11.65	3.20
	16	10	07	-	3.77	2.26	1.67	-	4.0	7.7	8.5	960	2410	2790	4.44	10.57	11.86	3.20
	22	10	07	-	4.37	1.97	1.46	-	4.1	7.8	8.6	970	2430	2810	4.49	10.66	11.95	3.21
	24	10	07	-	4.69	1.78	1.32	-	4.1	7.8	8.6	970	2430	2810	4.49	10.66	11.95	3.21
	13	13	07	-	3.03	3.03	1.64	-	4.0	7.7	8.5	960	2410	2790	4.44	10.57	11.86	3.20
	16	13	07	-	3.44	2.83	1.53	-	4.1	7.8	8.6	970	2430	2810	4.49	10.66	11.95	3.21
	22	13	07	-	4.00	2.47	1.33	-	4.1	7.8	8.6	970	2430	2810	4.49	10.66	11.95	3.21
	24	13	07	-	4.38	2.28	1.23	-	4.1	7.9	8.7	970	2440	2830	4.49	10.70	12.03	3.24
	16	16	07	-	3.19	3.19	1.42	-	4.1	7.8	8.6	970	2430	2810	4.49	10.66	11.95	3.21
	22	16	07	-	3.79	2.84	1.26	-	4.1	7.9	8.7	970	2440	2830	4.49	10.70	12.03	3.24
	24	16	07	-	4.12	2.61	1.16	-	4.1	7.9	8.7	970	2440	2830	4.49	10.70	12.03	3.24
	10	10	10	-	2.53	2.53	2.53	-	3.8	7.6	8.2	950	2400	2720	4.40	10.53	11.56	3.17
	13	10	10	-	3.13	2.28	2.28	-	3.9	7.7	8.3	960	2410	2740	4.44	10.57	11.65	3.20
	16	10	10	-	3.50	2.10	2.10	-	4.0	7.7	8.5	960	2410	2790	4.44	10.57	11.86	3.20
	22	10	10	-	4.16	1.87	1.87	-	4.1	7.9	8.7	970	2440	2830	4.49	10.70	12.03	3.24
	24	10	10	-	4.49	1.71	1.71	-	4.1	7.9	8.7	970	2440	2830	4.49	10.70	12.03	3.24
	13	13	10	-	2.82	2.82	2.06	-	4.0	7.7	8.5	960	2410	2790	4.44	10.57	11.86	3.20
	16	13	10	-	3.22	2.65	1.93	-	4.1	7.8	8.6	970	2430	2810	4.49	10.66	11.95	3.21
	13	13	10	-	2.82	2.82	2.06	-	4.0	7.7	8.5	960	2410	2790	4.44	10.57	11.86	3.20

Cooling, 240V

Operating status	Indoor unit				Unit capacity (kW)				Cooling capacity (kW)			Power input (W)			Operating current (A)			EER
	Unit A	Unit B	Unit C	Unit D	Unit A	Unit B	Unit C	Unit D	Min.	Rated	Max.	Min.	Rated	Max.	Min.	Rated	Max.	Rated
3 units operation	16	13	10	-	3.22	2.65	1.93	-	4.1	7.8	8.6	970	2430	2810	4.49	10.66	11.95	3.21
	22	13	10	-	3.82	2.36	1.72	-	4.1	7.9	8.7	970	2440	2830	4.49	10.70	12.03	3.24
	24	13	10	-	4.15	2.17	1.58	-	4.1	7.9	8.7	970	2440	2830	4.49	10.70	12.03	3.24
	16	16	10	-	3.04	3.04	1.82	-	4.1	7.9	8.7	970	2440	2830	4.49	10.70	12.03	3.24
	22	16	10	-	3.59	2.69	1.62	-	4.3	7.9	9.0	980	2440	2900	4.54	10.70	12.33	3.24
	24	16	10	-	3.92	2.49	1.49	-	4.3	7.9	9.0	980	2440	2900	4.54	10.70	12.33	3.24
	13	13	13	-	2.60	2.60	2.60	-	4.1	7.8	8.6	970	2430	2810	4.49	10.66	11.95	3.21
	16	13	13	-	2.99	2.46	2.46	-	4.1	7.9	8.7	970	2440	2830	4.49	10.70	12.03	3.24
	22	13	13	-	3.54	2.18	2.18	-	4.3	7.9	9.0	980	2440	2900	4.54	10.70	12.33	3.24
	24	13	13	-	3.87	2.02	2.02	-	4.3	7.9	9.0	980	2440	2900	4.54	10.70	12.33	3.24
	16	16	13	-	2.80	2.80	2.30	-	4.1	7.9	8.7	970	2440	2830	4.49	10.70	12.03	3.24
	22	16	13	-	3.34	2.50	2.06	-	4.3	7.9	9.0	980	2440	2900	4.54	10.70	12.33	3.24
	24	16	13	-	3.71	2.35	1.93	-	4.3	8.0	9.0	980	2450	2900	4.54	10.75	12.33	3.27
	16	16	16	-	2.63	2.63	2.63	-	4.3	7.9	9.0	980	2440	2900	4.54	10.70	12.33	3.24
	22	16	16	-	3.20	2.40	2.40	-	4.3	8.0	9.0	980	2450	2900	4.54	10.75	12.33	3.27
4 units operation	07	07	07	07	1.78	1.78	1.78	1.78	4.0	7.1	8.6	850	2029	2620	3.94	8.90	11.14	3.50
	10	07	07	07	2.33	1.72	1.72	1.72	4.0	7.5	8.7	890	2143	2640	4.12	9.40	11.22	3.50
	13	07	07	07	2.90	1.57	1.57	1.57	4.1	7.6	8.9	900	2171	2700	4.17	9.52	11.48	3.50
	16	07	07	07	3.30	1.47	1.47	1.47	4.1	7.7	9.0	930	2200	2730	4.31	9.65	11.61	3.50
	22	07	07	07	3.95	1.32	1.32	1.32	4.2	7.9	9.3	950	2257	2820	4.40	9.90	11.99	3.50
	24	07	07	07	4.28	1.21	1.21	1.21	4.2	7.9	9.3	950	2257	2820	4.40	9.90	11.99	3.50
	10	10	07	07	2.18	2.18	1.62	1.62	4.1	7.6	8.9	900	2171	2700	4.17	9.52	11.48	3.50
	13	10	07	07	2.74	2.00	1.48	1.48	4.1	7.7	9.0	930	2200	2730	4.31	9.65	11.61	3.50
	16	10	07	07	3.13	1.88	1.39	1.39	4.1	7.8	9.1	930	2229	2760	4.31	9.78	11.73	3.50
	22	10	07	07	3.73	1.68	1.24	1.24	4.2	7.9	9.3	950	2257	2820	4.40	9.90	11.99	3.50
	24	10	07	07	4.06	1.55	1.14	1.14	4.2	7.9	9.3	950	2257	2820	4.40	9.90	11.99	3.50
	13	13	07	07	2.56	2.56	1.39	1.39	4.1	7.9	9.2	940	2257	2790	4.35	9.90	11.86	3.50
	16	13	07	07	2.91	2.40	1.30	1.30	4.2	7.9	9.3	950	2257	2820	4.40	9.90	11.99	3.50
	22	13	07	07	3.46	2.13	1.15	1.15	4.2	7.9	9.3	950	2257	2820	4.40	9.90	11.99	3.50
	24	13	07	07	3.79	1.98	1.07	1.07	4.2	7.9	9.3	950	2257	2820	4.40	9.90	11.99	3.50
	16	16	07	07	2.73	2.73	1.22	1.22	4.2	7.9	9.3	950	2257	2820	4.40	9.90	11.99	3.50
	10	10	10	07	2.03	2.03	2.03	1.50	4.1	7.6	8.9	900	2171	2700	4.17	9.52	11.48	3.50
	13	10	10	07	2.60	1.90	1.90	1.41	4.1	7.8	9.1	930	2229	2760	4.31	9.78	11.73	3.50
	16	10	10	07	2.99	1.79	1.79	1.33	4.1	7.9	9.2	940	2257	2790	4.35	9.90	11.86	3.50
	22	10	10	07	3.54	1.59	1.59	1.18	4.2	7.9	9.3	950	2257	2820	4.40	9.90	11.99	3.50
	24	10	10	07	3.87	1.47	1.47	1.09	4.2	7.9	9.3	950	2257	2820	4.40	9.90	11.99	3.50
	13	13	10	07	2.42	2.42	1.76	1.31	4.2	7.9	9.3	950	2257	2820	4.40	9.90	11.99	3.50
	16	13	10	07	2.76	2.27	1.65	1.22	4.2	7.9	9.3	950	2257	2820	4.40	9.90	11.99	3.50
	22	13	10	07	3.33	2.06	1.50	1.11	4.2	8.0	9.3	950	2286	2820	4.40	10.03	11.99	3.50
	24	13	10	07	3.66	1.91	1.39	1.03	4.2	8.0	9.3	950	2286	2820	4.40	10.03	11.99	3.50
	16	16	10	07	2.59	2.59	1.56	1.15	4.2	7.9	9.3	950	2257	2820	4.40	9.90	11.99	3.50
	13	13	13	07	2.23	2.23	2.23	1.21	4.2	7.9	9.3	950	2257	2820	4.40	9.90	11.99	3.50
	16	13	13	07	2.56	2.10	2.10	1.14	4.2	7.9	9.3	950	2257	2820	4.40	9.90	11.99	3.50
	16	16	13	07	2.45	2.45	2.01	1.09	4.2	8.0	9.3	950	2286	2820	4.40	10.03	11.99	3.50
	10	10	10	10	1.98	1.98	1.98	1.98	4.1	7.9	9.2	940	2257	2790	4.35	9.90	11.86	3.50

Cooling, 240V

Operating status	Indoor unit				Unit capacity (kW)				Cooling capacity (kW)			Power input (W)			Operating current (A)			EER
	Unit A	Unit B	Unit C	Unit D	Unit A	Unit B	Unit C	Unit D	Min.	Rated	Max.	Min.	Rated	Max.	Min.	Rated	Max.	Rated
4 units operation	13	10	10	10	2.48	1.81	1.81	1.81	4.1	7.9	9.2	940	2257	2790	4.35	9.90	11.86	3.50
	16	10	10	10	2.82	1.69	1.69	1.69	4.2	7.9	9.3	950	2257	2820	4.40	9.90	11.99	3.50
	22	10	10	10	3.40	1.53	1.53	1.53	4.2	8.0	9.3	950	2286	2820	4.40	10.03	11.99	3.50
	24	10	10	10	3.74	1.42	1.42	1.42	4.2	8.0	9.3	950	2286	2820	4.40	10.03	11.99	3.50
	13	13	10	10	2.28	2.28	1.67	1.67	4.2	7.9	9.3	950	2257	2820	4.40	9.90	11.99	3.50
	16	13	10	10	2.61	2.15	1.57	1.57	4.2	7.9	9.3	950	2257	2820	4.40	9.90	11.99	3.50
	16	16	10	10	2.50	2.50	1.50	1.50	4.2	8.0	9.3	950	2286	2820	4.40	10.03	11.99	3.50
	13	13	13	10	2.12	2.12	2.12	1.55	4.2	7.9	9.3	950	2257	2820	4.40	9.90	11.99	3.50
	16	13	13	10	2.47	2.03	2.03	1.48	4.2	8.0	9.3	950	2286	2820	4.40	10.03	11.99	3.50
	13	13	13	13	2.00	2.00	2.00	2.00	4.2	8.0	9.3	950	2286	2820	4.40	10.03	11.99	3.50

Heating, 220V

Operating status	Indoor unit				Unit capacity (kW)				Cooling capacity (kW)			Power input (W)			Operating current (A)			EER
	Unit A	Unit B	Unit C	Unit D	Unit A	Unit B	Unit C	Unit D	Min.	Rated	Max.	Min.	Rated	Max.	Min.	Rated	Max.	Rated
1 unit operation	07	-	-	-	2.70	-	-	-	0.8	2.7	4.8	300	900	1980	1.87	4.70	9.18	3.00
	10	-	-	-	4.00	-	-	-	0.8	4.0	5.2	300	1450	1980	1.87	6.94	9.18	2.76
	13	-	-	-	5.00	-	-	-	0.8	5.0	6.5	310	2050	2750	1.93	9.81	12.76	2.44
	16	-	-	-	5.50	-	-	-	0.8	5.5	6.9	310	2400	3000	1.93	11.48	13.91	2.29
	22	-	-	-	7.00	-	-	-	1.8	7.0	8.2	330	2620	3200	2.05	12.41	14.84	2.67
	24	-	-	-	8.10	-	-	-	1.8	8.1	8.6	330	3080	3300	2.05	14.58	15.31	2.63
2 units operation	07	07	-	-	2.70	2.70	-	-	1.5	5.4	7.4	320	2050	3200	1.94	9.81	14.84	2.63
	10	07	-	-	4.00	2.70	-	-	1.5	6.7	8.9	320	2080	3200	1.94	9.95	14.84	3.22
	13	07	-	-	4.81	2.59	-	-	1.5	7.4	10.1	320	2320	3210	1.94	11.10	14.89	3.19
	16	07	-	-	5.10	2.50	-	-	1.5	7.6	10.1	320	2480	3230	1.94	11.87	14.98	3.06
	22	07	-	-	5.70	2.20	-	-	1.5	7.9	10.1	320	2480	3230	1.94	11.87	14.98	3.19
	24	07	-	-	6.23	2.08	-	-	1.5	8.3	10.2	320	2700	3240	1.94	12.92	15.03	3.07
	10	10	-	-	3.60	3.60	-	-	1.5	7.2	10.0	320	2100	3200	1.94	10.05	14.84	3.43
	13	10	-	-	4.22	3.38	-	-	1.5	7.6	10.1	320	2320	3210	1.94	11.10	14.89	3.28
	16	10	-	-	4.57	3.33	-	-	1.5	7.9	10.1	320	2480	3230	1.94	11.87	14.98	3.19
	22	10	-	-	5.28	3.02	-	-	1.5	8.3	10.2	320	2700	3240	1.94	12.92	15.03	3.07
	24	10	-	-	5.76	2.84	-	-	1.5	8.6	10.2	320	2860	3250	1.94	13.68	15.07	3.01
	13	13	-	-	3.95	3.95	-	-	1.5	7.9	10.1	320	2480	3230	1.94	11.87	14.98	3.19
	16	13	-	-	4.35	3.95	-	-	1.5	8.3	10.2	320	2700	3240	1.94	12.92	15.03	3.07
	22	13	-	-	5.02	3.58	-	-	1.5	8.6	10.2	320	2860	3250	1.94	13.68	15.07	3.01
	24	13	-	-	5.32	3.28	-	-	1.5	8.6	10.2	320	2860	3250	1.94	13.68	15.07	3.01
	16	16	-	-	4.30	4.30	-	-	1.5	8.6	10.2	320	2860	3250	1.94	13.68	15.07	3.01
	22	16	-	-	4.82	3.78	-	-	1.5	8.6	10.2	320	2860	3250	1.94	13.68	15.07	3.01
	24	16	-	-	5.12	3.48	-	-	1.5	8.6	10.2	320	2860	3250	1.94	13.68	15.07	3.01
3 units operation	07	07	07	-	2.70	2.70	2.70	-	2.0	8.1	10.4	380	2290	2750	2.16	10.96	12.76	3.54
	10	07	07	-	3.53	2.38	2.38	-	2.0	8.3	10.4	380	2300	2750	2.16	11.00	12.76	3.61
	13	07	07	-	4.13	2.23	2.23	-	2.0	8.6	10.4	380	2300	2750	2.16	11.00	12.76	3.74
	16	07	07	-	4.39	2.16	2.16	-	2.0	8.7	10.5	380	2350	2760	2.16	11.24	12.80	3.70
	22	07	07	-	4.91	1.89	1.89	-	2.0	8.7	10.5	380	2350	2760	2.16	11.24	12.80	3.70
	24	07	07	-	5.22	1.74	1.74	-	2.0	8.7	10.5	380	2350	2760	2.16	11.24	12.80	3.70
	10	10	07	-	3.18	3.18	2.14	-	2.0	8.5	10.4	380	2300	2750	2.16	11.00	12.76	3.70
	13	10	07	-	3.72	2.97	2.01	-	2.0	8.7	10.5	380	2350	2760	2.16	11.24	12.80	3.70

Heating, 220V

Operating status	Indoor unit				Unit capacity (kW)				Cooling capacity (kW)			Power input (W)			Operating current (A)			EER
	Unit A	Unit B	Unit C	Unit D	Unit A	Unit B	Unit C	Unit D	Min.	Rated	Max.	Min.	Rated	Max.	Min.	Rated	Max.	Rated
3 units operation	13	10	07	-	3.72	2.97	2.01	-	2.0	8.7	10.5	380	2350	2760	2.16	11.24	12.80	3.70
	16	10	07	-	3.92	2.85	1.93	-	2.0	8.7	10.5	380	2350	2760	2.16	11.24	12.80	3.70
	22	10	07	-	4.50	2.57	1.73	-	2.0	8.8	10.6	380	2400	2780	2.16	11.48	12.89	3.67
	24	10	07	-	4.82	2.38	1.61	-	2.0	8.8	10.6	380	2400	2780	2.16	11.48	12.89	3.67
	13	13	07	-	3.43	3.43	1.85	-	2.0	8.7	10.5	380	2350	2760	2.16	11.24	12.80	3.70
	16	13	07	-	3.67	3.33	1.80	-	2.0	8.8	10.6	380	2400	2780	2.16	11.48	12.89	3.67
	22	13	07	-	4.24	3.03	1.63	-	2.0	8.9	10.7	380	2450	2790	2.16	11.72	12.94	3.63
	24	13	07	-	4.56	2.82	1.52	-	2.0	8.9	10.7	380	2450	2790	2.16	11.72	12.94	3.63
	16	16	07	-	3.57	3.57	1.75	-	2.0	8.9	10.7	380	2450	2790	2.16	11.72	12.94	3.63
	22	16	07	-	4.10	3.22	1.58	-	2.0	8.9	10.7	380	2450	2790	2.16	11.72	12.94	3.63
	24	16	07	-	4.42	3.00	1.47	-	2.0	8.9	10.7	380	2450	2790	2.16	11.72	12.94	3.63
	13	13	10	-	3.11	3.11	2.49	-	2.0	8.7	10.5	380	2350	2760	2.16	11.24	12.80	3.70
	16	13	10	-	3.34	3.03	2.43	-	2.0	8.8	10.6	380	2400	2780	2.16	11.48	12.89	3.67
	22	13	10	-	3.89	2.78	2.23	-	2.0	8.9	10.7	380	2450	2790	2.16	11.72	12.94	3.63
	24	13	10	-	4.22	2.60	2.08	-	2.0	8.9	10.7	380	2450	2790	2.16	11.72	12.94	3.63
	16	16	10	-	3.26	3.26	2.37	-	2.0	8.9	10.7	380	2450	2790	2.16	11.72	12.94	3.63
	22	16	10	-	3.78	2.97	2.16	-	2.0	8.9	10.7	380	2450	2790	2.16	11.72	12.94	3.63
	24	16	10	-	4.10	2.78	2.02	-	2.0	8.9	10.7	380	2450	2790	2.16	11.72	12.94	3.63
	13	13	13	-	2.93	2.93	2.93	-	2.0	8.8	10.6	380	2400	2780	2.16	11.48	12.89	3.67
	16	13	13	-	3.16	2.87	2.87	-	2.0	8.9	10.7	380	2450	2790	2.16	11.72	12.94	3.63
	22	13	13	-	3.66	2.62	2.62	-	2.0	8.9	10.7	380	2450	2790	2.16	11.72	12.94	3.63
	24	13	13	-	3.98	2.46	2.46	-	2.0	8.9	10.7	380	2450	2790	2.16	11.72	12.94	3.63
	16	16	13	-	3.06	3.06	2.78	-	2.0	8.9	10.7	380	2450	2790	2.16	11.72	12.94	3.63
	22	16	13	-	3.56	2.80	2.54	-	2.0	8.9	10.7	380	2450	2790	2.16	11.72	12.94	3.63
	24	16	13	-	3.88	2.63	2.39	-	2.0	8.9	10.7	380	2450	2790	2.16	11.72	12.94	3.63
	16	16	16	-	2.97	2.97	2.97	-	2.0	8.9	10.7	380	2450	2790	2.16	11.72	12.94	3.63
	22	16	16	-	3.46	2.72	2.72	-	2.0	8.9	10.7	380	2450	2790	2.16	11.72	12.94	3.63
4 units operation	07	07	07	07	2.09	2.09	2.09	2.09	2.90	8.4	11.5	501	1792	2560	2.53	8.57	11.87	4.67
	10	07	07	07	2.80	1.89	1.89	1.89	2.90	8.5	11.5	501	1812	2560	2.53	8.67	11.87	4.67
	13	07	07	07	3.30	1.78	1.78	1.78	2.90	8.6	11.6	501	1850	2580	2.53	8.85	11.97	4.67
	16	07	07	07	3.53	1.73	1.73	1.73	2.90	8.7	11.6	501	1869	2580	2.53	8.94	11.97	4.67
	22	07	07	07	4.13	1.59	1.59	1.59	2.64	8.9	11.7	480	1905	2600	2.42	9.11	12.06	4.67
	24	07	07	07	4.45	1.48	1.48	1.48	2.64	8.9	11.7	480	1905	2600	2.42	9.11	12.06	4.67
	10	10	07	07	2.58	2.58	1.74	1.74	2.90	8.6	11.6	501	1850	2580	2.53	8.85	11.97	4.67
	13	10	07	07	3.03	2.43	1.64	1.64	2.90	8.7	11.6	501	1869	2580	2.53	8.94	11.97	4.67
	16	10	07	07	3.26	2.37	1.60	1.60	2.90	8.8	11.6	501	1889	2580	2.53	9.04	11.97	4.67
	24	10	07	07	4.12	2.03	1.37	1.37	2.64	8.9	11.7	480	1905	2600	2.42	9.11	12.06	4.67
	13	13	07	07	2.89	2.89	1.56	1.56	2.90	8.9	11.7	501	1905	2600	2.53	9.11	12.06	4.67
	16	13	07	07	3.08	2.80	1.51	1.51	2.90	8.9	11.7	501	1905	2600	2.53	9.11	12.06	4.67
	22	13	07	07	3.58	2.56	1.38	1.38	2.64	8.9	11.7	480	1905	2600	2.42	9.11	12.06	4.67
	24	13	07	07	3.90	2.41	1.30	1.30	2.64	8.9	11.7	480	1905	2600	2.42	9.11	12.06	4.67
	16	16	07	07	2.98	2.98	1.47	1.47	2.90	8.9	11.7	501	1905	2600	2.53	9.11	12.06	4.67
	10	10	10	07	2.35	2.35	2.35	1.59	2.90	8.6	11.6	501	1850	2580	2.53	8.85	11.97	4.67
	13	10	10	07	2.81	2.25	2.25	1.52	2.90	8.8	11.6	501	1889	2580	2.53	9.04	11.97	4.67
	16	10	10	07	3.02	2.20	2.20	1.48	2.90	8.9	11.7	501	1905	2600	2.53	9.11	12.06	4.67

Heating, 220V

Operating status	Indoor unit				Unit capacity (kW)				Cooling capacity (kW)			Power input (W)			Operating current (A)			EER
	Unit A	Unit B	Unit C	Unit D	Unit A	Unit B	Unit C	Unit D	Min.	Rated	Max.	Min.	Rated	Max.	Min.	Rated	Max.	Rated
4 units operation	22	10	10	07	3.52	2.01	2.01	1.36	2.64	8.9	11.7	480	1905	2600	2.42	9.11	12.06	4.67
	24	10	10	07	3.83	1.89	1.89	1.28	2.64	8.9	11.7	480	1905	2600	2.42	9.11	12.06	4.67
	13	13	10	07	2.66	2.66	2.13	1.44	2.90	8.9	11.7	501	1905	2600	2.53	9.11	12.06	4.67
	16	13	10	07	2.85	2.59	2.07	1.40	2.90	8.9	11.7	501	1905	2600	2.53	9.11	12.06	4.67
	22	13	10	07	3.37	2.41	1.93	1.30	2.64	9.0	11.7	480	1927	2600	2.42	9.22	12.06	4.67
	24	13	10	07	3.68	2.27	1.82	1.23	2.64	9.0	11.7	480	1927	2600	2.42	9.22	12.06	4.67
	16	16	10	07	2.77	2.77	2.01	1.36	2.90	8.9	11.7	501	1905	2600	2.53	9.11	12.06	4.67
	13	13	13	07	2.51	2.51	2.51	1.36	2.90	8.9	11.7	501	1905	2600	2.53	9.11	12.06	4.67
	16	13	13	07	2.69	2.45	2.45	1.32	2.90	8.9	11.7	501	1905	2600	2.53	9.11	12.06	4.67
	16	16	13	07	2.65	2.65	2.41	1.30	2.90	9.0	11.7	501	1927	2600	2.53	9.22	12.06	4.67
	10	10	10	10	2.18	2.18	2.18	2.18	2.90	8.7	11.6	501	1869	2580	2.53	8.94	11.97	4.67
	13	10	10	10	2.62	2.09	2.09	2.09	2.90	8.9	11.7	501	1905	2600	2.53	9.11	12.06	4.67
	16	10	10	10	2.80	2.03	2.03	2.03	2.90	8.9	11.7	501	1905	2600	2.53	9.11	12.06	4.67
	24	10	10	10	3.63	1.79	1.79	1.79	2.64	9.0	11.7	480	1927	2600	2.42	9.22	12.06	4.67
	13	13	10	10	2.47	2.47	1.98	1.98	2.90	8.9	11.7	501	1905	2600	2.53	9.11	12.06	4.67
	16	13	10	10	2.65	2.41	1.92	1.92	2.90	8.9	11.7	501	1905	2600	2.53	9.11	12.06	4.67
	16	16	10	10	2.61	2.61	1.89	1.89	2.90	9.0	11.7	501	1905	2600	2.53	9.11	12.06	4.67
	13	13	13	10	2.34	2.34	2.34	1.87	2.90	8.9	11.7	501	1905	2600	2.53	9.11	12.06	4.67
	16	13	13	10	2.54	2.31	2.31	1.85	2.90	9.0	11.7	501	1927	2600	2.53	9.22	12.06	4.67
	13	13	13	13	2.25	2.25	2.25	2.25	2.90	9.0	11.7	501	1927	2600	2.53	9.22	12.06	4.67

Heating, 230V

Operating status	Indoor unit				Unit capacity (kW)				Cooling capacity (kW)			Power input (W)			Operating current (A)			EER
	Unit A	Unit B	Unit C	Unit D	Unit A	Unit B	Unit C	Unit D	Min.	Rated	Max.	Min.	Rated	Max.	Min.	Rated	Max.	Rated
1 unit operation	07	-	-	-	2.70	-	-	-	0.8	2.7	4.8	300	900	1980	1.79	4.50	8.78	3.00
	10	-	-	-	4.00	-	-	-	0.8	4.0	5.2	300	1450	1980	1.79	6.64	8.78	2.76
	13	-	-	-	5.00	-	-	-	0.8	5.0	6.5	310	2050	2750	1.85	9.38	12.20	2.44
	16	-	-	-	5.50	-	-	-	0.8	5.5	6.9	310	2400	3000	1.85	10.98	13.31	2.29
	22	-	-	-	7.00	-	-	-	1.8	7.0	8.2	330	2620	3200	1.97	11.87	14.20	2.67
	24	-	-	-	8.10	-	-	-	1.8	8.1	8.6	330	3080	3300	1.97	13.95	14.64	2.63
2 units operation	07	07	-	-	2.70	2.70	-	-	1.5	5.4	7.4	320	2050	3200	1.86	9.38	14.20	2.63
	10	07	-	-	4.00	2.70	-	-	1.5	6.7	8.9	320	2080	3200	1.86	9.52	14.20	3.22
	13	07	-	-	4.81	2.59	-	-	1.5	7.4	10.1	320	2320	3210	1.86	10.62	14.24	3.19
	16	07	-	-	5.10	2.50	-	-	1.5	7.6	10.1	320	2480	3230	1.86	11.35	14.33	3.06
	22	07	-	-	5.70	2.20	-	-	1.5	7.9	10.1	320	2480	3230	1.86	11.35	14.33	3.19
	24	07	-	-	6.23	2.08	-	-	1.5	8.3	10.2	320	2700	3240	1.86	12.36	14.37	3.07
	10	10	-	-	3.60	3.60	-	-	1.5	7.2	10.0	320	2100	3200	1.86	9.61	14.20	3.43
	13	10	-	-	4.22	3.38	-	-	1.5	7.6	10.1	320	2320	3210	1.86	10.62	14.24	3.28
	16	10	-	-	4.57	3.33	-	-	1.5	7.9	10.1	320	2480	3230	1.86	11.35	14.33	3.19
	22	10	-	-	5.28	3.02	-	-	1.5	8.3	10.2	320	2700	3240	1.86	12.36	14.37	3.07
	24	10	-	-	5.76	2.84	-	-	1.5	8.6	10.2	320	2860	3250	1.86	13.09	14.42	3.01
	13	13	-	-	3.95	3.95	-	-	1.5	7.9	10.1	320	2480	3230	1.86	11.35	14.33	3.19
	16	13	-	-	4.35	3.95	-	-	1.5	8.3	10.2	320	2700	3240	1.86	12.36	14.37	3.07
	22	13	-	-	5.02	3.58	-	-	1.5	8.6	10.2	320	2860	3250	1.86	13.09	14.42	3.01
	24	13	-	-	5.32	3.28	-	-	1.5	8.6	10.2	320	2860	3250	1.86	13.09	14.42	3.01
	16	16	-	-	4.30	4.30	-	-	1.5	8.6	10.2	320	2860	3250	1.86	13.09	14.42	3.01

Heating, 230V

Operating status	Indoor unit				Unit capacity (kW)				Cooling capacity (kW)			Power input (W)			Operating current (A)			EER
	Unit A	Unit B	Unit C	Unit D	Unit A	Unit B	Unit C	Unit D	Min.	Rated	Max.	Min.	Rated	Max.	Min.	Rated	Max.	
2 units operation	22	16	-	-	4.82	3.78	-	-	1.5	8.6	10.2	320	2860	3250	1.86	13.09	14.42	3.01
	24	16	-	-	5.12	3.48	-	-	1.5	8.6	10.2	320	2860	3250	1.86	13.09	14.42	3.01
3 units operation	07	07	07	-	2.70	2.70	2.70	-	2.0	8.1	10.4	380	2290	2750	2.07	10.48	12.20	3.54
	10	07	07	-	3.53	2.38	2.38	-	2.0	8.3	10.4	380	2300	2750	2.07	10.53	12.20	3.61
	13	07	07	-	4.13	2.23	2.23	-	2.0	8.6	10.4	380	2300	2750	2.07	10.53	12.20	3.74
	16	07	07	-	4.39	2.16	2.16	-	2.0	8.7	10.5	380	2350	2760	2.07	10.76	12.24	3.70
	22	07	07	-	4.91	1.89	1.89	-	2.0	8.7	10.5	380	2350	2760	2.07	10.76	12.24	3.70
	24	07	07	-	5.22	1.74	1.74	-	2.0	8.7	10.5	380	2350	2760	2.07	10.76	12.24	3.70
	10	10	07	-	3.18	3.18	2.14	-	2.0	8.5	10.4	380	2300	2750	2.07	10.53	12.20	3.70
	13	10	07	-	3.72	2.97	2.01	-	2.0	8.7	10.5	380	2350	2760	2.07	10.76	12.24	3.70
	16	10	07	-	3.92	2.85	1.93	-	2.0	8.7	10.5	380	2350	2760	2.07	10.76	12.24	3.70
	22	10	07	-	4.50	2.57	1.73	-	2.0	8.8	10.6	380	2400	2780	2.07	10.98	12.33	3.67
	24	10	07	-	4.82	2.38	1.61	-	2.0	8.8	10.6	380	2400	2780	2.07	10.98	12.33	3.67
	13	13	07	-	3.43	3.43	1.85	-	2.0	8.7	10.5	380	2350	2760	2.07	10.76	12.24	3.70
	16	13	07	-	3.67	3.33	1.80	-	2.0	8.8	10.6	380	2400	2780	2.07	10.98	12.33	3.67
	16	16	07	-	3.57	3.57	1.75	-	2.0	8.9	10.7	380	2450	2790	2.07	11.21	12.38	3.63
	22	16	07	-	4.10	3.22	1.58	-	2.0	8.9	10.7	380	2450	2790	2.07	11.21	12.38	3.63
	24	16	07	-	4.42	3.00	1.47	-	2.0	8.9	10.7	380	2450	2790	2.07	11.21	12.38	3.63
	10	10	10	-	2.87	2.87	2.87	-	2.0	8.6	10.4	380	2300	2750	2.07	10.53	12.20	3.74
	13	10	10	-	3.35	2.68	2.68	-	2.0	8.7	10.5	380	2350	2760	2.07	10.76	12.24	3.70
	16	10	10	-	3.54	2.58	2.58	-	2.0	8.7	10.5	380	2350	2760	2.07	10.76	12.24	3.70
	22	10	10	-	4.15	2.37	2.37	-	2.0	8.9	10.7	380	2450	2790	2.07	11.21	12.38	3.63
	24	10	10	-	4.48	2.21	2.21	-	2.0	8.9	10.7	380	2450	2790	2.07	11.21	12.38	3.63
	13	13	10	-	3.11	3.11	2.49	-	2.0	8.7	10.5	380	2350	2760	2.07	10.76	12.24	3.70
	16	13	10	-	3.34	3.03	2.43	-	2.0	8.8	10.6	380	2400	2780	2.07	10.98	12.33	3.67
	22	13	10	-	3.89	2.78	2.23	-	2.0	8.9	10.7	380	2450	2790	2.07	11.21	12.38	3.63
	24	13	10	-	4.22	2.60	2.08	-	2.0	8.9	10.7	380	2450	2790	2.07	11.21	12.38	3.63
	16	16	10	-	3.26	3.26	2.37	-	2.0	8.9	10.7	380	2450	2790	2.07	11.21	12.38	3.63
	22	16	10	-	3.78	2.97	2.16	-	2.0	8.9	10.7	380	2450	2790	2.07	11.21	12.38	3.63
	24	16	10	-	4.10	2.78	2.02	-	2.0	8.9	10.7	380	2450	2790	2.07	11.21	12.38	3.63
	13	13	13	-	2.93	2.93	2.93	-	2.0	8.8	10.6	380	2400	2780	2.07	10.98	12.33	3.67
	16	13	13	-	3.16	2.87	2.87	-	2.0	8.9	10.7	380	2450	2790	2.07	11.21	12.38	3.63
	22	13	13	-	3.66	2.62	2.62	-	2.0	8.9	10.7	380	2450	2790	2.07	11.21	12.38	3.63
	24	13	13	-	3.98	2.46	2.46	-	2.0	8.9	10.7	380	2450	2790	2.07	11.21	12.38	3.63
	16	16	13	-	3.06	3.06	2.78	-	2.0	8.9	10.7	380	2450	2790	2.07	11.21	12.38	3.63
	22	16	13	-	3.56	2.80	2.54	-	2.0	8.9	10.7	380	2450	2790	2.07	11.21	12.38	3.63
	24	16	13	-	3.88	2.63	2.39	-	2.0	8.9	10.7	380	2450	2790	2.07	11.21	12.38	3.63
4 units operation	07	07	07	07	2.09	2.09	2.09	2.09	2.90	8.4	11.5	501	1792	2560	2.42	8.20	11.36	4.67
	10	07	07	07	2.80	1.89	1.89	1.89	2.90	8.5	11.5	501	1812	2560	2.42	8.29	11.36	4.67
	13	07	07	07	3.30	1.78	1.78	1.78	2.90	8.6	11.6	501	1850	2580	2.42	8.47	11.45	4.67
	16	07	07	07	3.53	1.73	1.73	1.73	2.90	8.7	11.6	501	1869	2580	2.42	8.55	11.45	4.67
	22	07	07	07	4.13	1.59	1.59	1.59	2.64	8.9	11.7	480	1905	2600	2.32	8.72	11.54	4.67
	24	07	07	07	4.45	1.48	1.48	1.48	2.64	8.9	11.7	480	1905	2600	2.32	8.72	11.54	4.67
	10	10	07	07	2.58	2.58	1.74	1.74	2.90	8.6	11.6	501	1850	2580	2.42	8.47	11.45	4.67
	13	10	07	07	3.03	2.43	1.64	1.64	2.90	8.7	11.6	501	1869	2580	2.42	8.55	11.45	4.67

Heating, 230V

Operating status	Indoor unit				Unit capacity (kW)				Cooling capacity (kW)			Power input (W)			Operating current (A)			EER
	Unit A	Unit B	Unit C	Unit D	Unit A	Unit B	Unit C	Unit D	Min.	Rated	Max.	Min.	Rated	Max.	Min.	Rated	Max.	Rated
4 units operation	16	10	07	07	3.26	2.37	1.60	1.60	2.90	8.8	11.6	501	1889	2580	2.42	8.65	11.45	4.67
	22	10	07	07	3.80	2.17	1.47	1.47	2.64	8.9	11.7	480	1905	2600	2.32	8.72	11.54	4.67
	24	10	07	07	4.12	2.03	1.37	1.37	2.64	8.9	11.7	480	1905	2600	2.32	8.72	11.54	4.67
	13	13	07	07	2.89	2.89	1.56	1.56	2.90	8.9	11.7	501	1905	2600	2.42	8.72	11.54	4.67
	16	13	07	07	3.08	2.80	1.51	1.51	2.90	8.9	11.7	501	1905	2600	2.42	8.72	11.54	4.67
	22	13	07	07	3.58	2.56	1.38	1.38	2.64	8.9	11.7	480	1905	2600	2.32	8.72	11.54	4.67
	24	13	07	07	3.90	2.41	1.30	1.30	2.64	8.9	11.7	480	1905	2600	2.32	8.72	11.54	4.67
	16	16	07	07	2.98	2.98	1.47	1.47	2.90	8.9	11.7	501	1905	2600	2.42	8.72	11.54	4.67
	10	10	10	07	2.35	2.35	2.35	1.59	2.90	8.6	11.6	501	1850	2580	2.42	8.47	11.45	4.67
	13	10	10	07	2.81	2.25	2.25	1.52	2.90	8.8	11.6	501	1889	2580	2.42	8.65	11.45	4.67
	16	10	10	07	3.02	2.20	2.20	1.48	2.90	8.9	11.7	501	1905	2600	2.42	8.72	11.54	4.67
	22	10	10	07	3.52	2.01	2.01	1.36	2.64	8.9	11.7	480	1905	2600	2.32	8.72	11.54	4.67
	24	10	10	07	3.83	1.89	1.89	1.28	2.64	8.9	11.7	480	1905	2600	2.32	8.72	11.54	4.67
	13	13	10	07	2.66	2.66	2.13	1.44	2.90	8.9	11.7	501	1905	2600	2.42	8.72	11.54	4.67
	16	13	10	07	2.85	2.59	2.07	1.40	2.90	8.9	11.7	501	1905	2600	2.42	8.72	11.54	4.67
	22	13	10	07	3.37	2.41	1.93	1.30	2.64	9.0	11.7	480	1927	2600	2.32	8.82	11.54	4.67
	24	13	10	07	3.68	2.27	1.82	1.23	2.64	9.0	11.7	480	1927	2600	2.32	8.82	11.54	4.67
	16	16	10	07	2.77	2.77	2.01	1.36	2.90	8.9	11.7	501	1905	2600	2.42	8.72	11.54	4.67
	13	13	13	07	2.51	2.51	2.51	1.36	2.90	8.9	11.7	501	1905	2600	2.42	8.72	11.54	4.67
	16	13	13	07	2.69	2.45	2.45	1.32	2.90	8.9	11.7	501	1905	2600	2.42	8.72	11.54	4.67
	16	16	13	07	2.65	2.65	2.41	1.30	2.90	9.0	11.7	501	1927	2600	2.42	8.82	11.54	4.67
	10	10	10	10	2.18	2.18	2.18	2.18	2.90	8.7	11.6	501	1869	2580	2.42	8.55	11.45	4.67
	13	10	10	10	2.62	2.09	2.09	2.09	2.90	8.9	11.7	501	1905	2600	2.42	8.72	11.54	4.67
	16	10	10	10	2.80	2.03	2.03	2.03	2.90	8.9	11.7	501	1905	2600	2.42	8.72	11.54	4.67
	22	10	10	10	3.32	1.89	1.89	1.89	2.64	9.0	11.7	480	1927	2600	2.32	8.82	11.54	4.67
	24	10	10	10	3.63	1.79	1.79	1.79	2.64	9.0	11.7	480	1927	2600	2.32	8.82	11.54	4.67
	13	13	10	10	2.47	2.47	1.98	1.98	2.90	8.9	11.7	501	1905	2600	2.42	8.72	11.54	4.67
	16	13	10	10	2.65	2.41	1.92	1.92	2.90	8.9	11.7	501	1905	2600	2.42	8.72	11.54	4.67
	16	16	10	10	2.61	2.61	1.89	1.89	2.90	9.0	11.7	501	1927	2600	2.42	8.82	11.54	4.67
	13	13	13	10	2.34	2.34	2.34	1.87	2.90	8.9	11.7	501	1905	2600	2.42	8.72	11.54	4.67
	16	13	13	10	2.54	2.31	2.31	1.85	2.90	9.0	11.7	501	1927	2600	2.42	8.82	11.54	4.67
	13	13	13	13	2.25	2.25	2.25	2.25	2.90	9.0	11.7	501	1927	2600	2.42	8.82	11.54	4.67

Heating, 240V

Operating status	Indoor unit				Unit capacity (kW)				Cooling capacity (kW)			Power input (W)			Operating current (A)			EER
	Unit A	Unit B	Unit C	Unit D	Unit A	Unit B	Unit C	Unit D	Min.	Rated	Max.	Min.	Rated	Max.	Min.	Rated	Max.	Rated
1 unit operation	07	-	-	-	2.70	-	-	-	0.8	2.7	4.8	300	900	1980	1.71	4.31	8.42	3.00
	10	-	-	-	4.00	-	-	-	0.8	4.0	5.2	300	1450	1980	1.71	6.36	8.42	2.76
	13	-	-	-	5.00	-	-	-	0.8	5.0	6.5	310	2050	2750	1.77	8.99	11.69	2.44
	16	-	-	-	5.50	-	-	-	0.8	5.5	6.9	310	2400	3000	1.77	10.53	12.76	2.29
	22	-	-	-	7.00	-	-	-	1.8	7.0	8.2	330	2620	3200	1.88	11.37	13.61	2.67
	24	-	-	-	8.10	-	-	-	1.8	8.1	8.6	330	3080	3300	1.88	13.37	14.03	2.63
2 units operation	07	07	-	-	2.70	2.70	-	-	1.5	5.4	7.4	320	2050	3200	1.78	8.99	13.61	2.63
	10	07	-	-	4.00	2.70	-	-	1.5	6.7	8.9	320	2080	3200	1.78	9.12	13.61	3.22
	13	07	-	-	4.81	2.59	-	-	1.5	7.4	10.1	320	2320	3210	1.78	10.18	13.65	3.19
	16	07	-	-	5.10	2.50	-	-	1.5	7.6	10.1	320	2480	3230	1.78	10.88	13.73	3.06

Heating, 240V

Operating status	Indoor unit				Unit capacity (kW)				Cooling capacity (kW)			Power input (W)			Operating current (A)			EER
	Unit A	Unit B	Unit C	Unit D	Unit A	Unit B	Unit C	Unit D	Min.	Rated	Max.	Min.	Rated	Max.	Min.	Rated	Max.	Rated
2 units operation	24	07	-	-	6.23	2.08	-	-	1.5	8.3	10.2	320	2700	3240	1.78	11.84	13.78	3.07
	10	10	-	-	3.60	3.60	-	-	1.5	7.2	10.0	320	2100	3200	1.78	9.21	13.61	3.43
	13	10	-	-	4.22	3.38	-	-	1.5	7.6	10.1	320	2320	3210	1.78	10.18	13.65	3.28
	16	10	-	-	4.57	3.33	-	-	1.5	7.9	10.1	320	2480	3230	1.78	10.88	13.73	3.19
	22	10	-	-	5.28	3.02	-	-	1.5	8.3	10.2	320	2700	3240	1.78	11.84	13.78	3.07
	24	10	-	-	5.76	2.84	-	-	1.5	8.6	10.2	320	2860	3250	1.78	12.54	13.82	3.01
	13	13	-	-	3.95	3.95	-	-	1.5	7.9	10.1	320	2480	3230	1.78	10.88	13.73	3.19
	16	13	-	-	4.35	3.95	-	-	1.5	8.3	10.2	320	2700	3240	1.78	11.84	13.78	3.07
	24	13	-	-	5.32	3.28	-	-	1.5	8.6	10.2	320	2860	3250	1.78	12.54	13.82	3.01
	16	16	-	-	4.30	4.30	-	-	1.5	8.6	10.2	320	2860	3250	1.78	12.54	13.82	3.01
	22	16	-	-	4.82	3.78	-	-	1.5	8.6	10.2	320	2860	3250	1.78	12.54	13.82	3.01
	24	16	-	-	5.12	3.48	-	-	1.5	8.6	10.2	320	2860	3250	1.78	12.54	13.82	3.01
3 units operation	07	07	07	-	2.70	2.70	2.70	-	2.0	8.1	10.4	380	2290	2750	1.98	10.04	11.69	3.54
	10	07	07	-	3.53	2.38	2.38	-	2.0	8.3	10.4	380	2300	2750	1.98	10.09	11.69	3.61
	13	07	07	-	4.13	2.23	2.23	-	2.0	8.6	10.4	380	2300	2750	1.98	10.09	11.69	3.74
	16	07	07	-	4.39	2.16	2.16	-	2.0	8.7	10.5	380	2350	2760	1.98	10.31	11.73	3.70
	22	07	07	-	4.91	1.89	1.89	-	2.0	8.7	10.5	380	2350	2760	1.98	10.31	11.73	3.70
	24	07	07	-	5.22	1.74	1.74	-	2.0	8.7	10.5	380	2350	2760	1.98	10.31	11.73	3.70
	10	10	07	-	3.18	3.18	2.14	-	2.0	8.5	10.4	380	2300	2750	1.98	10.09	11.69	3.70
	13	10	07	-	3.72	2.97	2.01	-	2.0	8.7	10.5	380	2350	2760	1.98	10.31	11.73	3.70
	16	10	07	-	3.92	2.85	1.93	-	2.0	8.7	10.5	380	2350	2760	1.98	10.31	11.73	3.70
	22	10	07	-	4.50	2.57	1.73	-	2.0	8.8	10.6	380	2400	2780	1.98	10.53	11.82	3.67
	24	10	07	-	4.82	2.38	1.61	-	2.0	8.8	10.6	380	2400	2780	1.98	10.53	11.82	3.67
	13	13	07	-	3.43	3.43	1.85	-	2.0	8.7	10.5	380	2350	2760	1.98	10.31	11.73	3.70
	16	13	07	-	3.67	3.33	1.80	-	2.0	8.8	10.6	380	2400	2780	1.98	10.53	11.82	3.67
	22	13	07	-	4.24	3.03	1.63	-	2.0	8.9	10.7	380	2450	2790	1.98	10.75	11.86	3.63
	24	13	07	-	4.56	2.82	1.52	-	2.0	8.9	10.7	380	2450	2790	1.98	10.75	11.86	3.63
	16	16	07	-	3.57	3.57	1.75	-	2.0	8.9	10.7	380	2450	2790	1.98	10.75	11.86	3.63
	22	16	07	-	4.10	3.22	1.58	-	2.0	8.9	10.7	380	2450	2790	1.98	10.75	11.86	3.63
	24	16	07	-	4.42	3.00	1.47	-	2.0	8.9	10.7	380	2450	2790	1.98	10.75	11.86	3.63
	10	10	10	-	2.87	2.87	2.87	-	2.0	8.6	10.4	380	2300	2750	1.98	10.09	11.69	3.74
	13	10	10	-	3.35	2.68	2.68	-	2.0	8.7	10.5	380	2350	2760	1.98	10.31	11.73	3.70
	16	10	10	-	3.54	2.58	2.58	-	2.0	8.7	10.5	380	2350	2760	1.98	10.31	11.73	3.70
	24	10	10	-	4.48	2.21	2.21	-	2.0	8.9	10.7	380	2450	2790	1.98	10.75	11.86	3.63
	13	13	10	-	3.11	3.11	2.49	-	2.0	8.7	10.5	380	2350	2760	1.98	10.31	11.73	3.70
	16	13	10	-	3.34	3.03	2.43	-	2.0	8.8	10.6	380	2400	2780	1.98	10.53	11.82	3.67
	22	13	10	-	3.89	2.78	2.23	-	2.0	8.9	10.7	380	2450	2790	1.98	10.75	11.86	3.63
	16	16	10	-	3.26	3.26	2.37	-	2.0	8.9	10.7	380	2450	2790	1.98	10.75	11.86	3.63
	22	16	10	-	3.78	2.97	2.16	-	2.0	8.9	10.7	380	2450	2790	1.98	10.75	11.86	3.63
	24	16	10	-	4.10	2.78	2.02	-	2.0	8.9	10.7	380	2450	2790	1.98	10.75	11.86	3.63
	13	13	13	-	2.93	2.93	2.93	-	2.0	8.8	10.6	380	2400	2780	1.98	10.53	11.82	3.67
	16	13	13	-	3.16	2.87	2.87	-	2.0	8.9	10.7	380	2450	2790	1.98	10.75	11.86	3.63
	22	13	13	-	3.66	2.62	2.62	-	2.0	8.9	10.7	380	2450	2790	1.98	10.75	11.86	3.63
	24	13	13	-	3.98	2.46	2.46	-	2.0	8.9	10.7	380	2450	2790	1.98	10.75	11.86	3.63
	16	16	13	-	3.06	3.06	2.78	-	2.0	8.9	10.7	380	2450	2790	1.98	10.75	11.86	3.63

Heating, 240V

Operating status	Indoor unit				Unit capacity (kW)				Cooling capacity (kW)			Power input (W)			Operating current (A)			EER
	Unit A	Unit B	Unit C	Unit D	Unit A	Unit B	Unit C	Unit D	Min.	Rated	Max.	Min.	Rated	Max.	Min.	Rated	Max.	Rated
3 units operation	22	16	13	-	3.56	2.80	2.54	-	2.0	8.9	10.7	380	2450	2790	1.98	10.75	11.86	3.63
	24	16	13	-	3.88	2.63	2.39	-	2.0	8.9	10.7	380	2450	2790	1.98	10.75	11.86	3.63
	16	16	16	-	2.97	2.97	2.97	-	2.0	8.9	10.7	380	2450	2790	1.98	10.75	11.86	3.63
	22	16	16	-	3.46	2.72	2.72	-	2.0	8.9	10.7	380	2450	2790	1.98	10.75	11.86	3.63
4 units operation	07	07	07	07	2.09	2.09	2.09	2.09	2.90	8.4	11.5	501	1792	2560	2.32	7.86	10.88	4.67
	10	07	07	07	2.80	1.89	1.89	1.89	2.90	8.5	11.5	501	1812	2560	2.32	7.95	10.88	4.67
	13	07	07	07	3.30	1.78	1.78	1.78	2.90	8.6	11.6	501	1850	2580	2.32	8.11	10.97	4.67
	16	07	07	07	3.53	1.73	1.73	1.73	2.90	8.7	11.6	501	1869	2580	2.32	8.20	10.97	4.67
	22	07	07	07	4.13	1.59	1.59	1.59	2.64	8.9	11.7	480	1905	2600	2.22	8.36	11.05	4.67
	24	07	07	07	4.45	1.48	1.48	1.48	2.64	8.9	11.7	480	1905	2600	2.22	8.36	11.05	4.67
	10	10	07	07	2.58	2.58	1.74	1.74	2.90	8.6	11.6	501	1850	2580	2.32	8.11	10.97	4.67
	13	10	07	07	3.03	2.43	1.64	1.64	2.90	8.7	11.6	501	1869	2580	2.32	8.20	10.97	4.67
	16	10	07	07	3.26	2.37	1.60	1.60	2.90	8.8	11.6	501	1889	2580	2.32	8.29	10.97	4.67
	22	10	07	07	3.80	2.17	1.47	1.47	2.64	8.9	11.7	480	1905	2600	2.22	8.36	11.05	4.67
	24	10	07	07	4.12	2.03	1.37	1.37	2.64	8.9	11.7	480	1905	2600	2.22	8.36	11.05	4.67
	13	13	07	07	2.89	2.89	1.56	1.56	2.90	8.9	11.7	501	1905	2600	2.32	8.36	11.05	4.67
	16	13	07	07	3.08	2.80	1.51	1.51	2.90	8.9	11.7	501	1905	2600	2.32	8.36	11.05	4.67
	22	13	07	07	3.58	2.56	1.38	1.38	2.64	8.9	11.7	480	1905	2600	2.22	8.36	11.05	4.67
	24	13	07	07	3.90	2.41	1.30	1.30	2.64	8.9	11.7	480	1905	2600	2.22	8.36	11.05	4.67
	16	16	07	07	2.98	2.98	1.47	1.47	2.90	8.9	11.7	501	1905	2600	2.32	8.36	11.05	4.67
	10	10	10	07	2.35	2.35	2.35	1.59	2.90	8.6	11.6	501	1850	2580	2.32	8.11	10.97	4.67
	13	10	10	07	2.81	2.25	2.25	1.52	2.90	8.8	11.6	501	1889	2580	2.32	8.29	10.97	4.67
	16	10	10	07	3.02	2.20	2.20	1.48	2.90	8.9	11.7	501	1905	2600	2.32	8.36	11.05	4.67
	22	10	10	07	3.52	2.01	2.01	1.36	2.64	8.9	11.7	480	1905	2600	2.22	8.36	11.05	4.67
	24	10	10	07	3.83	1.89	1.89	1.28	2.64	8.9	11.7	480	1905	2600	2.22	8.36	11.05	4.67
	13	13	10	07	2.66	2.66	2.13	1.44	2.90	8.9	11.7	501	1905	2600	2.32	8.36	11.05	4.67
	16	13	10	07	2.85	2.59	2.07	1.40	2.90	8.9	11.7	501	1905	2600	2.32	8.36	11.05	4.67
	22	13	10	07	3.37	2.41	1.93	1.30	2.64	9.0	11.7	480	1927	2600	2.22	8.45	11.05	4.67
	24	13	10	07	3.68	2.27	1.82	1.23	2.64	9.0	11.7	480	1927	2600	2.22	8.45	11.05	4.67
	16	16	10	07	2.77	2.77	2.01	1.36	2.90	8.9	11.7	501	1905	2600	2.32	8.36	11.05	4.67
	13	13	13	07	2.51	2.51	2.51	1.36	2.90	8.9	11.7	501	1905	2600	2.32	8.36	11.05	4.67
	16	13	13	07	2.69	2.45	2.45	1.32	2.90	8.9	11.7	501	1905	2600	2.32	8.36	11.05	4.67
	16	16	13	07	2.65	2.65	2.41	1.30	2.90	9.0	11.7	501	1927	2600	2.32	8.45	11.05	4.67
	10	10	10	10	2.18	2.18	2.18	2.18	2.90	8.7	11.6	501	1869	2580	2.32	8.20	10.97	4.67
	13	10	10	10	2.62	2.09	2.09	2.09	2.90	8.9	11.7	501	1905	2600	2.32	8.36	11.05	4.67
	16	10	10	10	2.80	2.03	2.03	2.03	2.90	8.9	11.7	501	1905	2600	2.32	8.36	11.05	4.67
	22	10	10	10	3.32	1.89	1.89	1.89	2.64	9.0	11.7	480	1927	2600	2.22	8.45	11.05	4.67
	24	10	10	10	3.63	1.79	1.79	1.79	2.64	9.0	11.7	480	1927	2600	2.22	8.45	11.05	4.67
	13	13	10	10	2.47	2.47	1.98	1.98	2.90	8.9	11.7	501	1905	2600	2.32	8.36	11.05	4.67
	16	13	10	10	2.65	2.41	1.92	1.92	2.90	8.9	11.7	501	1905	2600	2.32	8.36	11.05	4.67
	16	13	10	10	2.65	2.41	1.92	1.92	2.90	8.9	11.7	501	1905	2600	2.32	8.36	11.05	4.67
	16	13	13	10	2.54	2.31	2.31	1.85	2.90	9.0	11.7	501	1927	2600	2.32	8.45	11.05	4.67
	13	13	13	13	2.25	2.25	2.25	2.25	2.90	9.0	11.7	501	1927	2600	2.32	8.45	11.05	4.67

Operating status	Indoor unit					Unit capacity (kW)					Cooling capacity (kW)			Power input (W)			Operating current (A)			EER
	Unit A	Unit B	Unit C	Unit D	Unit E	Unit A	Unit B	Unit C	Unit D	Unit E	Min.	Rated	Max.	Min.	Rated	Max.	Min.	Rated	Max.	
1 unit operation	07	-	-	-	-	2.00	-	-	-	-	1.4	2.0	2.5	640	650	700	3.83	3.84	3.74	3.08
	10	-	-	-	-	2.70	-	-	-	-	1.4	2.7	3.2	640	750	950	3.83	4.43	4.64	3.60
	13	-	-	-	-	3.70	-	-	-	-	1.4	3.7	4.4	640	1200	1520	3.68	6.20	7.20	3.08
	16	-	-	-	-	4.50	-	-	-	-	1.4	4.5	5.0	640	1650	2000	3.68	7.98	9.28	2.73
	22	-	-	-	-	6.00	-	-	-	-	2.4	6.0	6.8	640	2020	2500	3.68	9.56	11.60	2.97
	24	-	-	-	-	7.10	-	-	-	-	2.4	7.1	7.2	660	2390	2960	3.80	11.32	13.73	2.97
2 units operation	07	07	-	-	-	2.00	2.00	-	-	-	2.5	4.0	5.0	640	1520	1770	3.64	7.27	8.21	2.63
	10	07	-	-	-	2.70	2.00	-	-	-	2.5	4.7	5.7	640	1530	1910	3.64	7.32	8.86	3.07
	13	07	-	-	-	3.70	2.00	-	-	-	2.6	5.7	6.5	660	1810	2130	3.75	8.66	9.88	3.15
	16	07	-	-	-	4.08	1.82	-	-	-	2.7	5.9	6.6	660	1810	2220	3.75	8.66	10.30	3.26
	10	10	-	-	-	2.70	2.70	-	-	-	2.5	5.4	6.3	640	1530	2040	3.64	7.32	9.46	3.53
	13	10	-	-	-	3.41	2.49	-	-	-	2.7	5.9	6.6	660	1810	2220	3.75	8.66	10.30	3.26
	16	10	-	-	-	3.94	2.36	-	-	-	2.9	6.3	6.9	670	2040	2400	3.81	9.76	11.13	3.09
	22	10	-	-	-	4.69	2.11	-	-	-	3.0	6.8	7.2	690	2320	2570	3.92	11.10	11.92	2.93
	24	10	-	-	-	5.22	1.98	-	-	-	3.2	7.2	7.5	700	2550	2750	3.98	12.20	12.76	2.82
	13	13	-	-	-	3.15	3.15	-	-	-	2.9	6.3	6.9	670	2040	2400	3.81	9.76	11.13	3.09
	16	13	-	-	-	3.73	3.07	-	-	-	3.0	6.8	7.2	690	2320	2570	3.92	11.10	11.92	2.93
	22	13	-	-	-	4.45	2.75	-	-	-	3.2	7.2	7.5	700	2550	2750	3.98	12.20	12.76	2.82
	24	13	-	-	-	4.73	2.47	-	-	-	3.2	7.2	7.5	700	2550	2750	3.98	12.20	12.76	2.82
	16	16	-	-	-	3.60	3.60	-	-	-	3.2	7.2	7.5	700	2550	2750	3.98	12.20	12.76	2.82
	22	16	-	-	-	4.17	3.13	-	-	-	3.2	7.3	7.5	700	2550	2750	3.98	12.20	12.76	2.86
	24	16	-	-	-	4.47	2.83	-	-	-	3.2	7.3	7.5	700	2550	2750	3.98	12.20	12.76	2.86
	22	22	-	-	-	4.00	4.00	-	-	-	3.2	8.0	8.3	700	2170	2370	3.98	10.27	10.99	3.69
	22	24	-	-	-	3.66	4.34	-	-	-	3.2	8.0	8.3	700	2170	2370	3.98	10.27	10.99	3.69
	24	24	-	-	-	4.05	4.05	-	-	-	3.2	8.1	8.4	700	2200	2400	3.98	10.42	11.13	3.68
3 units operation	07	07	07	-	-	2.00	2.00	2.00	-	-	3.8	6.0	7.5	950	2400	2720	4.80	11.48	12.62	2.50
	10	07	07	-	-	2.70	2.00	2.00	-	-	3.8	6.7	8.2	950	2400	2720	4.80	11.48	12.62	2.79
	13	07	07	-	-	3.65	1.97	1.97	-	-	3.9	7.6	8.3	960	2410	2740	4.85	11.53	12.71	3.15
	16	07	07	-	-	4.08	1.81	1.81	-	-	4.0	7.7	8.5	960	2410	2790	4.85	11.53	12.94	3.20
	22	07	07	-	-	4.68	1.56	1.56	-	-	4.1	7.8	8.6	970	2430	2810	4.90	11.63	13.03	3.21
	24	07	07	-	-	4.99	1.41	1.41	-	-	4.1	7.8	8.6	970	2430	2810	4.90	11.63	13.03	3.21
	10	10	07	-	-	2.70	2.70	2.00	-	-	3.8	7.4	8.2	950	2400	2720	4.80	11.48	12.62	3.08
	13	10	07	-	-	3.39	2.48	1.83	-	-	3.9	7.7	8.3	960	2410	2740	4.85	11.53	12.71	3.20
	16	10	07	-	-	3.77	2.26	1.67	-	-	4.0	7.7	8.5	960	2410	2790	4.85	11.53	12.94	3.20
	22	10	07	-	-	4.37	1.97	1.46	-	-	4.1	7.8	8.6	970	2430	2810	4.90	11.63	13.03	3.21
	24	10	07	-	-	4.69	1.78	1.32	-	-	4.1	7.8	8.6	970	2430	2810	4.90	11.63	13.03	3.21
	13	13	07	-	-	3.03	3.03	1.64	-	-	4.0	7.7	8.5	960	2410	2790	4.85	11.53	12.94	3.20
	16	13	07	-	-	3.44	2.83	1.53	-	-	4.1	7.8	8.6	970	2430	2810	4.90	11.63	13.03	3.21
	22	13	07	-	-	4.00	2.47	1.33	-	-	4.1	7.8	8.6	970	2430	2810	4.90	11.63	13.03	3.21
	24	13	07	-	-	4.38	2.28	1.23	-	-	4.1	7.9	8.7	970	2440	2830	4.90	11.67	13.13	3.24
	16	16	07	-	-	3.19	3.19	1.42	-	-	4.1	7.8	8.6	970	2430	2810	4.90	11.63	13.03	3.21
	22	16	07	-	-	3.79	2.84	1.26	-	-	4.1	7.9	8.7	970	2440	2830	4.90	11.67	13.13	3.24
	24	16	07	-	-	4.12	2.61	1.16	-	-	4.1	7.9	8.7	970	2440	2830	4.90	11.67	13.13	3.24
	10	10	10	-	-	2.53	2.53	2.53	-	-	3.8	7.6	8.2	950	2400	2720	4.80	11.48	12.62	3.17

Cooling, 220V

Operating status	Indoor unit					Unit capacity (kW)					Cooling capacity (kW)			Power input (W)			Operating current (A)			EER
	Unit A	Unit B	Unit C	Unit D	Unit E	Unit A	Unit B	Unit C	Unit D	Unit E	Min.	Rated	Max.	Min.	Rated	Max.	Min.	Rated	Max.	
3 units operation	13	10	10	-	-	3.13	2.28	2.28	-	-	3.9	7.7	8.3	960	2410	2740	4.85	11.53	12.71	3.20
	16	10	10	-	-	3.50	2.10	2.10	-	-	4.0	7.7	8.5	960	2410	2790	4.85	11.53	12.94	3.20
	22	10	10	-	-	4.16	1.87	1.87	-	-	4.1	7.9	8.7	970	2440	2830	4.90	11.67	13.13	3.24
	24	10	10	-	-	4.49	1.71	1.71	-	-	4.1	7.9	8.7	970	2440	2830	4.90	11.67	13.13	3.24
	13	13	10	-	-	2.82	2.82	2.06	-	-	4.0	7.7	8.5	960	2410	2790	4.85	11.53	12.94	3.20
	16	13	10	-	-	3.22	2.65	1.93	-	-	4.1	7.8	8.6	970	2430	2810	4.90	11.63	13.03	3.21
	22	13	10	-	-	3.82	2.36	1.72	-	-	4.1	7.9	8.7	970	2440	2830	4.90	11.67	13.13	3.24
	24	13	10	-	-	4.15	2.17	1.58	-	-	4.1	7.9	8.7	970	2440	2830	4.90	11.67	13.13	3.24
	16	16	10	-	-	3.04	3.04	1.82	-	-	4.1	7.9	8.7	970	2440	2830	4.90	11.67	13.13	3.24
	24	16	10	-	-	3.97	2.52	1.51	-	-	4.3	8.0	9.0	980	2450	2900	4.95	11.72	13.45	3.27
	16	13	13	-	-	2.99	2.46	2.46	-	-	4.1	7.9	8.7	970	2440	2830	4.90	11.67	13.13	3.24
	22	13	13	-	-	3.58	2.21	2.21	-	-	4.3	8.0	9.0	980	2450	2900	4.95	11.72	13.45	3.27
	24	13	13	-	-	3.92	2.04	2.04	-	-	4.3	8.0	9.0	980	2450	2900	4.95	11.72	13.45	3.27
	16	16	13	-	-	2.80	2.80	2.30	-	-	4.1	7.9	8.7	970	2440	2830	4.90	11.67	13.13	3.24
	16	16	16	-	-	2.67	2.67	2.67	-	-	4.3	8.0	9.0	980	2450	2900	4.95	11.72	13.45	3.27
	24	16	13	-	-	3.71	2.35	1.93	-	-	4.3	8.0	9.0	980	2450	2900	4.95	11.72	13.45	3.27
	22	22	10	-	-	3.31	3.31	1.49	-	-	4.1	8.1	8.9	970	2040	2430	4.90	9.76	11.27	3.97
	24	22	07	-	-	3.81	3.22	1.07	-	-	4.1	8.1	8.9	970	2040	2430	4.90	9.76	11.27	3.97
	24	22	10	-	-	3.68	3.11	1.40	-	-	4.1	8.2	9.0	970	2065	2455	4.90	9.88	11.39	3.97
	24	24	07	-	-	3.59	3.59	1.01	-	-	4.1	8.2	9.0	970	2065	2455	4.90	9.88	11.39	3.97
	24	24	10	-	-	3.44	3.44	1.31	-	-	4.1	8.2	9.0	970	2065	2455	4.90	9.88	11.39	3.97
4 units operation	07	07	07	07	-	2.00	2.00	2.00	2.00	-	4.0	8.0	8.7	930	2550	2800	4.70	12.20	12.99	3.14
	10	07	07	07	-	2.61	1.93	1.93	1.93	-	4.0	8.4	8.8	930	2710	2820	4.70	12.97	13.08	3.10
	13	07	07	07	-	3.28	1.77	1.77	1.77	-	4.1	8.6	9.0	940	2720	2850	4.75	13.01	13.22	3.16
	16	07	07	07	-	3.73	1.66	1.66	1.66	-	4.1	8.7	9.1	940	2720	2850	4.75	13.01	13.22	3.20
	22	07	07	07	-	4.45	1.48	1.48	1.48	-	4.1	8.9	9.3	940	2730	2880	4.75	13.06	13.36	3.26
	24	07	07	07	-	4.88	1.37	1.37	1.37	-	4.2	9.0	9.4	950	2740	2900	4.80	13.11	13.45	3.28
	10	10	07	07	-	2.44	2.44	1.81	1.81	-	4.0	8.6	8.9	930	2710	2820	4.70	12.97	13.08	3.14
	13	10	07	07	-	3.10	2.26	1.67	1.67	-	4.1	8.7	9.1	940	2720	2850	4.75	13.01	13.22	3.20
	16	10	07	07	-	3.54	2.12	1.57	1.57	-	4.1	8.8	9.2	940	2730	2880	4.75	13.06	13.36	3.22
	22	10	07	07	-	4.25	1.91	1.42	1.42	-	4.2	9.0	9.4	950	2740	2900	4.80	13.11	13.45	3.28
	24	10	07	07	-	4.63	1.76	1.30	1.30	-	4.2	9.0	9.4	950	2740	2900	4.80	13.11	13.45	3.28
	13	13	07	07	-	2.89	2.89	1.56	1.56	-	4.1	8.9	9.3	940	2730	2880	4.75	13.06	13.36	3.26
	16	13	07	07	-	3.32	2.73	1.48	1.48	-	4.2	9.0	9.4	950	2740	2900	4.80	13.11	13.45	3.28
	22	13	07	07	-	3.94	2.43	1.31	1.31	-	4.2	9.0	9.4	950	2740	2900	4.80	13.11	13.45	3.28
	24	13	07	07	-	4.32	2.25	1.22	1.22	-	4.2	9.0	9.4	950	2740	2900	4.80	13.11	13.45	3.28
	16	16	07	07	-	3.12	3.12	1.38	1.38	-	4.2	9.0	9.4	950	2740	2900	4.80	13.11	13.45	3.28
	22	16	07	07	-	3.72	2.79	1.24	1.24	-	4.2	9.0	9.4	950	2740	2900	4.80	13.11	13.45	3.28
	24	16	07	07	-	4.10	2.60	1.15	1.15	-	4.2	9.0	9.4	950	2740	2900	4.80	13.11	13.45	3.28
	10	10	10	07	-	2.30	2.30	2.30	1.70	-	4.1	8.6	9.0	940	2720	2850	4.75	13.01	13.22	3.16
	13	10	10	07	-	2.93	2.14	2.14	1.59	-	4.1	8.8	9.2	940	2730	2880	4.75	13.06	13.36	3.22
	16	10	10	07	-	3.37	2.02	2.02	1.50	-	4.1	8.9	9.3	940	2730	2880	4.75	13.06	13.36	3.26
	22	10	10	07	-	4.03	1.81	1.81	1.34	-	4.2	9.0	9.4	950	2740	2900	4.80	13.11	13.45	3.28

Cooling, 220V

Operating status	Indoor unit					Unit capacity (kW)					Cooling capacity (kW)			Power input (W)			Operating current (A)			EER
	Unit A	Unit B	Unit C	Unit D	Unit E	Unit A	Unit B	Unit C	Unit D	Unit E	Min.	Rated	Max.	Min.	Rated	Max.	Min.	Rated	Max.	
4 units operation	24	10	10	07	-	4.41	1.68	1.68	1.24	-	4.2	9.0	9.4	950	2740	2900	4.80	13.11	13.45	3.28
	13	13	10	07	-	2.75	2.75	2.01	1.49	-	4.2	9.0	9.4	950	2740	2900	4.80	13.11	13.45	3.28
	16	13	10	07	-	3.14	2.58	1.88	1.40	-	4.2	9.0	9.4	950	2740	2900	4.80	13.11	13.45	3.28
	22	13	10	07	-	3.75	2.31	1.69	1.25	-	4.2	9.0	9.4	950	2740	2900	4.80	13.11	13.45	3.28
	24	13	10	07	-	4.12	2.15	1.57	1.16	-	4.2	9.0	9.4	950	2740	2900	4.80	13.11	13.45	3.28
	16	16	10	07	-	2.96	2.96	1.77	1.31	-	4.2	9.0	9.4	950	2740	2900	4.80	13.11	13.45	3.28
	22	16	10	07	-	3.55	2.66	1.60	1.18	-	4.2	9.0	9.4	950	2740	2900	4.80	13.11	13.45	3.28
	24	16	10	07	-	3.92	2.48	1.49	1.10	-	4.2	9.0	9.4	950	2740	2900	4.80	13.11	13.45	3.28
	13	13	13	07	-	2.54	2.54	2.54	1.37	-	4.2	9.0	9.4	950	2740	2900	4.80	13.11	13.45	3.28
	16	13	13	07	-	2.91	2.40	2.40	1.29	-	4.2	9.0	9.4	950	2740	2900	4.80	13.11	13.45	3.28
	22	13	13	07	-	3.51	2.16	2.16	1.17	-	4.2	9.0	9.4	950	2740	2900	4.80	13.11	13.45	3.28
	24	13	13	07	-	3.87	2.02	2.02	1.09	-	4.2	9.0	9.4	950	2740	2900	4.80	13.11	13.45	3.28
	16	16	13	07	-	2.76	2.76	2.27	1.22	-	4.2	9.0	9.4	950	2740	2900	4.80	13.11	13.45	3.28
	22	16	13	07	-	3.33	2.50	2.06	1.11	-	4.2	9.0	9.4	950	2740	2900	4.80	13.11	13.45	3.28
	24	16	13	07	-	3.69	2.34	1.92	1.04	-	4.2	9.0	9.4	950	2740	2900	4.80	13.11	13.45	3.28
	10	10	10	10	-	2.18	2.18	2.18	2.18	-	4.1	8.7	9.1	940	2720	2850	4.75	13.01	13.22	3.20
	13	10	10	10	-	2.79	2.04	2.04	2.04	-	4.1	8.9	9.3	940	2730	2880	4.75	13.06	13.36	3.26
	16	10	10	10	-	3.21	1.93	1.93	1.93	-	4.2	9.0	9.4	950	2740	2900	4.80	13.11	13.45	3.28
	22	10	10	10	-	3.83	1.72	1.72	1.72	-	4.2	9.0	9.4	950	2740	2900	4.80	13.11	13.45	3.28
	24	10	10	10	-	4.20	1.60	1.60	1.60	-	4.2	9.0	9.4	950	2740	2900	4.80	13.11	13.45	3.28
	13	13	10	10	-	2.60	2.60	1.90	1.90	-	4.2	9.0	9.4	950	2740	2900	4.80	13.11	13.45	3.28
	16	13	10	10	-	2.98	2.45	1.79	1.79	-	4.2	9.0	9.4	950	2740	2900	4.80	13.11	13.45	3.28
	22	13	10	10	-	3.58	2.21	1.61	1.61	-	4.2	9.0	9.4	950	2740	2900	4.80	13.11	13.45	3.28
	24	13	10	10	-	3.94	2.06	1.50	1.50	-	4.2	9.0	9.4	950	2740	2900	4.80	13.11	13.45	3.28
	16	16	10	10	-	2.81	2.81	1.69	1.69	-	4.2	9.0	9.4	950	2740	2900	4.80	13.11	13.45	3.28
	22	16	10	10	-	3.40	2.55	1.53	1.53	-	4.2	9.0	9.4	950	2740	2900	4.80	13.11	13.45	3.28
	24	16	10	10	-	3.76	2.38	1.43	1.43	-	4.2	9.0	9.4	950	2740	2900	4.80	13.11	13.45	3.28
	13	13	13	10	-	2.41	2.41	2.41	1.78	-	4.2	9.0	9.4	950	2740	2900	4.80	13.11	13.45	3.28
	16	13	13	10	-	2.77	2.28	2.28	1.66	-	4.2	9.0	9.4	950	2740	2900	4.80	13.11	13.45	3.28
	22	13	13	10	-	3.35	2.07	2.07	1.51	-	4.2	9.0	9.4	950	2740	2900	4.80	13.11	13.45	3.28
	24	13	13	10	-	3.72	1.94	1.94	1.41	-	4.2	9.0	9.4	950	2740	2900	4.80	13.11	13.45	3.28
	16	16	13	10	-	2.63	2.63	2.16	1.58	-	4.2	9.0	9.4	950	2740	2900	4.80	13.11	13.45	3.28
	22	16	13	10	-	3.20	2.40	1.97	1.44	-	4.2	9.0	9.4	950	2740	2900	4.80	13.11	13.45	3.28
	24	16	13	10	-	3.55	2.25	1.85	1.35	-	4.2	9.0	9.4	950	2740	2900	4.80	13.11	13.45	3.28
	13	13	13	13	-	2.25	2.25	2.25	2.25	-	4.2	9.0	9.4	950	2740	2900	4.80	13.11	13.45	3.28
	16	13	13	13	-	2.60	2.13	2.13	2.13	-	4.2	9.0	9.4	950	2740	2900	4.80	13.11	13.45	3.28
	22	13	13	13	-	3.16	1.95	1.95	1.95	-	4.2	9.0	9.4	950	2740	2900	4.80	13.11	13.45	3.28
	24	13	13	13	-	3.51	1.83	1.83	1.83	-	4.2	9.0	9.4	950	2740	2900	4.80	13.11	13.45	3.28
	16	16	13	13	-	2.47	2.47	2.03	2.03	-	4.2	9.0	9.4	950	2740	2900	4.80	13.11	13.45	3.28
	22	16	13	13	-	3.02	2.26	1.86	1.86	-	4.2	9.0	9.4	950	2740	2900	4.80	13.11	13.45	3.28
	24	16	13	13	-	3.36	2.13	1.75	1.75	-	4.2	9.0	9.4	950	2740	2900	4.80	13.11	13.45	3.28
5 units operation	07	07	07	07	07	1.96	1.96	1.96	1.96	1.96	3.7	9.8	10.8	950	2917	3630	4.80	13.96	16.84	3.36
	10	07	07	07	07	2.50	1.85	1.85	1.85	1.85	3.7	9.9	10.9	950	2946	3670	4.80	14.10	17.02	3.36
	13	07	07	07	07	3.13	1.69	1.69	1.69	1.69	3.7	9.9	10.9	950	2946	3670	4.80	14.10	17.02	3.36
	16	07	07	07	07	3.56	1.58	1.58	1.58	1.58	3.7	9.9	10.9	950	2946	3670	4.80	14.10	17.02	3.36

Cooling, 220V

Operating status	Indoor unit					Unit capacity (kW)					Cooling capacity (kW)			Power input (W)			Operating current (A)			EER
	Unit A	Unit B	Unit C	Unit D	Unit E	Unit A	Unit B	Unit C	Unit D	Unit E	Min.	Rated	Max.	Min.	Rated	Max.	Min.	Rated	Max.	Rated
5 units operation	10	10	07	07	07	2.34	2.34	1.74	1.74	1.74	3.7	9.9	10.9	950	2946	3670	4.80	14.10	17.02	3.36
	13	10	07	07	07	2.95	2.16	1.60	1.60	1.60	3.7	9.9	10.9	950	2946	3670	4.80	14.10	17.02	3.36
	16	10	07	07	07	3.38	2.03	1.50	1.50	1.50	3.7	9.9	10.9	950	2946	3670	4.80	14.10	17.02	3.36
	13	13	07	07	07	2.73	2.73	1.48	1.48	1.48	3.7	9.9	10.9	950	2946	3670	4.80	14.10	17.02	3.36
	16	13	07	07	07	3.14	2.58	1.39	1.39	1.39	3.7	9.9	10.9	950	2946	3670	4.80	14.10	17.02	3.36
	16	16	07	07	07	2.97	2.97	1.32	1.32	1.32	3.7	9.9	10.9	950	2946	3670	4.80	14.10	17.02	3.36
	10	10	07	07	07	2.21	2.21	2.21	1.64	1.64	3.7	9.9	10.9	950	2946	3670	4.80	14.10	17.02	3.36
	13	10	07	07	07	2.80	2.04	2.04	1.51	1.51	3.7	9.9	10.9	950	2946	3670	4.80	14.10	17.02	3.36
	13	13	10	07	07	2.60	2.60	1.90	1.40	1.40	3.7	9.9	10.9	950	2946	3670	4.80	14.10	17.02	3.36
	16	10	10	07	07	3.21	1.92	1.92	1.42	1.42	3.7	9.9	10.9	950	2946	3670	4.80	14.10	17.02	3.36
	13	13	13	07	07	2.43	2.43	2.43	1.31	1.31	3.7	9.9	10.9	950	2946	3670	4.80	14.10	17.02	3.36
	16	13	13	07	07	2.80	2.30	2.30	1.25	1.25	3.7	9.9	10.9	950	2946	3670	4.80	14.10	17.02	3.36
	16	16	10	07	07	2.84	2.84	1.70	1.26	1.26	3.7	9.9	10.9	950	2946	3670	4.80	14.10	17.02	3.36
	16	16	13	07	07	2.67	2.67	2.19	1.19	1.19	3.7	9.9	10.9	950	2946	3670	4.80	14.10	17.02	3.36
	10	10	10	10	07	2.09	2.09	2.09	2.09	1.55	3.7	9.9	10.9	950	2946	3670	4.80	14.10	17.02	3.36
	13	10	10	10	07	2.65	1.94	1.94	1.94	1.43	3.7	9.9	10.9	950	2946	3670	4.80	14.10	17.02	3.36
	16	10	10	10	07	3.05	1.83	1.83	1.83	1.36	3.7	9.9	10.9	950	2946	3670	4.80	14.10	17.02	3.36
	13	13	10	10	07	2.48	2.48	1.81	1.81	1.34	3.7	9.9	10.9	950	2946	3670	4.80	14.10	17.02	3.36
	16	13	10	10	07	2.86	2.35	1.71	1.71	1.27	3.7	9.9	10.9	950	2946	3670	4.80	14.10	17.02	3.36
	16	16	10	10	07	2.72	2.72	1.63	1.63	1.21	3.7	9.9	10.9	950	2946	3670	4.80	14.10	17.02	3.36
	13	13	13	10	07	2.32	2.32	2.32	1.69	1.25	3.7	9.9	10.9	950	2946	3670	4.80	14.10	17.02	3.36
	16	13	13	10	07	2.68	2.21	2.21	1.61	1.19	3.7	9.9	10.9	950	2946	3670	4.80	14.10	17.02	3.36
	16	16	13	10	07	2.56	2.56	2.11	1.54	1.14	3.7	9.9	10.9	950	2946	3670	4.80	14.10	17.02	3.36
	13	13	13	13	07	2.18	2.18	2.18	2.18	1.18	3.7	9.9	10.9	950	2946	3670	4.80	14.10	17.02	3.36
	16	13	13	13	07	2.53	2.08	2.08	2.08	1.13	3.7	9.9	10.9	950	2946	3670	4.80	14.10	17.02	3.36
	16	16	13	13	07	2.42	2.42	1.99	1.99	1.08	3.7	9.9	10.9	950	2946	3670	4.80	14.10	17.02	3.36
	10	10	10	10	10	1.98	1.98	1.98	1.98	1.98	3.7	9.9	10.9	950	2946	3670	4.80	14.10	17.02	3.36
	13	10	10	10	10	2.53	1.84	1.84	1.84	1.84	3.7	9.9	10.9	950	2946	3670	4.80	14.10	17.02	3.36
	16	10	10	10	10	2.91	1.75	1.75	1.75	1.75	3.7	9.9	10.9	950	2946	3670	4.80	14.10	17.02	3.36
	13	13	10	10	10	2.36	2.36	1.72	1.72	1.72	3.7	9.9	10.9	950	2946	3670	4.80	14.10	17.02	3.36
	16	13	10	10	10	2.73	2.25	1.64	1.64	1.64	3.7	9.9	10.9	950	2946	3670	4.80	14.10	17.02	3.36
	16	16	10	10	10	2.61	2.61	1.56	1.56	1.56	3.7	9.9	10.9	950	2946	3670	4.80	14.10	17.02	3.36
	13	13	13	10	10	2.22	2.22	2.22	1.62	1.62	3.7	9.9	10.9	950	2946	3670	4.80	14.10	17.02	3.36
	16	13	13	10	10	2.58	2.12	2.12	1.55	1.55	3.7	9.9	10.9	950	2946	3670	4.80	14.10	17.02	3.36
	16	16	13	10	10	2.49	2.49	2.04	1.49	1.49	3.7	10.0	11.0	950	2980	3700	4.80	14.26	17.16	3.36
	13	13	13	13	10	2.09	2.09	2.09	2.09	1.53	3.7	9.9	10.9	950	2946	3670	4.80	14.10	17.02	3.36
	16	13	13	13	10	2.46	2.02	2.02	2.02	1.48	3.7	10.0	11.0	950	2980	3700	4.80	14.26	17.02	3.36
	16	16	13	13	10	2.36	2.36	1.94	1.94	1.41	3.7	10.0	11.0	950	2980	3700	4.80	14.26	17.16	3.36
	13	13	13	13	13	2.00	2.00	2.00	2.00	2.00	3.7	10.0	11.0	950	2980	3700	4.80	14.26	17.02	3.36
	16	13	13	13	13	2.33	1.92	1.92	1.92	1.92	3.7	10.0	11.0	950	2980	3700	4.80	14.26	17.02	3.36
	22	07	07	07	07	4.24	1.41	1.41	1.41	1.41	3.7	9.9	11.0	950	2946	3700	4.80	14.10	17.16	3.36
	22	10	07	07	07	4.04	1.82	1.35	1.35	1.35	3.7	9.9	11.0	950	2946	3700	4.80	14.10	17.16	3.36
	22	10	10	07	07	3.86	1.74	1.74	1.29	1.29	3.7	9.9	11.0	950	2946	3700	4.80	14.10	17.16	3.36
	22	10	10	10	07	3.69	1.66	1.66	1.66	1.23	3.7	9.9	11.0	950	2946	3700	4.80	14.10	17.16	3.36
	22	10	10	10	10	3.54	1.59	1.59	1.59	1.59	3.7	9.9	11.0	950	2946	3700	4.80	14.10	17.16	3.36

Cooling, 220V

Operating status	Indoor unit					Unit capacity (kW)					Cooling capacity (kW)			Power input (W)			Operating current (A)			EER
	Unit A	Unit B	Unit C	Unit D	Unit E	Unit A	Unit B	Unit C	Unit D	Unit E	Min.	Rated	Max.	Min.	Rated	Max.	Min.	Rated	Max.	
5 units operation	22	13	07	07	07	3.78	2.33	1.26	1.26	1.26	3.7	9.9	11.0	950	2946	3700	4.80	14.10	17.16	3.36
	22	13	10	07	07	3.62	2.23	1.63	1.21	1.21	3.7	9.9	11.0	950	2946	3700	4.80	14.10	17.16	3.36
	22	13	10	10	07	3.47	2.14	1.56	1.56	1.16	3.7	9.9	11.0	950	2946	3700	4.80	14.10	17.16	3.36
	22	13	10	10	10	3.37	2.08	1.52	1.52	1.52	3.7	10.0	11.0	950	2980	3700	4.80	14.26	17.16	3.36
	22	13	13	07	07	3.41	2.11	2.11	1.14	1.14	3.7	9.9	11.0	950	2946	3700	4.80	14.10	17.16	3.36
	22	13	13	10	07	3.31	2.04	2.04	1.49	1.10	3.7	10.0	11.0	950	2980	3700	4.80	14.26	17.16	3.36
	22	13	13	10	10	3.19	1.97	1.97	1.44	1.44	3.7	10.0	11.0	950	2980	3700	4.80	14.26	17.16	3.36
	22	13	13	13	07	3.14	1.94	1.94	1.94	1.05	3.7	10.0	11.0	950	2980	3700	4.80	14.26	17.16	3.36
	24	07	07	07	07	4.65	1.31	1.31	1.31	1.31	3.7	9.9	11.0	950	2946	3700	4.80	14.10	17.16	3.36
	24	10	07	07	07	4.45	1.69	1.25	1.25	1.25	3.7	9.9	11.0	950	2946	3700	4.80	14.10	17.16	3.36
	24	10	10	07	07	4.26	1.62	1.62	1.20	1.20	3.7	9.9	11.0	950	2946	3700	4.80	14.10	17.16	3.36
	24	10	10	10	07	4.09	1.55	1.55	1.55	1.15	3.7	9.9	11.0	950	2946	3700	4.80	14.10	17.16	3.36
	24	10	10	10	10	3.93	1.49	1.49	1.49	1.49	3.7	9.9	11.0	950	2946	3700	4.80	14.10	17.16	3.36
	24	13	07	07	07	4.18	2.18	1.18	1.18	1.18	3.7	9.9	11.0	950	2946	3700	4.80	14.10	17.16	3.36
	24	13	10	07	07	4.02	2.09	1.53	1.13	1.13	3.7	9.9	11.0	950	2946	3700	4.80	14.10	17.16	3.36
	24	13	10	10	07	3.86	2.01	1.47	1.47	1.09	3.7	9.9	11.0	950	2946	3700	4.80	14.10	17.16	3.36
	24	13	10	10	10	3.76	1.96	1.43	1.43	1.43	3.7	10.0	11.0	950	2980	3700	4.80	14.26	17.16	3.36
	24	13	13	07	07	3.80	1.98	1.98	1.07	1.07	3.7	9.9	11.0	950	2946	3700	4.80	14.10	17.16	3.36
	24	13	13	10	07	3.70	1.93	1.93	1.41	1.04	3.7	10.0	11.0	950	2980	3700	4.80	14.26	17.16	3.36

Cooling, 230V

Operating status	Indoor unit					Unit capacity (kW)					Cooling capacity (kW)			Power input (W)			Operating current (A)			EER
	Unit A	Unit B	Unit C	Unit D	Unit E	Unit A	Unit B	Unit C	Unit D	Unit E	Min.	Rated	Max.	Min.	Rated	Max.	Min.	Rated	Max.	
1 unit operation	07	-	-	-	-	2.00	-	-	-	-	1.4	2.0	2.5	640	650	700	3.66	3.67	3.58	3.08
	10	-	-	-	-	2.70	-	-	-	-	1.4	2.7	3.2	640	750	950	3.66	4.23	4.44	3.60
	13	-	-	-	-	3.70	-	-	-	-	1.4	3.7	4.4	640	1200	1520	3.52	5.93	6.88	3.08
	16	-	-	-	-	4.50	-	-	-	-	1.4	4.5	5.0	640	1650	2000	3.52	7.63	8.87	2.73
	22	-	-	-	-	6.00	-	-	-	-	2.4	6.0	6.8	640	2020	2500	3.52	9.15	11.09	2.97
	24	-	-	-	-	7.10	-	-	-	-	2.4	7.1	7.2	660	2390	2960	3.63	10.82	13.13	2.97
2 units operation	07	07	-	-	-	2.00	2.00	-	-	-	2.5	4.0	5.0	640	1520	1770	3.48	6.96	7.85	2.63
	10	07	-	-	-	2.70	2.00	-	-	-	2.5	4.7	5.7	640	1530	1910	3.48	7.00	8.47	3.07
	13	07	-	-	-	3.70	2.00	-	-	-	2.6	5.7	6.5	660	1810	2130	3.59	8.28	9.45	3.15
	16	07	-	-	-	4.08	1.82	-	-	-	2.7	5.9	6.6	660	1810	2220	3.59	8.28	9.85	3.26
	22	07	-	-	-	4.73	1.58	-	-	-	2.9	6.3	6.9	670	2040	2400	3.64	9.34	10.65	3.09
	24	07	-	-	-	5.31	1.49	-	-	-	3.0	6.8	7.2	690	2320	2570	3.75	10.62	11.40	2.93
	10	10	-	-	-	2.70	2.70	-	-	-	2.5	5.4	6.3	640	1530	2040	3.48	7.00	9.05	3.53
	13	10	-	-	-	3.41	2.49	-	-	-	2.7	5.9	6.6	660	1810	2220	3.59	8.28	9.85	3.26
	16	10	-	-	-	3.94	2.36	-	-	-	2.9	6.3	6.9	670	2040	2400	3.64	9.34	10.65	3.09
	22	10	-	-	-	4.69	2.11	-	-	-	3.0	6.8	7.2	690	2320	2570	3.75	10.62	11.40	2.93
	24	10	-	-	-	5.22	1.98	-	-	-	3.2	7.2	7.5	700	2550	2750	3.80	11.67	12.20	2.82
	13	13	-	-	-	3.15	3.15	-	-	-	2.9	6.3	6.9	670	2040	2400	3.64	9.34	10.65	3.09
	16	13	-	-	-	3.73	3.07	-	-	-	3.0	6.8	7.2	690	2320	2570	3.75	10.62	11.40	2.93
	22	13	-	-	-	4.45	2.75	-	-	-	3.2	7.2	7.5	700	2550	2750	3.80	11.67	12.20	2.82
	24	13	-	-	-	4.73	2.47	-	-	-	3.2	7.2	7.5	700	2550	2750	3.80	11.67	12.20	2.82
	16	16	-	-	-	3.60	3.60	-	-	-	3.2	7.2	7.5	700	2550	2750	3.80	11.67	12.20	2.82
	22	16	-	-	-	4.17	3.13	-	-	-	3.2	7.3	7.5	700	2550	2750	3.80	11.67	12.20	2.86

Cooling, 230V

Operating status	Indoor unit					Unit capacity (kW)					Cooling capacity (kW)			Power input (W)			Operating current (A)			EER
	Unit A	Unit B	Unit C	Unit D	Unit E	Unit A	Unit B	Unit C	Unit D	Unit E	Min.	Rated	Max.	Min.	Rated	Max.	Min.	Rated	Max.	
2 units operation	24	16	-	-	-	4.47	2.83	-	-	-	3.2	7.3	7.5	700	2550	2750	3.80	11.67	12.20	2.86
	22	22	-	-	-	4.00	4.00	-	-	-	3.2	8.0	8.3	700	2170	2370	3.80	9.83	10.51	3.69
	22	24	-	-	-	3.66	4.34	-	-	-	3.2	8.0	8.3	700	2170	2370	3.80	9.83	10.51	3.69
	24	24	-	-	-	4.05	4.05	-	-	-	3.2	8.1	8.4	700	2200	2400	3.80	9.96	10.65	3.68
3 units operation	07	07	07	-	-	2.00	2.00	2.00	-	-	3.8	6.0	7.5	950	2400	2720	4.59	10.98	12.07	2.50
	10	07	07	-	-	2.70	2.00	2.00	-	-	3.8	6.7	8.2	950	2400	2720	4.59	10.98	12.07	2.79
	13	07	07	-	-	3.65	1.97	1.97	-	-	3.9	7.6	8.3	960	2410	2740	4.64	11.03	12.16	3.15
	16	07	07	-	-	4.08	1.81	1.81	-	-	4.0	7.7	8.5	960	2410	2790	4.64	11.03	12.38	3.20
	22	07	07	-	-	4.68	1.56	1.56	-	-	4.1	7.8	8.6	970	2430	2810	4.69	11.12	12.47	3.21
	24	07	07	-	-	4.99	1.41	1.41	-	-	4.1	7.8	8.6	970	2430	2810	4.69	11.12	12.47	3.21
	10	10	07	-	-	2.70	2.70	2.00	-	-	3.8	7.4	8.2	950	2400	2720	4.59	10.98	12.07	3.08
	13	10	07	-	-	3.39	2.48	1.83	-	-	3.9	7.7	8.3	960	2410	2740	4.64	11.03	12.16	3.20
	16	10	07	-	-	3.77	2.26	1.67	-	-	4.0	7.7	8.5	960	2410	2790	4.64	11.03	12.38	3.20
	22	10	07	-	-	4.37	1.97	1.46	-	-	4.1	7.8	8.6	970	2430	2810	4.69	11.12	12.47	3.21
	24	10	07	-	-	4.69	1.78	1.32	-	-	4.1	7.8	8.6	970	2430	2810	4.69	11.12	12.47	3.21
	13	13	07	-	-	3.03	3.03	1.64	-	-	4.0	7.7	8.5	960	2410	2790	4.64	11.03	12.38	3.20
	16	13	07	-	-	3.44	2.83	1.53	-	-	4.1	7.8	8.6	970	2430	2810	4.69	11.12	12.47	3.21
	22	13	07	-	-	4.00	2.47	1.33	-	-	4.1	7.8	8.6	970	2430	2810	4.69	11.12	12.47	3.21
	24	13	07	-	-	4.38	2.28	1.23	-	-	4.1	7.9	8.7	970	2440	2830	4.69	11.17	12.56	3.24
	16	16	07	-	-	3.19	3.19	1.42	-	-	4.1	7.8	8.6	970	2430	2810	4.69	11.12	12.47	3.21
	22	16	07	-	-	3.79	2.84	1.26	-	-	4.1	7.9	8.7	970	2440	2830	4.69	11.17	12.56	3.24
	24	16	07	-	-	4.12	2.61	1.16	-	-	4.1	7.9	8.7	970	2440	2830	4.69	11.17	12.56	3.24
	10	10	10	-	-	2.53	2.53	2.53	-	-	3.8	7.6	8.2	950	2400	2720	4.59	10.98	12.07	3.17
	13	10	10	-	-	3.13	2.28	2.28	-	-	3.9	7.7	8.3	960	2410	2740	4.64	11.03	12.16	3.20
	16	10	10	-	-	3.50	2.10	2.10	-	-	4.0	7.7	8.5	960	2410	2790	4.64	11.03	12.38	3.20
	22	10	10	-	-	4.16	1.87	1.87	-	-	4.1	7.9	8.7	970	2440	2830	4.69	11.17	12.56	3.24
	24	10	10	-	-	4.49	1.71	1.71	-	-	4.1	7.9	8.7	970	2440	2830	4.69	11.17	12.56	3.24
	13	13	10	-	-	2.82	2.82	2.06	-	-	4.0	7.7	8.5	960	2410	2790	4.64	11.03	12.38	3.20
	16	13	10	-	-	3.22	2.65	1.93	-	-	4.1	7.8	8.6	970	2430	2810	4.69	11.12	12.47	3.21
	22	13	10	-	-	3.82	2.36	1.72	-	-	4.1	7.9	8.7	970	2440	2830	4.69	11.17	12.56	3.24
	24	13	10	-	-	4.15	2.17	1.58	-	-	4.1	7.9	8.7	970	2440	2830	4.69	11.17	12.56	3.24
	13	13	13	-	-	2.60	2.60	2.60	-	-	4.1	7.8	8.6	970	2430	2810	4.69	11.12	12.47	3.21
	16	13	13	-	-	2.99	2.46	2.46	-	-	4.1	7.9	8.7	970	2440	2830	4.69	11.17	12.56	3.24
	22	13	13	-	-	3.58	2.21	2.21	-	-	4.3	8.0	9.0	980	2450	2900	4.73	11.21	12.87	3.27
	24	13	13	-	-	3.92	2.04	2.04	-	-	4.3	8.0	9.0	980	2450	2900	4.73	11.21	12.87	3.27
	16	16	13	-	-	2.80	2.80	2.30	-	-	4.1	7.9	8.7	970	2440	2830	4.69	11.17	12.56	3.24
	16	16	16	-	-	2.67	2.67	2.67	-	-	4.3	8.0	9.0	980	2450	2900	4.73	11.21	12.87	3.27
	22	16	13	-	-	3.38	2.54	2.08	-	-	4.3	8.0	9.0	980	2450	2900	4.73	11.21	12.87	3.27
	24	16	13	-	-	3.71	2.35	1.93	-	-	4.3	8.0	9.0	980	2450	2900	4.73	11.21	12.87	3.27
	22	22	07	-	-	3.43	3.43	1.14	-	-	4.1	8.0	8.8	970	2015	2405	4.69	9.22	10.67	3.97
	22	22	10	-	-	3.31	3.31	1.49	-	-	4.1	8.1	8.9	970	2040	2430	4.69	9.34	10.78	3.97
	24	22	07	-	-	3.81	3.22	1.07	-	-	4.1	8.1	8.9	970	2040	2430	4.69	9.34	10.78	3.97
	24	22	10	-	-	3.68	3.11	1.40	-	-	4.1	8.2	9.0	970	2065	2455	4.69	9.45	10.89	3.97
	24	24	07	-	-	3.59	3.59	1.01	-	-	4.1	8.2	9.0	970	2065	2455	4.69	9.45	10.89	3.97
	24	24	10	-	-	3.44	3.44	1.31	-	-	4.1	8.2	9.0	970	2065	2455	4.69	9.45	10.89	3.97

Cooling, 230V

Operating status	Indoor unit					Unit capacity (kW)					Cooling capacity (kW)			Power input (W)			Operating current (A)			EER
	Unit A	Unit B	Unit C	Unit D	Unit E	Unit A	Unit B	Unit C	Unit D	Unit E	Min.	Rated	Max.	Min.	Rated	Max.	Min.	Rated	Max.	
4 units operation	07	07	07	07	-	2.00	2.00	2.00	2.00	-	4.0	8.0	8.7	930	2550	2800	4.49	11.67	12.42	3.14
	10	07	07	07	-	2.61	1.93	1.93	1.93	-	4.0	8.4	8.8	930	2710	2820	4.49	12.40	12.51	3.10
	13	07	07	07	-	3.28	1.77	1.77	1.77	-	4.1	8.6	9.0	940	2720	2850	4.54	12.45	12.64	3.16
	16	07	07	07	-	3.73	1.66	1.66	1.66	-	4.1	8.7	9.1	940	2720	2850	4.54	12.45	12.64	3.20
	22	07	07	07	-	4.45	1.48	1.48	1.48	-	4.1	8.9	9.3	940	2730	2880	4.54	12.49	12.78	3.26
	24	07	07	07	-	4.88	1.37	1.37	1.37	-	4.2	9.0	9.4	950	2740	2900	4.59	12.54	12.87	3.28
	10	10	07	07	-	2.44	2.44	1.81	1.81	-	4.0	8.5	8.9	930	2710	2820	4.49	12.40	12.51	3.14
	13	10	07	07	-	3.10	2.26	1.67	1.67	-	4.1	8.7	9.1	940	2720	2850	4.54	12.45	12.64	3.20
	16	10	07	07	-	3.54	2.12	1.57	1.57	-	4.1	8.8	9.2	940	2730	2880	4.54	12.49	12.78	3.22
	22	10	07	07	-	4.25	1.91	1.42	1.42	-	4.2	9.0	9.4	950	2740	2900	4.59	12.54	12.87	3.28
	24	10	07	07	-	4.63	1.76	1.30	1.30	-	4.2	9.0	9.4	950	2740	2900	4.59	12.54	12.87	3.28
	13	13	07	07	-	2.89	2.89	1.56	1.56	-	4.1	8.9	9.3	940	2730	2880	4.54	12.49	12.78	3.26
	16	13	07	07	-	3.32	2.73	1.48	1.48	-	4.2	9.0	9.4	950	2740	2900	4.59	12.54	12.87	3.28
	22	13	07	07	-	3.94	2.43	1.31	1.31	-	4.2	9.0	9.4	950	2740	2900	4.59	12.54	12.87	3.28
	24	13	07	07	-	4.32	2.25	1.22	1.22	-	4.2	9.0	9.4	950	2740	2900	4.59	12.54	12.87	3.28
	16	16	07	07	-	3.12	3.12	1.38	1.38	-	4.2	9.0	9.4	950	2740	2900	4.59	12.54	12.87	3.28
	22	16	07	07	-	3.72	2.79	1.24	1.24	-	4.2	9.0	9.4	950	2740	2900	4.59	12.54	12.87	3.28
	24	16	07	07	-	4.10	2.60	1.15	1.15	-	4.2	9.0	9.4	950	2740	2900	4.59	12.54	12.87	3.28
	10	10	10	07	-	2.30	2.30	2.30	1.70	-	4.1	8.6	9.0	940	2720	2850	4.54	12.45	12.64	3.16
	13	10	10	07	-	2.93	2.14	2.14	1.59	-	4.1	8.8	9.2	940	2730	2880	4.54	12.49	12.78	3.22
	16	10	10	07	-	3.37	2.02	2.02	1.50	-	4.1	8.9	9.3	940	2730	2880	4.54	12.49	12.78	3.26
	18	10	10	07	-	3.63	1.96	1.96	1.45	-	4.2	9.0	9.4	950	2740	2900	4.59	12.54	12.87	3.28
	22	10	10	07	-	4.03	1.81	1.81	1.34	-	4.2	9.0	9.4	950	2740	2900	4.59	12.54	12.87	3.28
	24	10	10	07	-	4.41	1.68	1.68	1.24	-	4.2	9.0	9.4	950	2740	2900	4.59	12.54	12.87	3.28
	13	13	10	07	-	2.75	2.75	2.01	1.49	-	4.2	9.0	9.4	950	2740	2900	4.59	12.54	12.87	3.28
	16	13	10	07	-	3.14	2.58	1.88	1.40	-	4.2	9.0	9.4	950	2740	2900	4.59	12.54	12.87	3.28
	22	13	10	07	-	3.75	2.31	1.69	1.25	-	4.2	9.0	9.4	950	2740	2900	4.59	12.54	12.87	3.28
	24	13	10	07	-	4.12	2.15	1.57	1.16	-	4.2	9.0	9.4	950	2740	2900	4.59	12.54	12.87	3.28
	16	16	10	07	-	2.96	2.96	1.77	1.31	-	4.2	9.0	9.4	950	2740	2900	4.59	12.54	12.87	3.28
	22	16	10	07	-	3.55	2.66	1.60	1.18	-	4.2	9.0	9.4	950	2740	2900	4.59	12.54	12.87	3.28
	24	16	10	07	-	3.92	2.48	1.49	1.10	-	4.2	9.0	9.4	950	2740	2900	4.59	12.54	12.87	3.28
	13	13	13	07	-	2.54	2.54	2.54	1.37	-	4.2	9.0	9.4	950	2740	2900	4.59	12.54	12.87	3.28
	16	13	13	07	-	2.91	2.40	2.40	1.29	-	4.2	9.0	9.4	950	2740	2900	4.59	12.54	12.87	3.28
	22	13	13	07	-	3.51	2.16	2.16	1.17	-	4.2	9.0	9.4	950	2740	2900	4.59	12.54	12.87	3.28
	24	13	13	07	-	3.87	2.02	2.02	1.09	-	4.2	9.0	9.4	950	2740	2900	4.59	12.54	12.87	3.28
	16	16	13	07	-	2.76	2.76	2.27	1.22	-	4.2	9.0	9.4	950	2740	2900	4.59	12.54	12.87	3.28
	22	16	13	07	-	3.33	2.50	2.06	1.11	-	4.2	9.0	9.4	950	2740	2900	4.59	12.54	12.87	3.28
	24	16	13	07	-	3.69	2.34	1.92	1.04	-	4.2	9.0	9.4	950	2740	2900	4.59	12.54	12.87	3.28
	10	10	10	10	-	2.18	2.18	2.18	2.18	-	4.1	8.7	9.1	940	2720	2850	4.54	12.45	12.64	3.20
	13	10	10	10	-	2.79	2.04	2.04	2.04	-	4.1	8.9	9.3	940	2730	2880	4.54	12.49	12.78	3.26
	16	10	10	10	-	3.21	1.93	1.93	1.93	-	4.2	9.0	9.4	950	2740	2900	4.59	12.54	12.87	3.28
	22	10	10	10	-	3.83	1.72	1.72	1.72	-	4.2	9.0	9.4	950	2740	2900	4.59	12.54	12.87	3.28
	24	10	10	10	-	4.20	1.60	1.60	1.60	-	4.2	9.0	9.4	950	2740	2900	4.59	12.54	12.87	3.28
	13	13	10	10	-	2.60	2.60	1.90	1.90	-	4.2	9.0	9.4	950	2740	2900	4.59	12.54	12.87	3.28
	16	13	10	10	-	2.98	2.45	1.79	1.79	-	4.2	9.0	9.4	950	2740	2900	4.59	12.54	12.87	3.28

Cooling, 230V

Operating status	Indoor unit					Unit capacity (kW)					Cooling capacity (kW)			Power input (W)			Operating current (A)			EER
	Unit A	Unit B	Unit C	Unit D	Unit E	Unit A	Unit B	Unit C	Unit D	Unit E	Min.	Rated	Max.	Min.	Rated	Max.	Min.	Rated	Max.	
4 units operation	22	13	10	10	-	3.58	2.21	1.61	1.61	-	4.2	9.0	9.4	950	2740	2900	4.59	12.54	12.87	3.28
	24	13	10	10	-	3.94	2.06	1.50	1.50	-	4.2	9.0	9.4	950	2740	2900	4.59	12.54	12.87	3.28
	16	16	10	10	-	2.81	2.81	1.69	1.69	-	4.2	9.0	9.4	950	2740	2900	4.59	12.54	12.87	3.28
	22	16	10	10	-	3.40	2.55	1.53	1.53	-	4.2	9.0	9.4	950	2740	2900	4.59	12.54	12.87	3.28
	24	16	10	10	-	3.76	2.38	1.43	1.43	-	4.2	9.0	9.4	950	2740	2900	4.59	12.54	12.87	3.28
	13	13	13	10	-	2.41	2.41	2.41	1.76	-	4.2	9.0	9.4	950	2740	2900	4.59	12.54	12.87	3.28
	16	13	13	10	-	2.77	2.28	2.28	1.66	-	4.2	9.0	9.4	950	2740	2900	4.59	12.54	12.87	3.28
	22	13	13	10	-	3.35	2.07	2.07	1.51	-	4.2	9.0	9.4	950	2740	2900	4.59	12.54	12.87	3.28
	24	13	13	10	-	3.72	1.94	1.94	1.41	-	4.2	9.0	9.4	950	2740	2900	4.59	12.54	12.87	3.28
	16	16	13	10	-	2.63	2.63	2.16	1.58	-	4.2	9.0	9.4	950	2740	2900	4.59	12.54	12.87	3.28
	22	16	13	10	-	3.20	2.40	1.97	1.44	-	4.2	9.0	9.4	950	2740	2900	4.59	12.54	12.87	3.28
	24	16	13	10	-	3.55	2.25	1.85	1.35	-	4.2	9.0	9.4	950	2740	2900	4.59	12.54	12.87	3.28
	13	13	13	13	-	2.25	2.25	2.25	2.25	-	4.2	9.0	9.4	950	2740	2900	4.59	12.54	12.87	3.28
	16	13	13	13	-	2.60	2.13	2.13	2.13	-	4.2	9.0	9.4	950	2740	2900	4.59	12.54	12.87	3.28
	22	13	13	13	-	3.16	1.95	1.95	1.95	-	4.2	9.0	9.4	950	2740	2900	4.59	12.54	12.87	3.28
	24	13	13	13	-	3.51	1.83	1.83	1.83	-	4.2	9.0	9.4	950	2740	2900	4.59	12.54	12.87	3.28
	16	16	13	13	-	2.47	2.47	2.03	2.03	-	4.2	9.0	9.4	950	2740	2900	4.59	12.54	12.87	3.28
	22	16	13	13	-	3.02	2.26	1.86	1.86	-	4.2	9.0	9.4	950	2740	2900	4.59	12.54	12.87	3.28
	24	16	13	13	-	3.36	2.13	1.75	1.75	-	4.2	9.0	9.4	950	2740	2900	4.59	12.54	12.87	3.28
5 units operation	07	07	07	07	07	1.96	1.96	1.96	1.96	1.96	3.7	9.8	10.8	950	2917	3630	4.59	13.35	16.10	3.36
	10	07	07	07	07	2.50	1.85	1.85	1.85	1.85	3.7	9.9	10.9	950	2946	3670	4.59	13.48	16.28	3.36
	13	07	07	07	07	3.13	1.69	1.69	1.69	1.69	3.7	9.9	10.9	950	2946	3670	4.59	13.48	16.28	3.36
	16	07	07	07	07	3.56	1.58	1.58	1.58	1.58	3.7	9.9	10.9	950	2946	3670	4.59	13.48	16.28	3.36
	10	10	07	07	07	2.34	2.34	1.74	1.74	1.74	3.7	9.9	10.9	950	2946	3670	4.59	13.48	16.28	3.36
	13	10	07	07	07	2.95	2.16	1.60	1.60	1.60	3.7	9.9	10.9	950	2946	3670	4.59	13.48	16.28	3.36
	16	10	07	07	07	3.38	2.03	1.50	1.50	1.50	3.7	9.9	10.9	950	2946	3670	4.59	13.48	16.28	3.36
	13	13	07	07	07	2.73	2.73	1.48	1.48	1.48	3.7	9.9	10.9	950	2946	3670	4.59	13.48	16.28	3.36
	16	13	07	07	07	3.14	2.58	1.39	1.39	1.39	3.7	9.9	10.9	950	2946	3670	4.59	13.48	16.28	3.36
	16	16	07	07	07	2.97	2.97	1.32	1.32	1.32	3.7	9.9	10.9	950	2946	3670	4.59	13.48	16.28	3.36
	10	10	07	07	07	2.21	2.21	2.21	1.64	1.64	3.7	9.9	10.9	950	2946	3670	4.59	13.48	16.28	3.36
	13	10	07	07	07	2.80	2.04	2.04	1.51	1.51	3.7	9.9	10.9	950	2946	3670	4.59	13.48	16.28	3.36
	13	13	10	07	07	2.60	2.60	1.90	1.40	1.40	3.7	9.9	10.9	950	2946	3670	4.59	13.48	16.28	3.36
	16	10	10	07	07	3.21	1.92	1.92	1.42	1.42	3.7	9.9	10.9	950	2946	3670	4.59	13.48	16.28	3.36
	13	13	13	07	07	2.43	2.43	2.43	1.31	1.31	3.7	9.9	10.9	950	2946	3670	4.59	13.48	16.28	3.36
	16	13	13	07	07	2.80	2.30	2.30	1.25	1.25	3.7	9.9	10.9	950	2946	3670	4.59	13.48	16.28	3.36
	16	16	10	07	07	2.84	2.84	1.70	1.26	1.26	3.7	9.9	10.9	950	2946	3670	4.59	13.48	16.28	3.36
	16	16	13	07	07	2.67	2.67	2.19	1.19	1.19	3.7	9.9	10.9	950	2946	3670	4.59	13.48	16.28	3.36
	10	10	10	10	07	2.09	2.09	2.09	2.09	1.55	3.7	9.9	10.9	950	2946	3670	4.59	13.48	16.28	3.36
	13	10	10	10	07	2.65	1.94	1.94	1.94	1.43	3.7	9.9	10.9	950	2946	3670	4.59	13.48	16.28	3.36
	16	10	10	10	07	3.05	1.83	1.83	1.83	1.36	3.7	9.9	10.9	950	2946	3670	4.59	13.48	16.28	3.36
	13	13	10	10	07	2.48	2.48	1.81	1.81	1.34	3.7	9.9	10.9	950	2946	3670	4.59	13.48	16.28	3.36
	16	13	10	10	07	2.86	2.35	1.71	1.71	1.27	3.7	9.9	10.9	950	2946	3670	4.59	13.48	16.28	3.36
	16	16	10	10	07	2.72	2.72	1.63	1.63	1.21	3.7	9.9	10.9	950	2946	3670	4.59	13.48	16.28	3.36
	13	13	13	10	07	2.32	2.32	2.32	1.69	1.25	3.7	9.9	10.9	950	2946	3670	4.59	13.48	16.28	3.36
	16	13	13	10	07	2.68	2.21	2.21	1.61	1.19	3.7	9.9	10.9	950	2946	3670	4.59	13.48	16.28	3.36
	16	16	13	10	07	2.56	2.56	2.11	1.54	1.14	3.7	9.9	10.9	950	2946	3670	4.59	13.48	16.28	3.36

Cooling, 230V

Operating status	Indoor unit					Unit capacity (kW)					Cooling capacity (kW)			Power input (W)			Operating current (A)			EER
	Unit A	Unit B	Unit C	Unit D	Unit E	Unit A	Unit B	Unit C	Unit D	Unit E	Min.	Rated	Max.	Min.	Rated	Max.	Min.	Rated	Max.	
5 units operation	13	13	13	13	07	2.18	2.18	2.18	2.18	1.18	3.7	9.9	10.9	950	2946	3670	4.59	13.48	16.28	3.36
	16	13	13	13	07	2.53	2.08	2.08	2.08	1.13	3.7	9.9	10.9	950	2946	3670	4.59	13.48	16.28	3.36
	16	16	13	13	07	2.42	2.42	1.99	1.99	1.08	3.7	9.9	10.9	950	2946	3670	4.59	13.48	16.28	3.36
	10	10	10	10	10	1.98	1.98	1.98	1.98	1.98	3.7	9.9	10.9	950	2946	3670	4.59	13.48	16.28	3.36
	13	10	10	10	10	2.53	1.84	1.84	1.84	1.84	3.7	9.9	10.9	950	2946	3670	4.59	13.48	16.28	3.36
	16	10	10	10	10	2.91	1.75	1.75	1.75	1.75	3.7	9.9	10.9	950	2946	3670	4.59	13.48	16.28	3.36
	13	13	10	10	10	2.36	2.36	1.72	1.72	1.72	3.7	9.9	10.9	950	2946	3670	4.59	13.48	16.28	3.36
	16	13	10	10	10	2.73	2.25	1.64	1.64	1.64	3.7	9.9	10.9	950	2946	3670	4.59	13.48	16.28	3.36
	16	16	10	10	10	2.61	2.61	1.56	1.56	1.56	3.7	9.9	10.9	950	2946	3670	4.59	13.48	16.28	3.36
	13	13	13	10	10	2.22	2.22	2.22	1.62	1.62	3.7	9.9	10.9	950	2946	3670	4.59	13.48	16.28	3.36
	16	13	13	10	10	2.58	2.12	2.12	1.55	1.55	3.7	9.9	10.9	950	2946	3670	4.59	13.48	16.28	3.36
	16	16	13	10	10	2.49	2.49	2.04	1.49	1.49	3.7	10.0	11.0	950	2980	3700	4.59	13.64	16.42	3.36
	13	13	13	13	10	2.09	2.09	2.09	2.09	1.53	3.7	9.9	10.9	950	2946	3670	4.59	13.48	16.28	3.36
	16	13	13	13	10	2.46	2.02	2.02	2.02	1.48	3.7	10.0	11.0	950	2980	3700	4.59	13.64	16.42	3.36
	16	16	13	13	10	2.36	2.36	1.94	1.94	1.41	3.7	10.0	11.0	950	2980	3700	4.59	13.64	16.42	3.36
	13	13	13	13	13	2.00	2.00	2.00	2.00	2.00	3.7	10.0	11.0	950	2980	3700	4.59	13.64	16.42	3.36
	16	13	13	13	13	2.33	1.92	1.92	1.92	1.92	3.7	10.0	11.0	950	2980	3700	4.59	13.64	16.42	3.36
	22	07	07	07	07	4.24	1.41	1.41	1.41	1.41	3.7	9.9	11.0	950	2946	3700	4.59	13.48	16.42	3.36
	22	10	07	07	07	4.04	1.82	1.35	1.35	1.35	3.7	9.9	11.0	950	2946	3700	4.59	13.48	16.42	3.36
	22	10	10	07	07	3.86	1.74	1.74	1.29	1.29	3.7	9.9	11.0	950	2946	3700	4.59	13.48	16.42	3.36
	22	10	10	10	07	3.69	1.66	1.66	1.66	1.23	3.7	9.9	11.0	950	2946	3700	4.59	13.48	16.42	3.36
	22	10	10	10	10	3.54	1.59	1.59	1.59	1.59	3.7	9.9	11.0	950	2946	3700	4.59	13.48	16.42	3.36
	22	13	07	07	07	3.78	2.33	1.26	1.26	1.26	3.7	9.9	11.0	950	2946	3700	4.59	13.48	16.42	3.36
	22	13	10	07	07	3.62	2.23	1.63	1.21	1.21	3.7	9.9	11.0	950	2946	3700	4.59	13.48	16.42	3.36
	22	13	10	10	07	3.47	2.14	1.56	1.56	1.16	3.7	9.9	11.0	950	2946	3700	4.59	13.48	16.42	3.36
	22	13	10	10	10	3.37	2.08	1.52	1.52	1.52	3.7	10.0	11.0	950	2980	3700	4.59	13.64	16.42	3.36
	22	13	13	07	07	3.41	2.11	2.11	1.14	1.14	3.7	9.9	11.0	950	2946	3700	4.59	13.48	16.42	3.36
	22	13	13	10	07	3.31	2.04	2.04	1.49	1.10	3.7	10.0	11.0	950	2980	3700	4.59	13.64	16.42	3.36
	22	13	13	10	10	3.19	1.97	1.97	1.44	1.44	3.7	10.0	11.0	950	2980	3700	4.59	13.64	16.42	3.36
	22	13	13	13	07	3.14	1.94	1.94	1.94	1.05	3.7	10.0	11.0	950	2980	3700	4.59	13.64	16.42	3.36
	24	07	07	07	07	4.65	1.31	1.31	1.31	1.31	3.7	9.9	11.0	950	2946	3700	4.59	13.48	16.42	3.36
	24	10	07	07	07	4.45	1.69	1.25	1.25	1.25	3.7	9.9	11.0	950	2946	3700	4.59	13.48	16.42	3.36
	24	10	10	07	07	4.26	1.62	1.62	1.20	1.20	3.7	9.9	11.0	950	2946	3700	4.59	13.48	16.42	3.36
	24	10	10	10	07	4.09	1.55	1.55	1.55	1.15	3.7	9.9	11.0	950	2946	3700	4.59	13.48	16.42	3.36
	24	10	10	10	10	3.93	1.49	1.49	1.49	1.49	3.7	9.9	11.0	950	2946	3700	4.59	13.48	16.42	3.36
	24	13	07	07	07	4.18	2.18	1.18	1.18	1.18	3.7	9.9	11.0	950	2946	3700	4.59	13.48	16.42	3.36
	24	13	10	07	07	4.02	2.09	1.53	1.13	1.13	3.7	9.9	11.0	950	2946	3700	4.59	13.48	16.42	3.36
	24	13	10	10	07	3.86	2.01	1.47	1.47	1.09	3.7	9.9	11.0	950	2946	3700	4.59	13.48	16.42	3.36
	24	13	10	10	10	3.76	1.96	1.43	1.43	1.43	3.7	10.0	11.0	950	2980	3700	4.59	13.64	16.42	3.36
	24	13	13	07	07	3.80	1.98	1.98	1.07	1.07	3.7	9.9	11.0	950	2946	3700	4.59	13.48	16.42	3.36
	24	13	13	10	07	3.70	1.93	1.93	1.41	1.04	3.7	10.0	11.0	950	2980	3700	4.59	13.64	16.42	3.36

Cooling, 240V

Operating status	Indoor unit					Unit capacity (kW)					Cooling capacity (kW)			Power input (W)			Operating current (A)			EER
	Unit A	Unit B	Unit C	Unit D	Unit E	Unit A	Unit B	Unit C	Unit D	Unit E	Min.	Rated	Max.	Min.	Rated	Max.	Min.	Rated	Max.	
1 unit	07	-	-	-	-	2.00	-	-	-	-	1.4	2.0	2.5	640	650	700	3.51	3.52	3.43	3.08
operation	10	-	-	-	-	2.70	-	-	-	-	1.4	2.7	3.2	640	750	950	3.51	4.06	4.26	3.60

Cooling, 240V

Operating status	Indoor unit					Unit capacity (kW)					Cooling capacity (kW)			Power input (W)			Operating current (A)				EER
	Unit A	Unit B	Unit C	Unit D	Unit E	Unit A	Unit B	Unit C	Unit D	Unit E	Min.	Rated	Max.	Min.	Rated	Max.	Min.	Rated	Max.	Rated	
1 unit operation	13	-	-	-	-	3.70	-	-	-	-	1.4	3.7	4.4	640	1200	1520	3.38	5.68	6.60	3.08	
	16	-	-	-	-	4.50	-	-	-	-	1.4	4.5	5.0	640	1650	2000	3.38	7.31	8.50	2.73	
	22	-	-	-	-	6.00	-	-	-	-	2.4	6.0	6.8	640	2020	2500	3.38	8.77	10.63	2.97	
	24	-	-	-	-	7.10	-	-	-	-	2.4	7.1	7.2	660	2390	2960	3.48	10.37	12.59	2.97	
2 units operation	07	07	-	-	-	2.00	2.00	-	-	-	2.5	4.0	5.0	640	1520	1770	3.33	6.67	7.53	2.63	
	10	07	-	-	-	2.70	2.00	-	-	-	2.5	4.7	5.7	640	1530	1910	3.33	6.71	8.12	3.07	
	13	07	-	-	-	3.70	2.00	-	-	-	2.6	5.7	6.5	660	1810	2130	3.44	7.94	9.06	3.15	
	16	07	-	-	-	4.08	1.82	-	-	-	2.7	5.9	6.6	660	1810	2220	3.44	7.94	9.44	3.26	
	22	07	-	-	-	4.73	1.58	-	-	-	2.9	6.3	6.9	670	2040	2400	3.49	8.95	10.20	3.09	
	24	07	-	-	-	5.31	1.49	-	-	-	3.0	6.8	7.2	690	2320	2570	3.59	10.18	10.93	2.93	
	10	10	-	-	-	2.70	2.70	-	-	-	2.5	5.4	6.3	640	1530	2040	3.33	6.71	8.67	3.53	
	13	10	-	-	-	3.41	2.49	-	-	-	2.7	5.9	6.6	660	1810	2220	3.44	7.94	9.44	3.26	
	16	10	-	-	-	3.94	2.36	-	-	-	2.9	6.3	6.9	670	2040	2400	3.49	8.95	10.20	3.09	
	22	10	-	-	-	4.69	2.11	-	-	-	3.0	6.8	7.2	690	2320	2570	3.59	10.18	10.93	2.93	
	24	10	-	-	-	5.22	1.98	-	-	-	3.2	7.2	7.5	700	2550	2750	3.65	11.18	11.69	2.82	
	13	13	-	-	-	3.15	3.15	-	-	-	2.9	6.3	6.9	670	2040	2400	3.49	8.95	10.20	3.09	
	16	13	-	-	-	3.73	3.07	-	-	-	3.0	6.8	7.2	690	2320	2570	3.59	10.18	10.93	2.93	
	22	13	-	-	-	4.45	2.75	-	-	-	3.2	7.2	7.5	700	2550	2750	3.65	11.18	11.69	2.82	
	24	13	-	-	-	4.73	2.47	-	-	-	3.2	7.2	7.5	700	2550	2750	3.65	11.18	11.69	2.82	
	16	16	-	-	-	3.60	3.60	-	-	-	3.2	7.2	7.5	700	2550	2750	3.65	11.18	11.69	2.82	
	22	16	-	-	-	4.17	3.13	-	-	-	3.2	7.3	7.5	700	2550	2750	3.65	11.18	11.69	2.86	
	24	16	-	-	-	4.47	2.83	-	-	-	3.2	7.3	7.5	700	2550	2750	3.65	11.18	11.69	2.86	
	22	22	-	-	-	4.00	4.00	-	-	-	3.2	8.0	8.3	700	2170	2370	3.65	9.42	10.08	3.69	
	22	24	-	-	-	3.66	4.34	-	-	-	3.2	8.0	8.3	700	2170	2370	3.65	9.42	10.08	3.69	
	24	24	-	-	-	4.05	4.05	-	-	-	3.2	8.1	8.4	700	2200	2400	3.65	9.55	10.20	3.68	
3 units operation	07	07	07	-	-	2.00	2.00	2.00	-	-	3.8	6.0	7.5	950	2400	2720	4.40	10.53	11.56	2.50	
	10	07	07	-	-	2.70	2.00	2.00	-	-	3.8	6.7	8.2	950	2400	2720	4.40	10.53	11.56	2.79	
	13	07	07	-	-	3.65	1.97	1.97	-	-	3.9	7.6	8.3	960	2410	2740	4.44	10.57	11.65	3.15	
	16	07	07	-	-	4.08	1.81	1.81	-	-	4.0	7.7	8.5	960	2410	2790	4.44	10.57	11.86	3.20	
	22	07	07	-	-	4.68	1.56	1.56	-	-	4.1	7.8	8.6	970	2430	2810	4.49	10.66	11.95	3.21	
	24	07	07	-	-	4.99	1.41	1.41	-	-	4.1	7.8	8.6	970	2430	2810	4.49	10.66	11.95	3.21	
	10	10	07	-	-	2.70	2.70	2.00	-	-	3.8	7.4	8.2	950	2400	2720	4.40	10.53	11.56	3.08	
	13	10	07	-	-	3.39	2.48	1.83	-	-	3.9	7.7	8.3	960	2410	2740	4.44	10.57	11.65	3.20	
	16	10	07	-	-	3.77	2.26	1.67	-	-	4.0	7.7	8.5	960	2410	2790	4.44	10.57	11.86	3.20	
	22	10	07	-	-	4.37	1.97	1.46	-	-	4.1	7.8	8.6	970	2430	2810	4.49	10.66	11.95	3.21	
	24	10	07	-	-	4.69	1.78	1.32	-	-	4.1	7.8	8.6	970	2430	2810	4.49	10.66	11.95	3.21	
	13	13	07	-	-	3.03	3.03	1.64	-	-	4.0	7.7	8.5	960	2410	2790	4.44	10.57	11.86	3.20	
	16	13	07	-	-	3.44	2.83	1.53	-	-	4.1	7.8	8.6	970	2430	2810	4.49	10.66	11.95	3.21	
	22	13	07	-	-	4.00	2.47	1.33	-	-	4.1	7.8	8.6	970	2430	2810	4.49	10.66	11.95	3.21	
	24	13	07	-	-	4.38	2.28	1.23	-	-	4.1	7.9	8.7	970	2440	2830	4.49	10.70	12.03	3.24	
	16	16	07	-	-	3.19	3.19	1.42	-	-	4.1	7.8	8.6	970	2430	2810	4.49	10.66	11.95	3.21	
	22	16	07	-	-	3.79	2.84	1.26	-	-	4.1	7.9	8.7	970	2440	2830	4.49	10.70	12.03	3.24	
	24	16	07	-	-	4.12	2.61	1.16	-	-	4.1	7.9	8.7	970	2440	2830	4.49	10.70	12.03	3.24	
	10	10	10	-	-	2.53	2.53	2.53	-	-	3.8	7.6	8.2	950	2400	2720	4.40	10.53	11.56	3.17	
	13	10	10	-	-	3.13	2.28	2.28	-	-	3.9	7.7	8.3	960	2410	2740	4.44	10.57	11.65	3.20	

Cooling, 240V

Operating status	Indoor unit					Unit capacity (kW)					Cooling capacity (kW)			Power input (W)			Operating current (A)			EER
	Unit A	Unit B	Unit C	Unit D	Unit E	Unit A	Unit B	Unit C	Unit D	Unit E	Min.	Rated	Max.	Min.	Rated	Max.	Min.	Rated	Max.	
3 units operation	10	10	10	-	-	2.53	2.53	2.53	-	-	3.8	7.6	8.2	950	2400	2720	4.40	10.53	11.56	3.17
	13	10	10	-	-	3.13	2.28	2.28	-	-	3.9	7.7	8.3	960	2410	2740	4.44	10.57	11.65	3.20
	16	10	10	-	-	3.50	2.10	2.10	-	-	4.0	7.7	8.5	960	2410	2790	4.44	10.57	11.86	3.20
	22	10	10	-	-	4.16	1.87	1.87	-	-	4.1	7.9	8.7	970	2440	2830	4.49	10.70	12.03	3.24
	24	10	10	-	-	4.49	1.71	1.71	-	-	4.1	7.9	8.7	970	2440	2830	4.49	10.70	12.03	3.24
	13	13	10	-	-	2.82	2.82	2.06	-	-	4.0	7.7	8.5	960	2410	2790	4.44	10.57	11.86	3.20
	16	13	10	-	-	3.22	2.65	1.93	-	-	4.1	7.8	8.6	970	2430	2810	4.49	10.66	11.95	3.21
	22	13	10	-	-	3.82	2.36	1.72	-	-	4.1	7.9	8.7	970	2440	2830	4.49	10.70	12.03	3.24
	24	13	10	-	-	4.15	2.17	1.58	-	-	4.1	7.9	8.7	970	2440	2830	4.49	10.70	12.03	3.24
	16	16	10	-	-	3.04	3.04	1.82	-	-	4.1	7.9	8.7	970	2440	2830	4.49	10.70	12.03	3.24
	22	16	10	-	-	3.64	2.73	1.64	-	-	4.3	8.0	9.0	980	2450	2900	4.54	10.75	12.33	3.27
	24	16	10	-	-	3.97	2.52	1.51	-	-	4.3	8.0	9.0	980	2450	2900	4.54	10.75	12.33	3.27
	13	13	13	-	-	2.60	2.60	2.60	-	-	4.1	7.8	8.6	970	2430	2810	4.49	10.66	11.95	3.21
	16	13	13	-	-	2.99	2.46	2.46	-	-	4.1	7.9	8.7	970	2440	2830	4.49	10.70	12.03	3.24
	22	13	13	-	-	3.58	2.21	2.21	-	-	4.3	8.0	9.0	980	2450	2900	4.54	10.75	12.33	3.27
	24	13	13	-	-	3.92	2.04	2.04	-	-	4.3	8.0	9.0	980	2450	2900	4.54	10.75	12.33	3.27
	16	16	13	-	-	2.80	2.80	2.30	-	-	4.1	7.9	8.7	970	2440	2830	4.49	10.70	12.03	3.24
	16	16	16	-	-	2.67	2.67	2.67	-	-	4.3	8.0	9.0	980	2450	2900	4.54	10.75	12.33	3.27
	22	16	13	-	-	3.38	2.54	2.08	-	-	4.3	8.0	9.0	980	2450	2900	4.54	10.75	12.33	3.27
	24	16	13	-	-	3.71	2.35	1.93	-	-	4.3	8.0	9.0	980	2450	2900	4.54	10.75	12.33	3.27
	22	22	07	-	-	3.43	3.43	1.14	-	-	4.1	8.0	8.8	970	2015	2405	4.49	8.84	10.23	3.97
	22	22	10	-	-	3.31	3.31	1.49	-	-	4.1	8.1	8.9	970	2040	2430	4.49	8.95	10.33	3.97
	24	22	07	-	-	3.81	3.22	1.07	-	-	4.1	8.1	8.9	970	2040	2430	4.49	8.95	10.33	3.97
	24	22	10	-	-	3.68	3.11	1.40	-	-	4.1	8.2	9.0	970	2065	2455	4.49	9.06	10.44	3.97
	24	24	07	-	-	3.59	3.59	1.01	-	-	4.1	8.2	9.0	970	2065	2455	4.49	9.06	10.44	3.97
	24	24	10	-	-	3.44	3.44	1.31	-	-	4.1	8.2	9.0	970	2065	2455	4.49	9.06	10.44	3.97
4 units operation	07	07	07	07	-	2.00	2.00	2.00	2.00	-	4.0	8.0	8.7	930	2550	2800	4.31	11.18	11.90	3.14
	10	07	07	07	-	2.61	1.93	1.93	1.93	-	4.0	8.4	8.8	930	2710	2820	4.31	11.89	11.99	3.10
	13	07	07	07	-	3.28	1.77	1.77	1.77	-	4.1	8.6	9.0	940	2720	2850	4.35	11.93	12.12	3.16
	16	07	07	07	-	3.73	1.66	1.66	1.66	-	4.1	8.7	9.1	940	2720	2850	4.35	11.93	12.12	3.20
	22	07	07	07	-	4.45	1.48	1.48	1.48	-	4.1	8.9	9.3	940	2730	2880	4.35	11.97	12.24	3.26
	24	07	07	07	-	4.88	1.37	1.37	1.37	-	4.2	9.0	9.4	950	2740	2900	4.40	12.02	12.33	3.28
	10	10	07	07	-	2.44	2.44	1.81	1.81	-	4.0	8.5	8.9	930	2710	2820	4.31	11.89	11.99	3.14
	13	10	07	07	-	3.10	2.26	1.67	1.67	-	4.1	8.7	9.1	940	2720	2850	4.35	11.93	12.12	3.20
	16	10	07	07	-	3.54	2.12	1.57	1.57	-	4.1	8.8	9.2	940	2730	2880	4.35	11.97	12.24	3.22
	22	10	07	07	-	4.25	1.91	1.42	1.42	-	4.2	9.0	9.4	950	2740	2900	4.40	12.02	12.33	3.28
	24	10	07	07	-	4.63	1.76	1.30	1.30	-	4.2	9.0	9.4	950	2740	2900	4.40	12.02	12.33	3.28
	13	13	07	07	-	2.89	2.89	1.56	1.56	-	4.1	8.9	9.3	940	2730	2880	4.35	11.97	12.24	3.26
	16	13	07	07	-	3.32	2.73	1.48	1.48	-	4.2	9.0	9.4	950	2740	2900	4.40	12.02	12.33	3.28
	22	13	07	07	-	3.94	2.43	1.31	1.31	-	4.2	9.0	9.4	950	2740	2900	4.40	12.02	12.33	3.28
	24	13	07	07	-	4.32	2.25	1.22	1.22	-	4.2	9.0	9.4	950	2740	2900	4.40	12.02	12.33	3.28
	16	16	07	07	-	3.12	3.12	1.38	1.38	-	4.2	9.0	9.4	950	2740	2900	4.40	12.02	12.33	3.28
	22	16	07	07	-	3.72	2.79	1.24	1.24	-	4.2	9.0	9.4	950	2740	2900	4.40	12.02	12.33	3.28
	24	16	07	07	-	4.10	2.60	1.15	1.15	-	4.2	9.0	9.4	950	2740	2900	4.40	12.02	12.33	3.28
	10	10	10	07	-	2.30	2.30	2.30	1.70	-	4.1	8.6	9.0	940	2720	2850	4.35	11.93	12.12	3.16

Cooling, 240V

Operating status	Indoor unit					Unit capacity (kW)					Cooling capacity (kW)			Power input (W)			Operating current (A)			EER
	Unit A	Unit B	Unit C	Unit D	Unit E	Unit A	Unit B	Unit C	Unit D	Unit E	Min.	Rated	Max.	Min.	Rated	Max.	Min.	Rated	Max.	
4 units operation	13	10	10	07	-	2.93	2.14	2.14	1.59	-	4.1	8.8	9.2	940	2730	2880	4.35	11.97	12.24	3.22
	16	10	10	07	-	3.37	2.02	2.02	1.50	-	4.1	8.9	9.3	940	2730	2880	4.35	11.97	12.24	3.26
	22	10	10	07	-	4.03	1.81	1.81	1.34	-	4.2	9.0	9.4	950	2740	2900	4.40	12.02	12.33	3.28
	24	10	10	07	-	4.41	1.68	1.68	1.24	-	4.2	9.0	9.4	950	2740	2900	4.40	12.02	12.33	3.28
	13	13	10	07	-	2.75	2.75	2.01	1.49	-	4.2	9.0	9.4	950	2740	2900	4.40	12.02	12.33	3.28
	16	13	10	07	-	3.14	2.58	1.88	1.40	-	4.2	9.0	9.4	950	2740	2900	4.40	12.02	12.33	3.28
	22	13	10	07	-	3.75	2.31	1.69	1.25	-	4.2	9.0	9.4	950	2740	2900	4.40	12.02	12.33	3.28
	24	13	10	07	-	4.12	2.15	1.57	1.16	-	4.2	9.0	9.4	950	2740	2900	4.40	12.02	12.33	3.28
	16	16	10	07	-	2.96	2.96	1.77	1.31	-	4.2	9.0	9.4	950	2740	2900	4.40	12.02	12.33	3.28
	22	16	10	07	-	3.55	2.66	1.60	1.18	-	4.2	9.0	9.4	950	2740	2900	4.40	12.02	12.33	3.28
	24	16	10	07	-	3.92	2.48	1.49	1.10	-	4.2	9.0	9.4	950	2740	2900	4.40	12.02	12.33	3.28
	13	13	13	07	-	2.54	2.54	2.54	1.37	-	4.2	9.0	9.4	950	2740	2900	4.40	12.02	12.33	3.28
	16	13	13	07	-	2.91	2.40	2.40	1.29	-	4.2	9.0	9.4	950	2740	2900	4.40	12.02	12.33	3.28
	18	13	13	07	-	3.13	2.31	2.31	1.25	-	4.2	9.0	9.4	950	2740	2900	4.40	12.02	12.33	3.28
	22	13	13	07	-	3.51	2.16	2.16	1.17	-	4.2	9.0	9.4	950	2740	2900	4.40	12.02	12.33	3.28
	24	13	13	07	-	3.87	2.02	2.02	1.09	-	4.2	9.0	9.4	950	2740	2900	4.40	12.02	12.33	3.28
	16	16	13	07	-	2.76	2.76	2.27	1.22	-	4.2	9.0	9.4	950	2740	2900	4.40	12.02	12.33	3.28
	18	16	13	07	-	2.96	2.66	2.19	1.18	-	4.2	9.0	9.4	950	2740	2900	4.40	12.02	12.33	3.28
	22	16	13	07	-	3.33	2.50	2.06	1.11	-	4.2	9.0	9.4	950	2740	2900	4.40	12.02	12.33	3.28
	24	16	13	07	-	3.69	2.34	1.92	1.04	-	4.2	9.0	9.4	950	2740	2900	4.40	12.02	12.33	3.28
	10	10	10	10	-	2.18	2.18	2.18	2.18	-	4.1	8.7	9.1	940	2720	2850	4.35	11.93	12.12	3.20
	13	10	10	10	-	2.79	2.04	2.04	2.04	-	4.1	8.9	9.3	940	2730	2880	4.35	11.97	12.24	3.26
	16	10	10	10	-	3.21	1.93	1.93	1.93	-	4.2	9.0	9.4	950	2740	2900	4.40	12.02	12.33	3.28
	22	10	10	10	-	3.83	1.72	1.72	1.72	-	4.2	9.0	9.4	950	2740	2900	4.40	12.02	12.33	3.28
	24	10	10	10	-	4.20	1.60	1.60	1.60	-	4.2	9.0	9.4	950	2740	2900	4.40	12.02	12.33	3.28
	13	13	10	10	-	2.60	2.60	1.90	1.90	-	4.2	9.0	9.4	950	2740	2900	4.40	12.02	12.33	3.28
	16	13	10	10	-	2.98	2.45	1.79	1.79	-	4.2	9.0	9.4	950	2740	2900	4.40	12.02	12.33	3.28
	22	13	10	10	-	3.58	2.21	1.61	1.61	-	4.2	9.0	9.4	950	2740	2900	4.40	12.02	12.33	3.28
	24	13	10	10	-	3.94	2.06	1.50	1.50	-	4.2	9.0	9.4	950	2740	2900	4.40	12.02	12.33	3.28
	16	16	10	10	-	2.81	2.81	1.69	1.69	-	4.2	9.0	9.4	950	2740	2900	4.40	12.02	12.33	3.28
	22	16	10	10	-	3.40	2.55	1.53	1.53	-	4.2	9.0	9.4	950	2740	2900	4.40	12.02	12.33	3.28
	24	16	10	10	-	3.76	2.38	1.43	1.43	-	4.2	9.0	9.4	950	2740	2900	4.40	12.02	12.33	3.28
	13	13	13	10	-	2.41	2.41	2.41	1.76	-	4.2	9.0	9.4	950	2740	2900	4.40	12.02	12.33	3.28
	16	13	13	10	-	2.77	2.28	2.28	1.66	-	4.2	9.0	9.4	950	2740	2900	4.40	12.02	12.33	3.28
	22	13	13	10	-	3.35	2.07	2.07	1.51	-	4.2	9.0	9.4	950	2740	2900	4.40	12.02	12.33	3.28
	24	13	13	10	-	3.72	1.94	1.94	1.41	-	4.2	9.0	9.4	950	2740	2900	4.40	12.02	12.33	3.28
	16	16	13	10	-	2.63	2.63	2.16	1.58	-	4.2	9.0	9.4	950	2740	2900	4.40	12.02	12.33	3.28
	22	16	13	10	-	3.20	2.40	1.97	1.44	-	4.2	9.0	9.4	950	2740	2900	4.40	12.02	12.33	3.28
	24	16	13	10	-	3.55	2.25	1.85	1.35	-	4.2	9.0	9.4	950	2740	2900	4.40	12.02	12.33	3.28
	13	13	13	13	-	2.25	2.25	2.25	2.25	-	4.2	9.0	9.4	950	2740	2900	4.40	12.02	12.33	3.28
	16	13	13	13	-	2.60	2.13	2.13	2.13	-	4.2	9.0	9.4	950	2740	2900	4.40	12.02	12.33	3.28
	22	13	13	13	-	3.16	1.95	1.95	1.95	-	4.2	9.0	9.4	950	2740	2900	4.40	12.02	12.33	3.28
	24	13	13	13	-	3.51	1.83	1.83	1.83	-	4.2	9.0	9.4	950	2740	2900	4.40	12.02	12.33	3.28
	16	16	13	13	-	2.47	2.47	2.03	2.03	-	4.2	9.0	9.4	950	2740	2900	4.40	12.02	12.33	3.28

Cooling, 240V

Operating status	Indoor unit					Unit capacity (kW)					Cooling capacity (kW)			Power input (W)			Operating current (A)			EER
	Unit A	Unit B	Unit C	Unit D	Unit E	Unit A	Unit B	Unit C	Unit D	Unit E	Min.	Rated	Max.	Min.	Rated	Max.	Min.	Rated	Max.	
4 units operation	22	16	13	13	-	3.02	2.26	1.86	1.86	-	4.2	9.0	9.4	950	2740	2900	4.40	12.02	12.33	3.28
	24	16	13	13	-	3.36	2.13	1.75	1.75	-	4.2	9.0	9.4	950	2740	2900	4.40	12.02	12.33	3.28
5 units operation	07	07	07	07	07	1.96	1.96	1.96	1.96	1.96	3.7	9.8	10.8	950	2917	3630	4.40	12.79	15.43	3.36
	10	07	07	07	07	2.50	1.85	1.85	1.85	1.85	3.7	9.9	10.9	950	2946	3670	4.40	12.92	15.60	3.36
	13	07	07	07	07	3.13	1.69	1.69	1.69	1.69	3.7	9.9	10.9	950	2946	3670	4.40	12.92	15.60	3.36
	16	07	07	07	07	3.56	1.58	1.58	1.58	1.58	3.7	9.9	10.9	950	2946	3670	4.40	12.92	15.60	3.36
	10	10	07	07	07	2.34	2.34	1.74	1.74	1.74	3.7	9.9	10.9	950	2946	3670	4.40	12.92	15.60	3.36
	13	10	07	07	07	2.95	2.16	1.60	1.60	1.60	3.7	9.9	10.9	950	2946	3670	4.40	12.92	15.60	3.36
	16	10	07	07	07	3.38	2.03	1.50	1.50	1.50	3.7	9.9	10.9	950	2946	3670	4.40	12.92	15.60	3.36
	13	13	07	07	07	2.73	2.73	1.48	1.48	1.48	3.7	9.9	10.9	950	2946	3670	4.40	12.92	15.60	3.36
	16	13	07	07	07	3.14	2.58	1.39	1.39	1.39	3.7	9.9	10.9	950	2946	3670	4.40	12.92	15.60	3.36
	16	16	07	07	07	2.97	2.97	1.32	1.32	1.32	3.7	9.9	10.9	950	2946	3670	4.40	12.92	15.60	3.36
	10	10	07	07	07	2.21	2.21	2.21	1.64	1.64	3.7	9.9	10.9	950	2946	3670	4.40	12.92	15.60	3.36
	13	10	07	07	07	2.80	2.04	2.04	1.51	1.51	3.7	9.9	10.9	950	2946	3670	4.40	12.92	15.60	3.36
	13	13	10	07	07	2.60	2.60	1.90	1.40	1.40	3.7	9.9	10.9	950	2946	3670	4.40	12.92	15.60	3.36
	16	10	10	07	07	3.21	1.92	1.92	1.42	1.42	3.7	9.9	10.9	950	2946	3670	4.40	12.92	15.60	3.36
	13	13	13	07	07	2.43	2.43	2.43	1.31	1.31	3.7	9.9	10.9	950	2946	3670	4.40	12.92	15.60	3.36
	16	13	13	07	07	2.80	2.30	2.30	1.25	1.25	3.7	9.9	10.9	950	2946	3670	4.40	12.92	15.60	3.36
	16	16	10	07	07	2.84	2.84	1.70	1.26	1.26	3.7	9.9	10.9	950	2946	3670	4.40	12.92	15.60	3.36
	16	16	13	07	07	2.67	2.67	2.19	1.19	1.19	3.7	9.9	10.9	950	2946	3670	4.40	12.92	15.60	3.36
	10	10	10	10	07	2.09	2.09	2.09	2.09	1.55	3.7	9.9	10.9	950	2946	3670	4.40	12.92	15.60	3.36
	13	10	10	10	07	2.65	1.94	1.94	1.94	1.43	3.7	9.9	10.9	950	2946	3670	4.40	12.92	15.60	3.36
	16	10	10	10	07	3.05	1.83	1.83	1.83	1.36	3.7	9.9	10.9	950	2946	3670	4.40	12.92	15.60	3.36
	13	13	10	10	07	2.48	2.48	1.81	1.81	1.34	3.7	9.9	10.9	950	2946	3670	4.40	12.92	15.60	3.36
	16	13	10	10	07	2.86	2.35	1.71	1.71	1.27	3.7	9.9	10.9	950	2946	3670	4.40	12.92	15.60	3.36
	13	13	10	10	10	2.36	2.36	1.72	1.72	1.72	3.7	9.9	10.9	950	2946	3670	4.40	12.92	15.60	3.36
	16	13	10	10	10	2.73	2.25	1.64	1.64	1.64	3.7	9.9	10.9	950	2946	3670	4.40	12.92	15.60	3.36
	16	16	10	10	10	2.61	2.61	1.56	1.56	1.56	3.7	9.9	10.9	950	2946	3670	4.40	12.92	15.60	3.36
	13	13	13	10	10	2.22	2.22	2.22	1.62	1.62	3.7	9.9	10.9	950	2946	3670	4.40	12.92	15.60	3.36
	16	13	13	10	10	2.58	2.12	2.12	1.55	1.55	3.7	9.9	10.9	950	2946	3670	4.40	12.92	15.60	3.36
	16	16	13	10	10	2.49	2.49	2.04	1.49	1.49	3.7	10.0	11.0	950	2980	3700	4.40	12.82	15.73	3.36
	13	13	13	13	10	2.09	2.09	2.09	2.09	1.53	3.7	9.9	10.9	950	2946	3670	4.40	12.92	15.60	3.36
	16	13	13	13	10	2.46	2.02	2.02	2.02	1.48	3.7	10.0	11.0	950	2980	3700	4.40	13.07	15.73	3.36
	16	16	13	13	10	2.36	2.36	1.94	1.94	1.41	3.7	10.0	11.0	950	2980	3700	4.40	13.07	15.73	3.36
	13	13	13	13	13	2.00	2.00	2.00	2.00	2.00	3.7	10.0	11.0	950	2980	3700	4.40	13.07	15.73	3.36
	16	13	13	13	13	2.33	1.92	1.92	1.92	1.92	3.7	10.0	11.0	950	2980	3700	4.40	13.07	15.73	3.36
	22	07	07	07	07	4.24	1.41	1.41	1.41	1.41	3.7	9.9	11.0	950	2946	3700	4.40	12.92	15.73	3.36
	22	10	07	07	07	4.04	1.82	1.35	1.35	1.35	3.7	9.9	11.0	950	2946	3700	4.40	12.92	15.73	3.36
	22	10	10	07	07	3.86	1.74	1.74	1.29	1.29	3.7	9.9	11.0	950	2946	3700	4.40	12.92	15.73	3.36
	22	10	10	10	07	3.69	1.66	1.66	1.66	1.23	3.7	9.9	11.0	950	2946	3700	4.40	12.92	15.73	3.36
	22	10	10	10	10	3.54	1.59	1.59	1.59	1.59	3.7	9.9	11.0	950	2946	3700	4.40	12.92	15.73	3.36
	22	13	07	07	07	3.78	2.33	1.26	1.26	1.26	3.7	9.9	11.0	950	2946	3700	4.40	12.92	15.73	3.36
	22	13	10	07	07	3.62	2.23	1.63	1.21	1.21	3.7	9.9	11.0	950	2946	3700	4.40	12.92	15.73	3.36
	22	13	10	10	07	3.47	2.14	1.56	1.56	1.16	3.7	9.9	11.0	950	2946	3700	4.40	12.92	15.73	3.36
	22	13	10	10	10	3.37	2.08	1.52	1.52	1.52	3.7	10.0	11.0	950	2980	3700	4.40	12.92	15.73	3.36

Cooling, 240V

Operating status	Indoor unit					Unit capacity (kW)					Cooling capacity (kW)			Power input (W)			Operating current (A)			EER
	Unit A	Unit B	Unit C	Unit D	Unit E	Unit A	Unit B	Unit C	Unit D	Unit E	Min.	Rated	Max.	Min.	Rated	Max.	Min.	Rated	Max.	
5 units operation	22	13	13	10	07	3.31	2.04	2.04	1.49	1.10	3.7	10.0	11.0	950	2980	3700	4.40	13.07	15.73	3.36
	22	13	13	10	10	3.19	1.97	1.97	1.44	1.44	3.7	10.0	11.0	950	2980	3700	4.40	13.07	15.73	3.36
	22	13	13	13	07	3.14	1.94	1.94	1.94	1.05	3.7	10.0	11.0	950	2980	3700	4.40	13.07	15.73	3.36
	24	07	07	07	07	4.65	1.31	1.31	1.31	1.31	3.7	9.9	11.0	950	2946	3700	4.40	12.92	15.73	3.36
	24	10	07	07	07	4.45	1.69	1.25	1.25	1.25	3.7	9.9	11.0	950	2946	3700	4.40	12.92	15.73	3.36
	24	10	10	07	07	4.26	1.62	1.62	1.20	1.20	3.7	9.9	11.0	950	2946	3700	4.40	12.92	15.73	3.36
	24	10	10	10	07	4.09	1.55	1.55	1.55	1.15	3.7	9.9	11.0	950	2946	3700	4.40	12.92	15.73	3.36
	24	10	10	10	10	3.93	1.49	1.49	1.49	1.49	3.7	9.9	11.0	950	2946	3700	4.40	12.92	15.73	3.36
	24	13	07	07	07	4.18	2.18	1.18	1.18	1.18	3.7	9.9	11.0	950	2946	3700	4.40	12.92	15.73	3.36
	24	13	10	07	07	4.02	2.09	1.53	1.13	1.13	3.7	9.9	11.0	950	2946	3700	4.40	12.92	15.73	3.36
	24	13	10	10	07	3.86	2.01	1.47	1.47	1.09	3.7	9.9	11.0	950	2946	3700	4.40	12.92	15.73	3.36
	24	13	10	10	10	3.76	1.96	1.43	1.43	1.43	3.7	10.0	11.0	950	2980	3700	4.40	13.07	15.73	3.36
	24	13	13	07	07	3.80	1.98	1.98	1.07	1.07	3.7	9.9	11.0	950	2946	3700	4.40	12.92	15.73	3.36
	24	13	13	10	07	3.70	1.93	1.93	1.41	1.04	3.7	10.0	11.0	950	2980	3700	4.40	12.92	15.73	3.36

Heating, 220V

Operating status	Indoor unit					Unit capacity (kW)					Cooling capacity (kW)			Power input (W)			Operating current (A)			EER
	Unit A	Unit B	Unit C	Unit D	Unit E	Unit A	Unit B	Unit C	Unit D	Unit E	Min.	Rated	Max.	Min.	Rated	Max.	Min.	Rated	Max.	
1 unit operation	07	-	-	-	-	2.00	-	-	-	-	0.8	2.7	4.8	300	900	1980	1.87	4.70	9.18	3.00
	10	-	-	-	-	4.00	-	-	-	-	0.8	4.0	5.2	300	1450	1980	1.87	6.94	9.18	2.76
	13	-	-	-	-	5.00	-	-	-	-	0.8	5.0	6.5	310	2050	2750	1.93	9.81	12.76	2.44
	16	-	-	-	-	5.50	-	-	-	-	0.8	5.5	6.9	310	2400	3000	1.93	11.48	13.91	2.29
	22	-	-	-	-	7.00	-	-	-	-	1.8	7.0	8.2	330	2700	3600	2.05	12.78	16.70	2.59
	24	-	-	-	-	8.10	-	-	-	-	1.8	8.1	8.6	330	3300	3700	2.05	15.63	17.16	2.45
2 units operation	07	07	-	-	-	2.70	2.70	-	-	-	1.5	5.4	7.4	320	2050	3200	1.94	9.81	14.84	2.63
	10	07	-	-	-	4.00	2.70	-	-	-	1.5	6.7	8.9	320	2080	3200	1.94	9.95	14.84	3.22
	13	07	-	-	-	4.81	2.59	-	-	-	1.5	7.4	10.1	320	2320	3210	1.94	11.10	14.89	3.19
	16	07	-	-	-	5.10	2.50	-	-	-	1.5	7.6	10.1	320	2480	3230	1.94	11.87	14.98	3.06
	22	07	-	-	-	5.70	2.20	-	-	-	1.5	7.9	10.1	320	2480	3230	1.94	11.87	14.98	3.19
	24	07	-	-	-	6.23	2.08	-	-	-	1.5	8.3	10.2	320	2700	3240	1.94	12.92	15.03	3.07
	10	10	-	-	-	3.60	3.60	-	-	-	1.5	7.2	10.0	320	2100	3200	1.94	10.05	14.84	3.43
	13	10	-	-	-	4.22	3.38	-	-	-	1.5	7.6	10.1	320	2320	3210	1.94	11.10	14.89	3.28
	16	10	-	-	-	4.57	3.33	-	-	-	1.5	7.9	10.1	320	2480	3230	1.94	11.87	14.98	3.19
	22	10	-	-	-	5.28	3.02	-	-	-	1.5	8.3	10.2	320	2700	320	1.94	12.92	15.03	3.07
	24	10	-	-	-	5.76	2.84	-	-	-	1.5	8.6	10.2	320	2860	3250	1.94	13.68	15.07	3.01
	13	13	-	-	-	3.95	3.95	-	-	-	1.5	7.9	10.1	320	2480	3230	1.94	11.87	14.98	3.19
	16	13	-	-	-	4.35	3.95	-	-	-	1.5	8.3	10.2	320	2700	3240	1.94	12.92	15.03	3.07
	22	13	-	-	-	5.02	3.58	-	-	-	1.5	8.6	10.2	320	2860	3250	1.94	13.68	15.07	3.01
	24	13	-	-	-	5.32	3.28	-	-	-	1.5	8.6	10.2	320	2860	3250	1.94	13.68	15.07	3.01
	16	16	-	-	-	4.30	4.30	-	-	-	1.5	8.6	10.2	320	2860	3250	1.94	13.68	15.07	3.01
	22	16	-	-	-	4.82	3.78	-	-	-	1.5	8.6	10.2	320	2860	3250	1.94	13.68	15.07	3.01
	24	16	-	-	-	5.12	3.48	-	-	-	1.5	8.6	10.2	320	2860	3250	1.94	13.68	15.07	3.01
	22	22	-	-	-	4.50	4.50	-	-	-	1.5	9.0	10.6	320	2200	2590	1.94	10.42	12.01	4.09
	22	24	-	-	-	4.17	4.83	-	-	-	1.5	9.0	10.6	320	2200	2590	1.94	10.42	12.01	4.09
	24	24	-	-	-	4.55	4.55	-	-	-	1.5	9.1	10.7	320	2200	2610	1.94	10.51	12.11	4.10

Heating, 220V

Operating status	Indoor unit					Unit capacity (kW)					Cooling capacity (kW)			Power input (W)			Operating current (A)			EER
	Unit A	Unit B	Unit C	Unit D	Unit E	Unit A	Unit B	Unit C	Unit D	Unit E	Min.	Rated	Max.	Min.	Rated	Max.	Min.	Rated	Max.	
3 units operation	07	07	07	-	-	2.70	2.70	2.70	-	-	2.0	8.1	10.4	380	2290	2750	2.16	10.96	12.76	3.54
	10	07	07	-	-	3.53	2.38	2.38	-	-	2.0	8.3	10.4	380	2300	2750	2.16	11.00	12.76	3.61
	13	07	07	-	-	4.13	2.23	2.23	-	-	2.0	8.6	10.4	380	2300	2750	2.16	11.00	12.76	3.74
	16	07	07	-	-	4.39	2.16	2.16	-	-	2.0	8.7	10.5	380	2350	2760	2.16	11.24	12.80	3.70
	22	07	07	-	-	4.91	1.89	1.89	-	-	2.0	8.7	10.5	380	2350	2760	2.16	11.24	12.80	3.70
	24	07	07	-	-	5.22	1.74	1.74	-	-	2.0	8.7	10.5	380	2350	2760	2.16	11.24	12.80	3.70
	10	10	07	-	-	3.18	3.18	2.14	-	-	2.0	8.5	10.4	380	2300	2750	2.16	11.00	12.76	3.70
	13	10	07	-	-	3.72	2.97	2.01	-	-	2.0	8.7	10.5	380	2350	2760	2.16	11.24	12.80	3.70
	16	10	07	-	-	3.92	2.85	1.93	-	-	2.0	8.7	10.5	380	2350	2760	2.16	11.24	12.80	3.70
	22	10	07	-	-	4.50	2.57	1.73	-	-	2.0	8.8	10.6	380	2400	2780	2.16	11.48	12.89	3.67
	24	10	07	-	-	4.82	2.38	1.61	-	-	2.0	8.8	10.6	380	2400	2780	2.16	11.48	12.89	3.67
	13	13	07	-	-	3.43	3.43	1.85	-	-	2.0	8.7	10.5	380	2350	2760	2.16	11.24	12.80	3.70
	16	13	07	-	-	3.67	3.33	1.80	-	-	2.0	8.8	10.6	380	2400	2780	2.16	11.48	12.89	3.67
	22	13	07	-	-	4.24	3.03	1.63	-	-	2.0	8.9	10.7	380	2450	2790	2.16	11.72	12.94	3.63
	24	13	07	-	-	4.56	2.82	1.52	-	-	2.0	8.9	10.7	380	2450	2790	2.16	11.72	12.94	3.63
	16	16	07	-	-	3.57	3.57	1.75	-	-	2.0	8.9	10.7	380	2450	2790	2.16	11.72	12.94	3.63
	22	16	07	-	-	4.10	3.22	1.58	-	-	2.0	8.9	10.7	380	2450	2790	2.16	11.72	12.94	3.63
	24	16	07	-	-	4.42	3.00	1.47	-	-	2.0	8.9	10.7	380	2450	2790	2.16	11.72	12.94	3.63
	10	10	10	-	-	2.87	2.87	2.87	-	-	2.0	8.6	10.4	380	2300	2750	2.16	11.00	12.76	3.74
	13	10	10	-	-	3.35	2.68	2.68	-	-	2.0	8.7	10.5	380	2350	2760	2.16	11.24	12.80	3.70
	16	10	10	-	-	3.54	2.58	2.58	-	-	2.0	8.7	10.5	380	2350	2760	2.16	11.24	12.80	3.70
	22	10	10	-	-	4.15	2.37	2.37	-	-	2.0	8.9	10.7	380	2450	2790	2.16	11.72	12.94	3.63
	24	10	10	-	-	4.48	2.21	2.21	-	-	2.0	8.9	10.7	380	2450	2790	2.16	11.72	12.94	3.63
	13	13	10	-	-	3.11	3.11	2.49	-	-	2.0	8.7	10.5	380	2350	2760	2.16	11.24	12.80	3.70
	16	13	10	-	-	3.34	3.03	2.43	-	-	2.0	8.8	10.6	380	2400	2780	2.16	11.48	12.89	3.67
	18	13	10	-	-	3.56	2.97	2.37	-	-	2.0	8.9	10.7	380	2450	2790	2.16	11.72	12.94	3.63
	22	13	10	-	-	3.89	2.78	2.23	-	-	2.0	8.9	10.7	380	2450	2790	2.16	11.72	12.94	3.63
	24	13	10	-	-	4.22	2.60	2.08	-	-	2.0	8.9	10.7	380	2450	2790	2.16	11.72	12.94	3.63
	16	16	10	-	-	3.26	3.26	2.37	-	-	2.0	8.9	10.7	380	2450	2790	2.16	11.72	12.94	3.63
	22	16	10	-	-	3.78	2.97	2.18	-	-	2.0	8.9	10.7	380	2450	2790	2.16	11.72	12.94	3.63
	24	16	10	-	-	4.10	2.78	2.02	-	-	2.0	8.9	10.7	380	2450	2790	2.16	11.72	12.94	3.63
	13	13	13	-	-	2.93	2.93	2.93	-	-	2.0	8.8	10.6	380	2400	2780	2.16	11.48	12.89	3.67
	16	13	13	-	-	3.16	2.87	2.87	-	-	2.0	8.9	10.7	380	2450	2790	2.16	11.72	12.94	3.63
	22	13	13	-	-	3.66	2.62	2.62	-	-	2.0	8.9	10.7	380	2450	2790	2.16	11.72	12.94	3.63
	24	13	13	-	-	3.98	2.46	2.46	-	-	2.0	8.9	10.7	380	2450	2790	2.16	11.72	12.94	3.63
	16	16	13	-	-	3.06	3.06	2.78	-	-	2.0	8.9	10.7	380	2450	2790	2.16	11.72	12.94	3.63
	16	16	16	-	-	2.97	2.97	2.97	-	-	2.0	8.9	10.7	380	2450	2790	2.16	11.72	12.94	3.63
	22	16	13	-	-	3.56	2.80	2.54	-	-	2.0	8.9	10.7	380	2450	2790	2.16	11.72	12.94	3.63
	24	16	13	-	-	3.88	2.63	2.39	-	-	2.0	8.9	10.7	380	2450	2790	2.16	11.72	12.94	3.63
	22	22	07	-	-	3.86	3.86	1.49	-	-	2.0	9.2	11.0	380	2250	2590	2.16	10.77	12.01	4.09
	22	22	10	-	-	3.62	3.62	2.07	-	-	2.0	9.3	11.1	380	2270	2610	2.16	10.86	12.11	4.10
	24	22	07	-	-	4.23	3.66	1.41	-	-	2.0	9.3	11.1	380	2270	2610	2.16	10.86	12.11	4.10
	24	22	10	-	-	3.99	3.45	1.97	-	-	2.0	9.4	11.2	380	2290	2630	2.16	10.84	12.20	4.10
	24	24	07	-	-	4.03	4.03	1.34	-	-	2.0	9.4	11.2	380	2290	2630	2.16	10.84	12.20	4.10

Heating, 220V

Operating status	Indoor unit					Unit capacity (kW)					Cooling capacity (kW)			Power input (W)			Operating current (A)			EER
	Unit A	Unit B	Unit C	Unit D	Unit E	Unit A	Unit B	Unit C	Unit D	Unit E	Min.	Rated	Max.	Min.	Rated	Max.	Min.	Rated	Max.	
4 units operation	07	07	07	07	-	2.33	2.33	2.33	2.33	-	2.2	9.3	11.5	450	2330	2850	2.56	11.15	13.22	3.99
	10	07	07	07	-	3.11	2.10	2.10	2.10	-	2.2	9.4	11.5	460	2340	2850	2.61	11.20	13.22	4.02
	13	07	07	07	-	3.66	1.98	1.98	1.98	-	2.2	9.6	11.6	470	2360	2860	2.67	11.29	13.27	4.07
	16	07	07	07	-	3.92	1.93	1.93	1.93	-	2.2	9.7	11.6	470	2370	2880	2.67	11.34	13.36	4.09
	22	07	07	07	-	4.64	1.79	1.79	1.79	-	2.2	10.0	11.7	490	2400	2900	2.78	11.48	13.45	4.17
	24	07	07	07	-	5.00	1.67	1.67	1.67	-	2.2	10.0	11.7	490	2400	2900	2.78	11.48	13.45	4.17
	10	10	07	07	-	2.84	2.84	1.91	1.91	-	2.2	9.5	11.5	460	2350	2850	2.61	11.24	13.22	4.04
	13	10	07	07	-	3.37	2.69	1.82	1.82	-	2.2	9.7	11.6	470	2370	2880	2.67	11.34	13.36	4.09
	16	10	07	07	-	3.62	2.63	1.78	1.78	-	2.2	9.8	11.6	480	2380	2880	2.73	11.39	13.36	4.12
	22	10	07	07	-	4.27	2.44	1.65	1.65	-	2.2	10.0	11.7	490	2400	2900	2.78	11.48	13.45	4.17
	24	10	07	07	-	4.63	2.29	1.54	1.54	-	2.2	10.0	11.7	490	2400	2900	2.78	11.48	13.45	4.17
	13	13	07	07	-	3.21	3.21	1.74	1.74	-	2.2	9.9	11.7	480	2390	2900	2.73	11.44	13.45	4.14
	16	13	07	07	-	3.46	3.14	1.70	1.70	-	2.2	10.0	11.7	490	2400	2900	2.78	11.48	13.45	4.17
	22	13	07	07	-	4.02	2.87	1.55	1.55	-	2.2	10.0	11.7	490	2400	2900	2.78	11.48	13.45	4.17
	24	13	07	07	-	4.38	2.70	1.46	1.46	-	2.2	10.0	11.7	490	2400	2900	2.78	11.48	13.45	4.17
	16	16	07	07	-	3.35	3.35	1.65	1.65	-	2.2	10.0	11.7	490	2400	2900	2.78	11.48	13.45	4.17
	22	16	07	07	-	3.91	3.07	1.51	1.51	-	2.2	10.0	11.7	490	2400	2900	2.78	11.48	13.45	4.17
	24	16	07	07	-	4.26	2.89	1.42	1.42	-	2.2	10.0	11.7	490	2400	2900	2.78	11.48	13.45	4.17
	10	10	10	07	-	2.61	2.61	2.61	1.76	-	2.2	9.6	11.6	470	2360	2860	2.67	11.29	13.27	4.07
	13	10	10	07	-	3.12	2.50	2.50	1.69	-	2.2	9.8	11.6	480	2380	2880	2.73	11.39	13.36	4.12
	16	10	10	07	-	3.36	2.44	2.44	1.65	-	2.2	9.9	11.7	480	2390	2900	2.73	11.44	13.45	4.14
	22	10	10	07	-	3.95	2.26	2.26	1.53	-	2.2	10.0	11.7	490	2400	2900	2.78	11.48	13.45	4.17
	24	10	10	07	-	4.31	2.13	2.13	1.44	-	2.2	10.0	11.7	490	2400	2900	2.78	11.48	13.45	4.17
	13	13	10	07	-	2.99	2.99	2.40	1.62	-	2.2	10.0	11.7	490	2400	2900	2.78	11.48	13.45	4.17
	16	13	10	07	-	3.20	2.91	2.33	1.57	-	2.2	10.0	11.7	490	2400	2900	2.78	11.48	13.45	4.17
	22	13	10	07	-	3.74	2.67	2.14	1.44	-	2.2	10.0	11.7	490	2400	2900	2.78	11.48	13.45	4.17
	24	13	10	07	-	4.09	2.53	2.02	1.36	-	2.2	10.0	11.7	490	2400	2900	2.78	11.48	13.45	4.17
	16	16	10	07	-	3.11	3.11	2.26	1.53	-	2.2	10.0	11.7	490	2400	2900	2.78	11.48	13.45	4.17
	22	16	10	07	-	3.65	2.86	2.08	1.41	-	2.2	10.0	11.7	490	2400	2900	2.78	11.48	13.45	4.17
	24	16	10	07	-	3.99	2.71	1.97	1.33	-	2.2	10.0	11.7	490	2400	2900	2.78	11.48	13.45	4.17
	13	13	13	07	-	2.82	2.82	2.82	1.53	-	2.2	10.0	11.7	490	2400	2900	2.78	11.48	13.45	4.17
	16	13	13	07	-	3.02	2.75	2.75	1.48	-	2.2	10.0	11.7	490	2400	2900	2.78	11.48	13.45	4.17
	22	13	13	07	-	3.55	2.54	2.54	1.37	-	2.2	10.0	11.7	490	2400	2900	2.78	11.48	13.45	4.17
	24	13	13	07	-	3.89	2.40	2.40	1.30	-	2.2	10.0	11.7	490	2400	2900	2.78	11.48	13.45	4.17
	16	16	13	07	-	2.94	2.94	2.67	1.44	-	2.2	10.0	11.7	490	2400	2900	2.78	11.48	13.45	4.17
	22	16	13	07	-	3.47	2.72	2.48	1.34	-	2.2	10.0	11.7	490	2400	2900	2.78	11.48	13.45	4.17
	24	16	13	07	-	3.80	2.58	2.35	1.27	-	2.2	10.0	11.7	490	2400	2900	2.78	11.48	13.45	4.17
	10	10	10	10	-	2.43	2.43	2.43	2.43	-	2.2	10.0	11.7	490	2400	2900	2.78	11.48	13.45	4.17
	13	10	10	10	-	2.91	2.33	2.33	2.33	-	2.2	9.7	11.6	470	2370	2780	2.67	11.34	12.89	4.09
	16	10	10	10	-	3.14	2.29	2.29	2.29	-	2.2	9.9	11.7	480	2390	2900	2.73	11.44	13.45	4.14
	22	10	10	10	-	3.68	2.11	2.11	2.11	-	2.2	10.0	11.7	490	2400	2900	2.78	11.48	13.45	4.17
	24	10	10	10	-	4.03	1.99	1.99	1.99	-	2.2	10.0	11.7	490	2400	2900	2.78	11.48	13.45	4.17
	13	13	10	10	-	2.78	2.78	2.22	2.22	-	2.2	10.0	11.7	490	2400	2900	2.78	11.48	13.45	4.17
	16	13	10	10	-	2.97	2.70	2.16	2.16	-	2.2	10.0	11.7	490	2400	2900	2.78	11.48	13.45	4.17
	22	13	10	10	-	3.50	2.50	2.00	2.00	-	2.2	10.0	11.7	490	2400	2900	2.78	11.48	13.45	4.17

Heating, 220V

Operating status	Indoor unit					Unit capacity (kW)					Cooling capacity (kW)			Power input (W)			Operating current (A)			EER
	Unit A	Unit B	Unit C	Unit D	Unit E	Unit A	Unit B	Unit C	Unit D	Unit E	Min.	Rated	Max.	Min.	Rated	Max.	Min.	Rated	Max.	
4 units operation	24	13	10	10	-	3.84	2.37	1.90	1.90	-	2.2	10.0	11.7	490	2400	2900	2.78	11.48	13.45	4.17
	16	16	10	10	-	2.89	2.89	2.11	2.11	-	2.2	10.0	11.7	490	2400	2900	2.78	11.48	13.45	4.17
	22	16	10	10	-	3.41	2.68	1.95	1.95	-	2.2	10.0	11.7	490	2400	2900	2.78	11.48	13.45	4.17
	24	16	10	10	-	3.75	2.55	1.85	1.85	-	2.2	10.0	11.7	490	2400	2900	2.78	11.48	13.45	4.17
	13	13	13	10	-	2.63	2.63	2.63	2.11	-	2.2	10.0	11.7	490	2400	2900	2.78	11.48	13.45	4.17
	16	13	13	10	-	2.82	2.56	2.56	2.05	-	2.2	10.0	11.7	490	2400	2900	2.78	11.48	13.45	4.17
	22	13	13	10	-	3.33	2.38	2.38	1.90	-	2.2	10.0	11.7	490	2400	2900	2.78	11.48	13.45	4.17
	24	13	13	10	-	3.67	2.26	2.26	1.81	-	2.2	10.0	11.7	490	2400	2900	2.78	11.48	13.45	4.17
	16	16	13	10	-	2.75	2.75	2.50	2.00	-	2.2	10.0	11.7	490	2400	2900	2.78	11.48	13.45	4.17
	22	16	13	10	-	3.26	2.56	2.33	1.86	-	2.2	10.0	11.7	490	2400	2900	2.78	11.48	13.45	4.17
	24	16	13	10	-	3.58	2.43	2.21	1.77	-	2.2	10.0	11.7	490	2400	2900	2.78	11.48	13.45	4.17
	13	13	13	13	-	2.50	2.50	2.50	2.50	-	2.2	10.0	11.7	490	2400	2900	2.78	11.48	13.45	4.17
	16	13	13	13	-	2.68	2.44	2.44	2.44	-	2.2	10.0	11.7	490	2400	2900	2.78	11.48	13.45	4.17
	22	13	13	13	-	3.18	2.27	2.27	2.27	-	2.2	10.0	11.7	490	2400	2900	2.78	11.48	13.45	4.17
	24	13	13	13	-	3.51	2.16	2.16	2.16	-	2.2	10.0	11.7	490	2400	2900	2.78	11.48	13.45	4.17
	16	16	13	13	-	2.62	2.62	2.38	2.38	-	2.2	10.0	11.7	490	2400	2900	2.78	11.48	13.45	4.17
	22	16	13	13	-	3.11	2.44	2.22	2.22	-	2.2	10.0	11.7	490	2400	2900	2.78	11.48	13.45	4.17
	24	16	13	13	-	3.43	2.33	2.12	2.12	-	2.2	10.0	11.7	490	2400	2900	2.78	11.48	13.45	4.17
5 units operation	07	07	07	07	07	2.28	2.28	2.28	2.28	2.28	2.7	11.4	13.4	508	2690	4020	2.89	12.87	18.65	4.24
	10	07	07	07	07	3.16	2.13	2.13	2.13	2.13	2.7	11.7	13.7	508	2762	4120	2.89	13.22	19.11	4.24
	13	07	07	07	07	3.70	2.00	2.00	2.00	2.00	2.7	11.7	13.7	508	2762	4120	2.89	13.22	19.11	4.24
	16	07	07	07	07	3.95	1.94	1.94	1.94	1.94	2.7	11.7	13.7	508	2762	4120	2.89	13.22	19.11	4.24
	10	10	07	07	07	2.91	2.91	1.96	1.96	1.96	2.7	11.7	13.7	508	2762	4120	2.89	13.22	19.11	4.24
	13	10	07	07	07	3.42	2.74	1.85	1.85	1.85	2.7	11.7	13.7	508	2762	4120	2.89	13.22	19.11	4.24
	16	10	07	07	07	3.66	2.66	1.79	1.79	1.79	2.7	11.7	13.7	508	2762	4120	2.89	13.22	19.11	4.24
	13	13	07	07	07	3.23	3.23	1.75	1.75	1.75	2.7	11.7	13.7	508	2762	4120	2.89	13.22	19.11	4.24
	16	13	07	07	07	3.46	3.15	1.70	1.70	1.70	2.7	11.7	13.7	508	2762	4120	2.89	13.22	19.11	4.24
	16	16	07	07	07	3.37	3.37	1.65	1.65	1.65	2.7	11.7	13.7	508	2762	4120	2.89	13.22	19.11	4.24
	10	10	07	07	07	2.69	2.69	2.69	1.82	1.82	2.7	11.7	13.7	508	2762	4120	2.89	13.22	19.11	4.24
	13	10	07	07	07	3.18	2.54	2.54	1.72	1.72	2.7	11.7	13.7	508	2762	4120	2.89	13.22	19.11	4.24
	13	13	10	07	07	3.02	3.02	2.41	1.63	1.63	2.7	11.7	13.7	508	2762	4120	2.89	13.22	19.11	4.24
	16	10	10	07	07	3.40	2.48	2.48	1.67	1.67	2.7	11.7	13.7	508	2762	4120	2.89	13.22	19.11	4.24
	13	13	13	07	07	2.87	2.87	2.87	1.55	1.55	2.7	11.7	13.7	508	2762	4120	2.89	13.22	19.11	4.24
	16	13	13	07	07	3.08	2.80	2.80	1.51	1.51	2.7	11.7	13.7	508	2762	4120	2.89	13.22	19.11	4.24
	16	16	10	07	07	3.15	3.15	2.29	1.55	1.55	2.7	11.7	13.7	508	2762	4120	2.89	13.22	19.11	4.24
	16	16	13	07	07	3.01	3.01	2.73	1.48	1.48	2.7	11.7	13.7	508	2762	4120	2.89	13.22	19.11	4.24
	10	10	10	10	07	2.50	2.50	2.50	2.50	1.69	2.7	11.7	13.7	508	2762	4120	2.89	13.22	19.11	4.24
	13	10	10	10	07	2.97	2.38	2.38	2.38	1.60	2.7	11.7	13.7	508	2762	4120	2.89	13.22	19.11	4.24
	16	10	10	10	07	3.19	2.32	2.32	2.32	1.56	2.7	11.7	13.7	508	2762	4120	2.89	13.22	19.11	4.24
	13	13	10	10	07	2.83	2.83	2.26	2.26	1.53	2.7	11.7	13.7	508	2762	4120	2.89	13.22	19.11	4.24
	16	13	10	10	07	3.04	2.76	2.21	2.21	1.49	2.7	11.7	13.7	508	2762	4120	2.89	13.22	19.11	4.24
	16	16	10	10	07	2.97	2.97	2.16	2.16	1.46	2.7	11.7	13.7	508	2762	4120	2.89	13.22	19.11	4.24
	13	13	13	10	07	2.70	2.70	2.70	2.16	1.46	2.7	11.7	13.7	508	2762	4120	2.89	13.22	19.11	4.24
	16	13	13	10	07	2.90	2.64	2.64	2.11	1.42	2.7	11.7	13.7	508	2762	4120	2.89	13.22	19.11	4.24
	16	16	13	10	07	2.83	2.83	2.58	2.06	1.39	2.7	11.7	13.7	508	2762	4120	2.89	13.22	19.11	4.24

Heating, 220V

Operating status	Indoor unit					Unit capacity (kW)					Cooling capacity (kW)			Power input (W)			Operating current (A)			EER
	Unit A	Unit B	Unit C	Unit D	Unit E	Unit A	Unit B	Unit C	Unit D	Unit E	Min.	Rated	Max.	Min.	Rated	Max.	Min.	Rated	Max.	
5 units operation	13	13	13	13	07	2.58	2.58	2.58	2.58	1.39	2.7	11.7	13.7	508	2762	4120	2.89	13.22	19.11	4.24
	16	13	13	13	07	2.77	2.52	2.52	2.52	1.36	2.7	11.7	13.7	508	2762	4120	2.89	13.22	19.11	4.24
	16	16	13	13	07	2.72	2.72	2.47	2.47	1.33	2.7	11.7	13.7	508	2762	4120	2.89	13.22	19.11	4.24
	10	10	10	10	10	2.34	2.34	2.34	2.34	2.34	2.7	11.7	13.7	508	2762	4120	2.89	13.22	19.11	4.24
	13	10	10	10	10	2.79	2.23	2.23	2.23	2.23	2.7	11.7	13.7	508	2762	4120	2.89	13.22	19.11	4.24
	16	10	10	10	10	2.99	2.18	2.18	2.18	2.18	2.7	11.7	13.7	508	2762	4120	2.89	13.22	19.11	4.24
	13	13	10	10	10	2.66	2.66	2.13	2.13	2.13	2.7	11.7	13.7	508	2762	4120	2.89	13.22	19.11	4.24
	16	13	10	10	10	2.86	2.60	2.08	2.08	2.08	2.7	11.7	13.7	508	2762	4120	2.89	13.22	19.11	4.24
	16	16	10	10	10	2.80	2.80	2.03	2.03	2.03	2.7	11.7	13.7	508	2762	4120	2.89	13.22	19.11	4.24
	13	13	13	10	10	2.54	2.54	2.54	2.03	2.03	2.7	11.7	13.7	508	2762	4120	2.89	13.22	19.11	4.24
	16	13	13	10	10	2.74	2.49	2.49	1.99	1.99	2.7	11.7	13.7	508	2762	4120	2.89	13.22	19.11	4.24
	16	16	13	10	10	2.75	2.75	2.50	2.00	2.00	2.7	12.0	14.0	508	2833	4200	2.89	13.56	19.48	4.24
	13	13	13	13	10	2.44	2.44	2.44	2.44	1.95	2.7	11.7	13.7	508	2762	4120	2.89	13.22	19.11	4.24
	16	13	13	13	10	2.69	2.45	2.45	2.45	1.96	2.7	12.0	14.0	508	2833	4200	2.89	13.56	19.48	4.24
	16	16	13	13	10	2.64	2.64	2.40	2.40	1.92	2.7	12.0	14.0	508	2833	4200	2.89	13.56	19.48	4.24
	13	13	13	13	13	2.40	2.40	2.40	2.40	2.40	2.7	12.0	14.0	508	2833	4200	2.89	13.56	19.48	4.24
	16	13	13	13	13	2.59	2.35	2.35	2.35	2.35	2.7	12.0	14.0	508	2833	4200	2.89	13.56	19.48	4.24
	22	07	07	07	07	4.60	1.77	1.77	1.77	1.77	2.46	11.7	14.0	487	2762	4200	2.77	13.22	19.48	4.24
	22	10	07	07	07	4.29	2.45	1.65	1.65	1.65	2.46	11.7	14.0	487	2762	4200	2.77	13.22	19.48	4.24
	22	10	10	07	07	4.01	2.29	2.29	1.55	1.55	2.46	11.7	14.0	487	2762	4200	2.77	13.22	19.48	4.24
	22	10	10	10	07	3.77	2.16	2.16	2.16	1.46	2.46	11.7	14.0	487	2762	4200	2.77	13.22	19.48	4.24
	22	10	10	10	10	3.56	2.03	2.03	2.03	2.03	2.46	11.7	14.0	487	2762	4200	2.77	13.22	19.48	4.24
	22	13	07	07	07	4.07	2.91	1.57	1.57	1.57	2.46	11.7	14.0	487	2762	4200	2.77	13.22	19.48	4.24
	22	13	10	07	07	3.83	2.73	2.19	1.48	1.48	2.46	11.7	14.0	487	2762	4200	2.77	13.22	19.48	4.24
	22	13	10	10	07	3.61	2.58	2.06	2.06	1.39	2.46	11.7	14.0	487	2762	4200	2.77	13.22	19.48	4.24
	22	13	10	10	10	3.50	2.50	2.00	2.00	2.00	2.46	12.0	14.0	487	2833	4200	2.77	13.56	19.48	4.24
	22	13	13	07	07	3.66	2.61	2.61	1.41	1.41	2.46	11.7	14.0	487	2762	4200	2.77	13.22	19.48	4.24
	22	13	13	10	07	3.54	2.53	2.53	2.03	1.37	2.46	12.0	14.0	487	2833	4200	2.77	13.56	19.48	4.24
	22	13	13	10	10	3.36	2.40	2.40	1.92	1.92	2.46	12.0	14.0	487	2833	4200	2.77	13.56	19.48	4.24
	22	13	13	13	07	3.40	2.43	2.43	2.43	1.31	2.46	12.0	14.0	487	2833	4200	2.77	13.56	19.48	4.24
	24	07	07	07	07	5.01	1.67	1.67	1.67	1.67	2.46	11.7	14.0	487	2762	4200	2.77	13.22	19.48	4.24
	24	10	07	07	07	4.69	2.32	1.56	1.56	1.56	2.46	11.7	14.0	487	2762	4200	2.77	13.22	19.48	4.24
	24	10	10	07	07	4.41	2.18	2.18	1.47	1.47	2.46	11.7	14.0	487	2762	4200	2.77	13.22	19.48	4.24
	24	10	10	10	07	4.16	2.05	2.05	2.05	1.39	2.46	11.7	14.0	487	2762	4200	2.77	13.22	19.48	4.24
	24	10	10	10	10	3.93	1.94	1.94	1.94	1.94	2.46	11.7	14.0	487	2762	4200	2.77	13.22	19.48	4.24
	24	13	07	07	07	4.47	2.76	1.49	1.49	1.49	2.46	11.7	14.0	487	2762	4200	2.77	13.22	19.48	4.24
	24	13	10	07	07	4.21	2.60	2.08	1.40	1.40	2.46	11.7	14.0	487	2762	4200	2.77	13.22	19.48	4.24
	24	13	10	10	07	3.98	2.46	1.97	1.97	1.33	2.46	11.7	14.0	487	2762	4200	2.77	13.22	19.48	4.24
	24	13	10	10	10	3.87	2.39	1.91	1.91	1.91	2.46	12.0	14.0	487	2833	4200	2.77	13.56	19.48	4.24
	24	13	13	07	07	4.03	2.49	2.49	1.34	1.34	2.46	11.7	14.0	487	2762	4200	2.77	13.22	19.48	4.24
	24	13	13	10	07	3.92	2.42	2.42	1.94	1.31	2.46	12.0	14.0	487	2833	4200	2.77	13.56	19.48	4.24

Heating, 230V

Operating status	Indoor unit					Unit capacity (kW)					Cooling capacity (kW)			Power input (W)			Operating current (A)			EER
	Unit A	Unit B	Unit C	Unit D	Unit E	Unit A	Unit B	Unit C	Unit D	Unit E	Min.	Rated	Max.	Min.	Rated	Max.	Min.	Rated	Max.	
1 unit operation	07	-	-	-	-	2.70	-	-	-	-	0.8	2.7	4.8	300	900	1980	1.79	4.50	8.78	3.00
	10	-	-	-	-	4.00	-	-	-	-	0.8	4.0	5.2	300	1450	1980	1.79	6.64	8.78	2.76
	13	-	-	-	-	5.00	-	-	-	-	0.8	5.0	6.5	310	2050	2750	1.85	9.38	12.20	2.44
	16	-	-	-	-	5.50	-	-	-	-	0.8	5.5	6.9	310	2400	3000	1.85	10.98	13.31	2.29
	22	-	-	-	-	7.00	-	-	-	-	1.8	7.0	8.2	330	2700	3600	1.97	12.23	15.97	2.59
	24	-	-	-	-	8.10	-	-	-	-	1.8	8.1	8.6	330	3300	3700	1.97	14.95	16.42	2.45
2 units operation	07	07	-	-	-	2.70	2.70	-	-	-	1.5	5.4	7.4	320	2050	3200	1.86	9.38	14.20	2.63
	10	07	-	-	-	4.00	2.70	-	-	-	1.5	6.7	8.9	320	2080	3200	1.86	9.52	14.20	3.22
	13	07	-	-	-	4.81	2.59	-	-	-	1.5	7.4	10.1	320	2320	3210	1.86	10.62	14.24	3.19
	16	07	-	-	-	5.10	2.50	-	-	-	1.5	7.6	10.1	320	2480	3230	1.86	11.35	14.33	3.06
	22	07	-	-	-	5.70	2.20	-	-	-	1.5	7.9	10.1	320	2480	3230	1.86	11.35	14.33	3.19
	24	07	-	-	-	6.23	2.08	-	-	-	1.5	8.3	10.2	320	2700	3240	1.86	12.36	14.37	3.07
	10	10	-	-	-	3.60	3.60	-	-	-	1.5	7.2	10.0	320	2100	3200	1.86	9.61	14.20	3.43
	13	10	-	-	-	4.22	3.38	-	-	-	1.5	7.6	10.1	320	2320	3210	1.86	10.62	14.24	3.28
	16	10	-	-	-	4.57	3.33	-	-	-	1.5	7.9	10.1	320	2480	3230	1.86	11.35	14.33	3.19
	22	10	-	-	-	5.28	3.02	-	-	-	1.5	8.3	10.2	320	2700	320	1.86	12.36	14.37	3.07
	24	10	-	-	-	5.76	2.84	-	-	-	1.5	8.6	10.2	320	2860	3250	1.86	13.09	14.42	3.01
	13	13	-	-	-	3.95	3.95	-	-	-	1.5	7.9	10.1	320	2480	3230	1.86	11.35	14.33	3.19
	16	13	-	-	-	4.35	3.95	-	-	-	1.5	8.3	10.2	320	2700	3240	1.86	12.36	14.37	3.07
	22	13	-	-	-	5.02	3.58	-	-	-	1.5	8.6	10.2	320	2860	3250	1.86	13.09	14.42	3.01
	24	13	-	-	-	5.32	3.28	-	-	-	1.5	8.6	10.2	320	2860	3250	1.86	13.09	14.42	3.01
	16	16	-	-	-	4.30	4.30	-	-	-	1.5	8.6	10.2	320	2860	3250	1.86	13.09	14.42	3.01
	22	16	-	-	-	4.82	3.78	-	-	-	1.5	8.6	10.2	320	2860	3250	1.86	13.09	14.42	3.01
	24	16	-	-	-	5.12	3.48	-	-	-	1.5	8.6	10.2	320	2860	3250	1.86	13.09	14.42	3.01
	22	22	-	-	-	4.50	4.50	-	-	-	1.5	9.0	10.6	320	2200	2590	1.86	9.96	11.49	4.09
	22	24	-	-	-	4.17	4.83	-	-	-	1.5	9.0	10.6	320	2200	2590	1.86	9.96	11.49	4.09
	24	24	-	-	-	4.55	4.55	-	-	-	1.5	9.1	10.7	320	2200	2610	1.86	10.05	11.58	4.10
3 units operation	07	07	07	-	-	2.70	2.70	2.70	-	-	2.0	8.1	10.4	380	2290	2750	2.07	10.48	12.20	3.54
	10	07	07	-	-	3.53	2.38	2.38	-	-	2.0	8.3	10.4	380	2300	2750	2.07	10.53	12.20	3.61
	13	07	07	-	-	4.13	2.23	2.23	-	-	2.0	8.6	10.4	380	2300	2750	2.07	10.53	12.20	3.74
	16	07	07	-	-	4.39	2.16	2.16	-	-	2.0	8.7	10.5	380	2350	2760	2.07	10.76	12.24	3.70
	22	07	07	-	-	4.91	1.89	1.89	-	-	2.0	8.7	10.5	380	2350	2760	2.07	10.76	12.24	3.70
	24	07	07	-	-	5.22	1.74	1.74	-	-	2.0	8.7	10.5	380	2350	2760	2.07	10.76	12.24	3.70
	10	10	07	-	-	3.18	3.18	2.14	-	-	2.0	8.5	10.4	380	2300	2750	2.07	10.53	12.20	3.70
	13	10	07	-	-	3.72	2.97	2.01	-	-	2.0	8.7	10.5	380	2350	2760	2.07	10.76	12.24	3.70
	16	10	07	-	-	3.92	2.85	1.93	-	-	2.0	8.7	10.5	380	2350	2760	2.07	10.76	12.24	3.70
	22	10	07	-	-	4.50	2.57	1.73	-	-	2.0	8.8	10.6	380	2400	2780	2.07	10.98	12.33	3.67
	24	10	07	-	-	4.82	2.38	1.61	-	-	2.0	8.8	10.6	380	2400	2780	2.07	10.98	12.33	3.67
	13	13	07	-	-	3.43	3.43	1.85	-	-	2.0	8.7	10.5	380	2350	2760	2.07	10.76	12.24	3.70
	16	13	07	-	-	3.67	3.33	1.80	-	-	2.0	8.8	10.6	380	2400	2780	2.07	10.98	12.33	3.67
	22	13	07	-	-	4.24	3.03	1.63	-	-	2.0	8.9	10.7	380	2450	2790	2.07	11.21	12.38	3.63
	24	13	07	-	-	4.56	2.82	1.52	-	-	2.0	8.9	10.7	380	2450	2790	2.07	11.21	12.38	3.63
	16	16	07	-	-	3.57	3.57	1.75	-	-	2.0	8.9	10.7	380	2450	2790	2.07	11.21	12.38	3.63
	22	16	07	-	-	4.10	3.22	1.58	-	-	2.0	8.9	10.7	380	2450	2790	2.07	11.21	12.38	3.63
	24	16	07	-	-	4.42	3.00	1.47	-	-	2.0	8.9	10.7	380	2450	2790	2.07	11.21	12.38	3.63

Heating, 230V

Operating status	Indoor unit					Unit capacity (kW)					Cooling capacity (kW)			Power input (W)			Operating current (A)			EER
	Unit A	Unit B	Unit C	Unit D	Unit E	Unit A	Unit B	Unit C	Unit D	Unit E	Min.	Rated	Max.	Min.	Rated	Max.	Min.	Rated	Max.	
3 units operation	10	10	10	-	-	2.87	2.87	2.87	-	-	2.0	8.6	10.4	380	2300	2750	2.07	10.53	12.20	3.74
	13	10	10	-	-	3.35	2.68	2.68	-	-	2.0	8.7	10.5	380	2350	2760	2.07	10.76	12.24	3.70
	16	10	10	-	-	3.54	2.58	2.58	-	-	2.0	8.7	10.5	380	2350	2760	2.07	10.76	12.24	3.70
	22	10	10	-	-	4.15	2.37	2.37	-	-	2.0	8.9	10.7	380	2450	2790	2.07	11.21	12.38	3.63
	24	10	10	-	-	4.48	2.21	2.21	-	-	2.0	8.9	10.7	380	2450	2790	2.07	11.21	12.38	3.63
	13	13	10	-	-	3.11	3.11	2.49	-	-	2.0	8.7	10.5	380	2350	2760	2.07	10.76	12.24	3.70
	16	13	10	-	-	3.34	3.03	2.43	-	-	2.0	8.8	10.6	380	2400	2780	2.07	10.98	12.33	3.67
	22	13	10	-	-	3.89	2.78	2.23	-	-	2.0	8.9	10.7	380	2450	2790	2.07	11.21	12.38	3.63
	24	13	10	-	-	4.22	2.60	2.08	-	-	2.0	8.9	10.7	380	2450	2790	2.07	11.21	12.38	3.63
	16	16	10	-	-	3.26	3.26	2.37	-	-	2.0	8.9	10.7	380	2450	2790	2.07	11.21	12.38	3.63
	22	16	10	-	-	3.78	2.97	2.18	-	-	2.0	8.9	10.7	380	2450	2790	2.07	11.21	12.38	3.63
	24	16	10	-	-	4.10	2.78	2.02	-	-	2.0	8.9	10.7	380	2450	2790	2.07	11.21	12.38	3.63
	13	13	13	-	-	2.93	2.93	2.93	-	-	2.0	8.8	10.6	380	2400	2780	2.07	10.98	12.33	3.67
	16	13	13	-	-	3.16	2.87	2.87	-	-	2.0	8.9	10.7	380	2450	2790	2.07	11.21	12.38	3.63
	22	13	13	-	-	3.66	2.62	2.62	-	-	2.0	8.9	10.7	380	2450	2790	2.07	11.21	12.38	3.63
	24	13	13	-	-	3.98	2.46	2.46	-	-	2.0	8.9	10.7	380	2450	2790	2.07	11.21	12.38	3.63
	16	16	13	-	-	3.06	3.06	2.78	-	-	2.0	8.9	10.7	380	2450	2790	2.07	11.21	12.38	3.63
	16	16	16	-	-	2.97	2.97	2.97	-	-	2.0	8.9	10.7	380	2450	2790	2.07	11.21	12.38	3.63
	22	16	13	-	-	3.56	2.80	2.54	-	-	2.0	8.9	10.7	380	2450	2790	2.07	11.21	12.38	3.63
	24	16	13	-	-	3.88	2.63	2.39	-	-	2.0	8.9	10.7	380	2450	2790	2.07	11.21	12.38	3.63
	22	22	07	-	-	3.86	3.86	1.49	-	-	2.0	9.2	11.0	380	2250	2590	2.07	10.19	11.49	4.09
	22	22	10	-	-	3.62	3.62	2.07	-	-	2.0	9.3	11.1	380	2270	2610	2.07	10.28	11.58	4.10
	24	22	07	-	-	4.23	3.66	1.41	-	-	2.0	9.3	11.1	380	2270	2610	2.07	10.28	11.58	4.10
	24	22	10	-	-	3.99	3.45	1.97	-	-	2.0	9.4	11.2	380	2290	2630	2.07	10.37	11.67	4.10
	24	24	07	-	-	4.03	4.03	1.34	-	-	2.0	9.4	11.2	380	2290	2630	2.07	10.37	11.67	4.10
	24	24	10	-	-	3.77	3.77	1.86	-	-	2.0	9.4	11.2	380	2290	2630	2.07	10.37	11.67	4.10
4 units operation	07	07	07	07	-	2.33	2.33	2.33	2.33	-	2.2	9.3	11.5	450	2330	2850	2.45	10.66	12.64	3.99
	10	07	07	07	-	3.11	2.10	2.10	2.10	-	2.2	9.4	11.5	460	2340	2850	2.50	10.71	12.64	4.02
	13	07	07	07	-	3.66	1.98	1.98	1.98	-	2.2	9.6	11.6	470	2360	2860	2.55	10.80	12.69	4.07
	16	07	07	07	-	3.92	1.93	1.93	1.93	-	2.2	9.7	11.6	470	2370	2880	2.55	10.85	12.78	4.09
	22	07	07	07	-	4.64	1.79	1.79	1.79	-	2.2	10.0	11.7	490	2400	2900	2.66	10.98	12.87	4.17
	24	07	07	07	-	5.00	1.67	1.67	1.67	-	2.2	10.0	11.7	490	2400	2900	2.66	10.98	12.87	4.17
	10	10	07	07	-	2.84	2.84	1.91	1.91	-	2.2	9.5	11.5	460	2350	2850	2.50	10.78	12.64	4.04
	13	10	07	07	-	3.37	2.69	1.82	1.82	-	2.2	9.7	11.6	470	2370	2880	2.55	10.85	12.78	4.09
	16	10	07	07	-	3.62	2.63	1.78	1.78	-	2.2	9.8	11.6	480	2380	2880	2.61	10.89	12.78	4.12
	22	10	07	07	-	4.27	2.44	1.65	1.65	-	2.2	10.0	11.7	490	2400	2900	2.66	10.98	12.87	4.17
	24	10	07	07	-	4.63	2.29	1.54	1.54	-	2.2	10.0	11.7	490	2400	2900	2.66	10.98	12.87	4.17
	10	10	10	07	-	2.61	2.61	2.61	1.76	-	2.2	9.6	11.6	470	2360	2860	2.55	10.80	12.78	4.07
	13	10	10	07	-	3.12	2.50	2.50	1.69	-	2.2	9.8	11.6	480	2380	2880	2.61	10.89	12.78	4.12
	16	10	10	07	-	3.36	2.44	2.44	1.65	-	2.2	9.9	11.7	480	2390	2900	2.61	10.94	12.87	4.14
	22	10	10	07	-	3.95	2.26	2.26	1.53	-	2.2	10.0	11.7	490	2400	2900	2.66	10.98	12.87	4.17
	24	10	10	07	-	4.31	2.13	2.13	1.44	-	2.2	10.0	11.7	490	2400	2900	2.66	10.98	12.87	4.17
	10	10	10	07	-	2.61	2.61	2.61	1.76	-	2.2	9.6	11.6	470	2360	2860	2.55	10.80	12.78	4.07
	13	10	10	07	-	3.12	2.50	2.50	1.69	-	2.2	9.8	11.6	480	2380	2880	2.61	10.89	12.78	4.12
	16	10	10	07	-	3.36	2.44	2.44	1.65	-	2.2	9.9	11.7	480	2390	2900	2.61	10.94	12.87	4.14

Heating, 230V

Operating status	Indoor unit					Unit capacity (kW)					Cooling capacity (kW)			Power input (W)			Operating current (A)			EER
	Unit A	Unit B	Unit C	Unit D	Unit E	Unit A	Unit B	Unit C	Unit D	Unit E	Min.	Rated	Max.	Min.	Rated	Max.	Min.	Rated	Max.	
4 units operation	22	10	10	07	-	3.95	2.26	2.26	1.53	-	2.2	10.0	11.7	490	2400	2900	2.66	10.98	12.87	4.17
	24	10	10	07	-	4.31	2.13	2.13	1.44	-	2.2	10.0	11.7	490	2400	2900	2.66	10.98	12.87	4.17
	13	13	10	07	-	2.99	2.99	2.40	1.62	-	2.2	10.0	11.7	490	2400	2900	2.66	10.98	12.87	4.17
	16	13	10	07	-	3.20	2.91	2.33	1.57	-	2.2	10.0	11.7	490	2400	2900	2.66	10.98	12.87	4.17
	22	13	10	07	-	3.74	2.67	2.14	1.44	-	2.2	10.0	11.7	490	2400	2900	2.66	10.98	12.87	4.17
	24	13	10	07	-	4.09	2.53	2.02	1.36	-	2.2	10.0	11.7	490	2400	2900	2.66	10.98	12.87	4.17
	16	16	10	07	-	3.11	3.11	2.26	1.53	-	2.2	10.0	11.7	490	2400	2900	2.66	10.98	12.87	4.17
	22	16	10	07	-	3.65	2.86	2.08	1.41	-	2.2	10.0	11.7	490	2400	2900	2.66	10.98	12.87	4.17
	24	16	10	07	-	3.99	2.71	1.97	1.33	-	2.2	10.0	11.7	490	2400	2900	2.66	10.98	12.87	4.17
	13	13	13	07	-	2.82	2.82	2.82	1.53	-	2.2	10.0	11.7	490	2400	2900	2.66	10.98	12.87	4.17
	16	13	13	07	-	3.02	2.75	2.75	1.48	-	2.2	10.0	11.7	490	2400	2900	2.66	10.98	12.87	4.17
	22	13	13	07	-	3.55	2.54	2.54	1.37	-	2.2	10.0	11.7	490	2400	2900	2.66	10.98	12.87	4.17
	24	13	13	07	-	3.89	2.40	2.40	1.30	-	2.2	10.0	11.7	490	2400	2900	2.66	10.98	12.87	4.17
	16	16	13	07	-	2.94	2.94	2.67	1.44	-	2.2	10.0	11.7	490	2400	2900	2.66	10.98	12.87	4.17
	22	16	13	07	-	3.47	2.72	2.48	1.34	-	2.2	10.0	11.7	490	2400	2900	2.66	10.98	12.87	4.17
	24	16	13	07	-	3.80	2.58	2.35	1.27	-	2.2	10.0	11.7	490	2400	2900	2.66	10.98	12.87	4.17
	10	10	10	10	-	2.43	2.43	2.43	2.43	-	2.2	10.0	11.7	490	2400	2900	2.55	10.85	12.33	4.09
	13	10	10	10	-	2.91	2.33	2.33	2.33	-	2.2	9.7	11.6	470	2370	2780	2.61	10.94	12.87	4.14
	16	10	10	10	-	3.14	2.29	2.29	2.29	-	2.2	9.9	11.7	480	2390	2900	2.66	10.98	12.87	4.17
	22	10	10	10	-	3.68	2.11	2.11	2.11	-	2.2	10.0	11.7	490	2400	2900	2.66	10.98	12.87	4.17
	24	10	10	10	-	4.03	1.99	1.99	1.99	-	2.2	10.0	11.7	490	2400	2900	2.66	10.98	12.87	4.17
	13	13	10	10	-	2.78	2.78	2.22	2.22	-	2.2	10.0	11.7	490	2400	2900	2.66	10.98	12.87	4.17
	16	13	10	10	-	2.97	2.70	2.16	2.16	-	2.2	10.0	11.7	490	2400	2900	2.66	10.98	12.87	4.17
	22	13	10	10	-	3.50	2.50	2.00	2.00	-	2.2	10.0	11.7	490	2400	2900	2.66	10.98	12.87	4.17
	24	13	10	10	-	3.84	2.37	1.90	1.90	-	2.2	10.0	11.7	490	2400	2900	2.66	10.98	12.87	4.17
	16	16	10	10	-	2.89	2.89	2.11	2.11	-	2.2	10.0	11.7	490	2400	2900	2.66	10.98	12.87	4.17
	22	16	10	10	-	3.41	2.68	1.95	1.95	-	2.2	10.0	11.7	490	2400	2900	2.66	10.98	12.87	4.17
	24	16	10	10	-	3.75	2.55	1.85	1.85	-	2.2	10.0	11.7	490	2400	2900	2.66	10.98	12.87	4.17
	13	13	13	10	-	2.63	2.63	2.63	2.11	-	2.2	10.0	11.7	490	2400	2900	2.66	10.98	12.87	4.17
	16	13	13	10	-	2.82	2.56	2.56	2.05	-	2.2	10.0	11.7	490	2400	2900	2.66	10.98	12.87	4.17
	22	13	13	10	-	3.33	2.38	2.38	1.90	-	2.2	10.0	11.7	490	2400	2900	2.66	10.98	12.87	4.17
	24	13	13	10	-	3.67	2.26	2.26	1.81	-	2.2	10.0	11.7	490	2400	2900	2.66	10.98	12.87	4.17
	16	16	13	10	-	2.75	2.75	2.50	2.00	-	2.2	10.0	11.7	490	2400	2900	2.66	10.98	12.87	4.17
	22	16	13	10	-	3.26	2.56	2.33	1.86	-	2.2	10.0	11.7	490	2400	2900	2.66	10.98	12.87	4.17
	24	16	13	10	-	3.58	2.43	2.21	1.77	-	2.2	10.0	11.7	490	2400	2900	2.66	10.98	12.87	4.17
	13	13	13	13	-	2.50	2.50	2.50	2.50	-	2.2	10.0	11.7	490	2400	2900	2.66	10.98	12.87	4.17
	16	13	13	13	-	2.68	2.44	2.44	2.44	-	2.2	10.0	11.7	490	2400	2900	2.66	10.98	12.87	4.17
	22	13	13	13	-	3.18	2.27	2.27	2.27	-	2.2	10.0	11.7	490	2400	2900	2.66	10.98	12.87	4.17
	24	13	13	13	-	3.51	2.16	2.16	2.16	-	2.2	10.0	11.7	490	2400	2900	2.66	10.98	12.87	4.17
	16	16	13	13	-	2.62	2.62	2.38	2.38	-	2.2	10.0	11.7	490	2400	2900	2.66	10.98	12.87	4.17
	22	16	13	13	-	3.11	2.44	2.22	2.22	-	2.2	10.0	11.7	490	2400	2900	2.66	10.98	12.87	4.17
	24	16	13	13	-	3.43	2.33	2.12	2.12	-	2.2	10.0	11.7	490	2400	2900	2.66	10.98	12.87	4.17

Heating, 230V

Operating status	Indoor unit					Unit capacity (kW)					Cooling capacity (kW)			Power input (W)			Operating current (A)			EER
	Unit A	Unit B	Unit C	Unit D	Unit E	Unit A	Unit B	Unit C	Unit D	Unit E	Min.	Rated	Max.	Min.	Rated	Max.	Min.	Rated	Max.	
5 units operation	07	07	07	07	07	2.28	2.28	2.28	2.28	2.28	2.7	11.4	13.4	508	2690	4020	2.76	12.31	17.83	4.24
	10	07	07	07	07	3.16	2.13	2.13	2.13	2.13	2.7	11.7	13.7	508	2762	4120	2.76	12.64	18.28	4.24
	13	07	07	07	07	3.70	2.00	2.00	2.00	2.00	2.7	11.7	13.7	508	2762	4120	2.76	12.64	18.28	4.24
	16	07	07	07	07	3.95	1.94	1.94	1.94	1.94	2.7	11.7	13.7	508	2762	4120	2.76	12.64	18.28	4.24
	10	10	07	07	07	2.91	2.91	1.96	1.96	1.96	2.7	11.7	13.7	508	2762	4120	2.76	12.64	18.28	4.24
	13	10	07	07	07	3.42	2.74	1.85	1.85	1.85	2.7	11.7	13.7	508	2762	4120	2.76	12.64	18.28	4.24
	16	10	07	07	07	3.66	2.66	1.79	1.79	1.79	2.7	11.7	13.7	508	2762	4120	2.76	12.64	18.28	4.24
	13	13	07	07	07	3.23	3.23	1.75	1.75	1.75	2.7	11.7	13.7	508	2762	4120	2.76	12.64	18.28	4.24
	16	13	07	07	07	3.46	3.15	1.70	1.70	1.70	2.7	11.7	13.7	508	2762	4120	2.76	12.64	18.28	4.24
	16	16	07	07	07	3.37	3.37	1.65	1.65	1.65	2.7	11.7	13.7	508	2762	4120	2.76	12.64	18.28	4.24
	10	10	07	07	07	2.69	2.69	2.69	1.82	1.82	2.7	11.7	13.7	508	2762	4120	2.76	12.64	18.28	4.24
	13	10	07	07	07	3.18	2.54	2.54	1.72	1.72	2.7	11.7	13.7	508	2762	4120	2.76	12.64	18.28	4.24
	13	13	10	07	07	3.02	3.02	2.41	1.63	1.63	2.7	11.7	13.7	508	2762	4120	2.76	12.64	18.28	4.24
	16	10	10	07	07	3.40	2.48	2.48	1.67	1.67	2.7	11.7	13.7	508	2762	4120	2.76	12.64	18.28	4.24
	13	13	13	07	07	2.87	2.87	2.87	1.55	1.55	2.7	11.7	13.7	508	2762	4120	2.76	12.64	18.28	4.24
	16	13	13	07	07	3.08	2.80	2.80	1.51	1.51	2.7	11.7	13.7	508	2762	4120	2.76	12.64	18.28	4.24
	16	16	10	07	07	3.15	3.15	2.29	1.55	1.55	2.7	11.7	13.7	508	2762	4120	2.76	12.64	18.28	4.24
	16	16	13	07	07	3.01	3.01	2.73	1.48	1.48	2.7	11.7	13.7	508	2762	4120	2.76	12.64	18.28	4.24
	10	10	10	10	07	2.50	2.50	2.50	2.50	1.69	2.7	11.7	13.7	508	2762	4120	2.76	12.64	18.28	4.24
	13	10	10	10	07	2.97	2.38	2.38	2.38	1.60	2.7	11.7	13.7	508	2762	4120	2.76	12.64	18.28	4.24
	16	10	10	10	07	3.19	2.32	2.32	2.32	1.56	2.7	11.7	13.7	508	2762	4120	2.76	12.64	18.28	4.24
	13	13	10	10	07	2.83	2.83	2.26	2.26	1.53	2.7	11.7	13.7	508	2762	4120	2.76	12.64	18.28	4.24
	16	13	10	10	07	3.04	2.76	2.21	2.21	1.49	2.7	11.7	13.7	508	2762	4120	2.76	12.64	18.28	4.24
	16	16	10	10	07	2.97	2.97	2.16	2.16	1.46	2.7	11.7	13.7	508	2762	4120	2.76	12.64	18.28	4.24
	13	13	13	10	07	2.70	2.70	2.70	2.16	1.46	2.7	11.7	13.7	508	2762	4120	2.76	12.64	18.28	4.24
	16	13	13	10	07	2.90	2.64	2.64	2.11	1.42	2.7	11.7	13.7	508	2762	4120	2.76	12.64	18.28	4.24
	16	16	13	10	07	2.83	2.83	2.58	2.06	1.39	2.7	11.7	13.7	508	2762	4120	2.76	12.64	18.28	4.24
	13	13	13	13	07	2.58	2.58	2.58	2.58	1.39	2.7	11.7	13.7	508	2762	4120	2.76	12.64	18.28	4.24
	16	13	13	13	07	2.77	2.52	2.52	2.52	1.36	2.7	11.7	13.7	508	2762	4120	2.76	12.64	18.28	4.24
	16	16	13	13	07	2.72	2.72	2.47	2.47	1.33	2.7	11.7	13.7	508	2762	4120	2.76	12.64	18.28	4.24
	10	10	10	10	10	2.34	2.34	2.34	2.34	2.34	2.7	11.7	13.7	508	2762	4120	2.76	12.64	18.28	4.24
	13	10	10	10	10	2.79	2.23	2.23	2.23	2.23	2.7	11.7	13.7	508	2762	4120	2.76	12.64	18.28	4.24
	16	10	10	10	10	2.99	2.18	2.18	2.18	2.18	2.7	11.7	13.7	508	2762	4120	2.76	12.64	18.28	4.24
	13	13	10	10	10	2.66	2.66	2.13	2.13	2.13	2.7	11.7	13.7	508	2762	4120	2.76	12.64	18.28	4.24
	16	13	10	10	10	2.86	2.60	2.08	2.08	2.08	2.7	11.7	13.7	508	2762	4120	2.76	12.64	18.28	4.24
	16	16	10	10	10	2.80	2.80	2.03	2.03	2.03	2.7	11.7	13.7	508	2762	4120	2.76	12.64	18.28	4.24
	13	13	13	10	10	2.54	2.54	2.54	2.03	2.03	2.7	11.7	13.7	508	2762	4120	2.76	12.64	18.28	4.24
	16	13	13	10	10	2.74	2.49	2.49	1.99	1.99	2.7	11.7	13.7	508	2762	4120	2.76	12.64	18.28	4.24
	16	16	13	10	10	2.75	2.75	2.50	2.00	2.00	2.7	12.0	14.0	508	2833	4200	2.76	12.97	18.63	4.24
	13	13	13	13	10	2.44	2.44	2.44	2.44	1.95	2.7	11.7	13.7	508	2762	4120	2.76	12.64	18.28	4.24
	16	13	13	13	10	2.69	2.45	2.45	2.45	1.96	2.7	12.0	14.0	508	2833	4200	2.76	12.97	18.63	4.24
	16	16	13	13	10	2.64	2.64	2.40	2.40	1.92	2.7	12.0	14.0	508	2833	4200	2.76	12.97	18.63	4.24
	13	13	13	13	13	2.40	2.40	2.40	2.40	2.40	2.7	12.0	14.0	508	2833	4200	2.76	12.97	18.63	4.24
	16	13	13	13	13	2.59	2.35	2.35	2.35	2.35	2.7	12.0	14.0	508	2833	4200	2.76	12.97	18.63	4.24
	22	07	07	07	07	4.60	1.77	1.77	1.77	1.77	2.46	11.7	14.0	487	2762	4200	2.76	12.97	18.63	4.24

Heating, 230V

Operating status	Indoor unit					Unit capacity (kW)					Cooling capacity (kW)			Power input (W)			Operating current (A)			EER
	Unit A	Unit B	Unit C	Unit D	Unit E	Unit A	Unit B	Unit C	Unit D	Unit E	Min.	Rated	Max.	Min.	Rated	Max.	Min.	Rated	Max.	Rated
5 units operation	22	10	07	07	07	4.29	2.45	1.65	1.65	1.65	2.46	11.7	14.0	487	2762	4200	2.76	12.97	18.63	4.24
	22	10	10	07	07	4.01	2.29	2.29	1.55	1.55	2.46	11.7	14.0	487	2762	4200	2.76	12.97	18.63	4.24
	22	10	10	10	07	3.77	2.16	2.16	2.16	1.46	2.46	11.7	14.0	487	2762	4200	2.76	12.97	18.63	4.24
	22	10	10	10	10	3.56	2.03	2.03	2.03	2.03	2.46	11.7	14.0	487	2762	4200	2.76	12.97	18.63	4.24
	22	13	07	07	07	4.07	2.91	1.57	1.57	1.57	2.46	11.7	14.0	487	2762	4200	2.76	12.97	18.63	4.24
	22	13	10	07	07	3.83	2.73	2.19	1.48	1.48	2.46	11.7	14.0	487	2762	4200	2.76	12.97	18.63	4.24
	22	13	10	10	07	3.61	2.58	2.06	2.06	1.39	2.46	11.7	14.0	487	2762	4200	2.76	12.97	18.63	4.24
	22	13	10	10	10	3.50	2.50	2.00	2.00	2.00	2.46	12.0	14.0	487	2833	4200	2.76	12.97	18.63	4.24
	22	13	13	07	07	3.66	2.61	2.61	1.41	1.41	2.46	11.7	14.0	487	2762	4200	2.76	12.97	18.63	4.24
	22	13	13	10	07	3.54	2.53	2.53	2.03	1.37	2.46	12.0	14.0	487	2833	4200	2.76	12.97	18.63	4.24
	22	13	13	10	10	3.36	2.40	2.40	1.92	1.92	2.46	12.0	14.0	487	2833	4200	2.76	12.97	18.63	4.24
	22	13	13	13	07	3.40	2.43	2.43	2.43	1.31	2.46	12.0	14.0	487	2833	4200	2.76	12.97	18.63	4.24
	24	07	07	07	07	5.01	1.67	1.67	1.67	1.67	2.46	11.7	14.0	487	2762	4200	2.76	12.97	18.63	4.24
	24	10	07	07	07	4.69	2.32	1.56	1.56	1.56	2.46	11.7	14.0	487	2762	4200	2.76	12.97	18.63	4.24
	24	10	10	07	07	4.41	2.18	2.18	1.47	1.47	2.46	11.7	14.0	487	2762	4200	2.76	12.97	18.63	4.24
	24	10	10	10	07	4.16	2.05	2.05	2.05	1.39	2.46	11.7	14.0	487	2762	4200	2.76	12.97	18.63	4.24
	24	10	10	10	10	3.93	1.94	1.94	1.94	1.94	2.46	11.7	14.0	487	2762	4200	2.76	12.97	18.63	4.24
	24	13	07	07	07	4.47	2.76	1.49	1.49	1.49	2.46	11.7	14.0	487	2762	4200	2.76	12.97	18.63	4.24
	24	13	10	07	07	4.21	2.60	2.08	1.40	1.40	2.46	11.7	14.0	487	2762	4200	2.76	12.97	18.63	4.24
	24	13	10	10	07	3.98	2.46	1.97	1.97	1.33	2.46	11.7	14.0	487	2762	4200	2.76	12.97	18.63	4.24
	24	13	10	10	10	3.87	2.39	1.91	1.91	1.91	2.46	12.0	14.0	487	2833	4200	2.76	12.97	18.63	4.24
	24	13	13	07	07	4.03	2.49	2.49	1.34	1.34	2.46	11.7	14.0	487	2762	4200	2.76	12.97	18.63	4.24
	24	13	13	10	07	3.92	2.42	2.42	1.94	1.31	2.46	12.0	14.0	487	2833	4200	2.76	12.97	18.63	4.24

Heating, 240V

Operating status	Indoor unit					Unit capacity (kW)					Cooling capacity (kW)			Power input (W)			Operating current (A)			EER
	Unit A	Unit B	Unit C	Unit D	Unit E	Unit A	Unit B	Unit C	Unit D	Unit E	Min.	Rated	Max.	Min.	Rated	Max.	Min.	Rated	Max.	Rated
1 unit operation	07	-	-	-	-	2.70	-	-	-	-	0.8	2.7	4.8	300	900	1980	1.71	4.31	8.42	3.00
	10	-	-	-	-	4.00	-	-	-	-	0.8	4.0	5.2	300	1450	1980	1.71	6.36	8.42	2.76
	13	-	-	-	-	5.00	-	-	-	-	0.8	5.0	6.5	310	2050	2750	1.77	8.99	11.69	2.44
	16	-	-	-	-	5.50	-	-	-	-	0.8	5.5	6.9	310	2400	3000	1.77	10.53	12.76	2.29
	22	-	-	-	-	7.00	-	-	-	-	1.8	7.0	8.2	330	2700	3600	1.88	11.72	15.31	2.59
	24	-	-	-	-	8.10	-	-	-	-	1.8	8.1	8.6	330	3300	3700	1.88	14.32	15.73	2.45
2 units operation	07	07	-	-	-	2.70	2.70	-	-	-	1.5	5.4	7.4	320	2050	3200	1.78	8.99	13.61	2.63
	10	07	-	-	-	4.00	2.70	-	-	-	1.5	6.7	8.9	320	2080	3200	1.78	9.12	13.61	3.22
	13	07	-	-	-	4.81	2.59	-	-	-	1.5	7.4	10.1	320	2320	3210	1.78	10.18	13.65	3.19
	16	07	-	-	-	5.10	2.50	-	-	-	1.5	7.6	10.1	320	2480	3230	1.78	10.88	13.73	3.06
	22	07	-	-	-	5.70	2.20	-	-	-	1.5	7.9	10.1	320	2480	3230	1.78	10.88	13.73	3.19
	24	07	-	-	-	6.23	2.08	-	-	-	1.5	8.3	10.2	320	2700	3240	1.78	11.84	13.78	3.07
	10	10	-	-	-	3.60	3.60	-	-	-	1.5	7.2	10.0	320	2100	3200	1.78	9.21	13.61	3.43
	13	10	-	-	-	4.22	3.38	-	-	-	1.5	7.6	10.1	320	2320	3210	1.78	10.18	13.65	3.28
	16	10	-	-	-	4.57	3.33	-	-	-	1.5	7.9	10.1	320	2480	3230	1.78	10.88	13.73	3.19
	22	10	-	-	-	5.28	3.02	-	-	-	1.5	8.3	10.2	320	2700	320	1.78	11.84	13.78	3.07
	24	10	-	-	-	5.76	2.84	-	-	-	1.5	8.6	10.2	320	2860	3250	1.78	12.54	13.82	3.01
	22	22	-	-	-	4.50	4.50	-	-	-	1.5	9.0	10.6	320	2200	2590	1.78	9.55	11.01	4.09

Heating, 240V

Operating status	Indoor unit					Unit capacity (kW)					Cooling capacity (kW)			Power input (W)			Operating current (A)			EER
	Unit A	Unit B	Unit C	Unit D	Unit E	Unit A	Unit B	Unit C	Unit D	Unit E	Min.	Rated	Max.	Min.	Rated	Max.	Min.	Rated	Max.	
2 units operation	22	22	-	-	-	4.50	4.50	-	-	-	1.5	9.0	10.6	320	2200	2590	1.78	9.55	11.01	4.09
	22	24	-	-	-	4.17	4.83	-	-	-	1.5	9.0	10.6	320	2200	2590	1.78	9.55	11.01	4.09
	24	24	-	-	-	4.55	4.55	-	-	-	1.5	9.1	10.7	320	2200	2610	1.78	9.64	11.10	4.10
3 units operation	07	07	07	-	-	2.70	2.70	2.70	-	-	2.0	8.1	10.4	380	2290	2750	1.98	10.04	11.69	3.54
	10	07	07	-	-	3.53	2.38	2.38	-	-	2.0	8.3	10.4	380	2300	2750	1.98	10.09	11.69	3.61
	13	07	07	-	-	4.13	2.23	2.23	-	-	2.0	8.6	10.4	380	2300	2750	1.98	10.09	11.69	3.74
	16	07	07	-	-	4.39	2.16	2.16	-	-	2.0	8.7	10.5	380	2350	2760	1.98	10.31	11.73	3.70
	22	07	07	-	-	4.91	1.89	1.89	-	-	2.0	8.7	10.5	380	2350	2760	1.98	10.31	11.73	3.70
	24	07	07	-	-	5.22	1.74	1.74	-	-	2.0	8.7	10.5	380	2350	2760	1.98	10.31	11.73	3.70
	10	10	07	-	-	3.18	3.18	2.14	-	-	2.0	8.5	10.4	380	2300	2750	1.98	10.09	11.69	3.70
	13	10	07	-	-	3.72	2.97	2.01	-	-	2.0	8.7	10.5	380	2350	2760	1.98	10.31	11.73	3.70
	16	10	07	-	-	3.92	2.85	1.93	-	-	2.0	8.7	10.5	380	2350	2760	1.98	10.31	11.73	3.70
	22	10	07	-	-	4.50	2.57	1.73	-	-	2.0	8.8	10.6	380	2400	2780	1.98	10.53	11.82	3.67
	24	10	07	-	-	4.82	2.38	1.61	-	-	2.0	8.8	10.6	380	2400	2780	1.98	10.53	11.82	3.67
	13	13	07	-	-	3.43	3.43	1.85	-	-	2.0	8.7	10.5	380	2350	2760	1.98	10.31	11.73	3.70
	16	13	07	-	-	3.67	3.33	1.80	-	-	2.0	8.8	10.6	380	2400	2780	1.98	10.53	11.82	3.67
	22	13	07	-	-	4.24	3.03	1.63	-	-	2.0	8.9	10.7	380	2450	2790	1.98	10.75	11.86	3.63
	24	13	07	-	-	4.56	2.82	1.52	-	-	2.0	8.9	10.7	380	2450	2790	1.98	10.75	11.86	3.63
	16	16	07	-	-	3.57	3.57	1.75	-	-	2.0	8.9	10.7	380	2450	2790	1.98	10.75	11.86	3.63
	22	16	07	-	-	4.10	3.22	1.58	-	-	2.0	8.9	10.7	380	2450	2790	1.98	10.75	11.86	3.63
	24	16	07	-	-	4.42	3.00	1.47	-	-	2.0	8.9	10.7	380	2450	2790	1.98	10.75	11.86	3.63
	10	10	10	-	-	2.87	2.87	2.87	-	-	2.0	8.6	10.4	380	2300	2750	1.98	10.09	11.69	3.74
	13	10	10	-	-	3.35	2.68	2.68	-	-	2.0	8.7	10.5	380	2350	2760	1.98	10.31	11.73	3.70
	16	10	10	-	-	3.54	2.58	2.58	-	-	2.0	8.7	10.5	380	2350	2760	1.98	10.31	11.73	3.70
	22	10	10	-	-	4.15	2.37	2.37	-	-	2.0	8.9	10.7	380	2450	2790	1.98	10.75	11.86	3.63
	24	10	10	-	-	4.48	2.21	2.21	-	-	2.0	8.9	10.7	380	2450	2790	1.98	10.75	11.86	3.63
	13	13	10	-	-	3.11	3.11	2.49	-	-	2.0	8.7	10.5	380	2350	2760	1.98	10.31	11.73	3.70
	16	13	10	-	-	3.34	3.03	2.43	-	-	2.0	8.8	10.6	380	2400	2780	1.98	10.53	11.82	3.67
	22	13	10	-	-	3.89	2.78	2.23	-	-	2.0	8.9	10.7	380	2450	2790	1.98	10.75	11.86	3.63
	24	13	10	-	-	4.22	2.60	2.08	-	-	2.0	8.9	10.7	380	2450	2790	1.98	10.75	11.86	3.63
	16	16	10	-	-	3.26	3.26	2.37	-	-	2.0	8.9	10.7	380	2450	2790	1.98	10.75	11.86	3.63
	22	16	10	-	-	3.78	2.97	2.18	-	-	2.0	8.9	10.7	380	2450	2790	1.98	10.75	11.86	3.63
	24	16	10	-	-	4.10	2.78	2.02	-	-	2.0	8.9	10.7	380	2450	2790	1.98	10.75	11.86	3.63
	13	13	13	-	-	2.93	2.93	2.93	-	-	2.0	8.8	10.6	380	2400	2780	1.98	10.53	11.82	3.67
	16	13	13	-	-	3.16	2.87	2.87	-	-	2.0	8.9	10.7	380	2450	2790	1.98	10.75	11.86	3.63
	22	13	13	-	-	3.66	2.62	2.62	-	-	2.0	8.9	10.7	380	2450	2790	1.98	10.75	11.86	3.63
	24	13	13	-	-	3.98	2.46	2.46	-	-	2.0	8.9	10.7	380	2450	2790	1.98	10.75	11.86	3.63
	16	16	13	-	-	3.06	3.06	2.78	-	-	2.0	8.9	10.7	380	2450	2790	1.98	10.75	11.86	3.63
	16	16	16	-	-	2.97	2.97	2.97	-	-	2.0	8.9	10.7	380	2450	2790	1.98	10.75	11.86	3.63
	22	16	13	-	-	3.56	2.80	2.54	-	-	2.0	8.9	10.7	380	2450	2790	1.98	10.75	11.86	3.63
	24	16	13	-	-	3.88	2.63	2.39	-	-	2.0	8.9	10.7	380	2450	2790	1.98	10.75	11.86	3.63
	22	22	07	-	-	3.86	3.86	1.49	-	-	2.0	9.2	11.0	380	2250	2590	1.98	9.77	11.01	4.09
	22	22	10	-	-	3.62	3.62	2.07	-	-	2.0	9.3	11.1	380	2270	2610	1.98	9.85	11.10	4.10
	24	22	07	-	-	4.23	3.66	1.41	-	-	2.0	9.3	11.1	380	2270	2610	1.98	9.85	11.10	4.10
	24	22	10	-	-	3.99	3.45	1.97	-	-	2.0	9.4	11.2	380	2290	2630	1.98	9.94	11.18	4.10

Heating, 240V

Operating status	Indoor unit					Unit capacity (kW)					Cooling capacity (kW)			Power input (W)			Operating current (A)			EER
	Unit A	Unit B	Unit C	Unit D	Unit E	Unit A	Unit B	Unit C	Unit D	Unit E	Min.	Rated	Max.	Min.	Rated	Max.	Min.	Rated	Max.	
3 units operation	24	24	07	-	-	4.03	4.03	1.34	-	-	2.0	9.4	11.2	380	2290	2630	1.98	9.94	11.18	4.10
	24	24	10	-	-	3.77	3.77	1.86	-	-	2.0	9.4	11.2	380	2290	2630	1.98	9.94	11.18	4.10
4 units operation	07	07	07	07	-	2.33	2.33	2.33	2.33	-	2.2	9.3	11.5	450	2330	2850	2.34	10.22	12.12	3.99
	10	07	07	07	-	3.11	2.10	2.10	2.10	-	2.2	9.4	11.5	460	2340	2850	2.40	10.26	12.12	4.02
	13	07	07	07	-	3.66	1.98	1.98	1.98	-	2.2	9.6	11.6	470	2360	2860	2.45	10.35	12.16	4.07
	16	07	07	07	-	3.92	1.93	1.93	1.93	-	2.2	9.7	11.6	470	2370	2880	2.45	10.39	12.24	4.09
	22	07	07	07	-	4.64	1.79	1.79	1.79	-	2.2	10.0	11.7	490	2400	2900	2.55	10.53	12.33	4.17
	24	07	07	07	-	5.00	1.67	1.67	1.67	-	2.2	10.0	11.7	490	2400	2900	2.55	10.53	12.33	4.17
	10	10	07	07	-	2.84	2.84	1.91	1.91	-	2.2	9.5	11.5	460	2350	2850	2.40	10.31	12.12	4.04
	13	10	07	07	-	3.37	2.69	1.82	1.82	-	2.2	9.7	11.6	470	2370	2880	2.45	10.39	12.24	4.09
	16	10	07	07	-	3.62	2.63	1.78	1.78	-	2.2	9.8	11.6	480	2380	2880	2.50	10.44	12.24	4.12
	22	10	07	07	-	4.27	2.44	1.65	1.65	-	2.2	10.0	11.7	490	2400	2900	2.55	10.53	12.33	4.17
	24	10	07	07	-	4.63	2.29	1.54	1.54	-	2.2	10.0	11.7	490	2400	2900	2.55	10.53	12.33	4.17
	13	13	07	07	-	3.21	3.21	1.74	1.74	-	2.2	9.9	11.7	480	2390	2900	2.50	10.48	12.33	4.14
	16	13	07	07	-	3.46	3.14	1.70	1.70	-	2.2	10.0	11.7	490	2400	2900	2.55	10.53	12.33	4.17
	22	13	07	07	-	4.02	2.87	1.55	1.55	-	2.2	10.0	11.7	490	2400	2900	2.55	10.53	12.33	4.17
	24	13	07	07	-	4.38	2.70	1.46	1.46	-	2.2	10.0	11.7	490	2400	2900	2.55	10.53	12.33	4.17
	16	16	07	07	-	3.35	3.35	1.65	1.65	-	2.2	10.0	11.7	490	2400	2900	2.55	10.53	12.33	4.17
	22	16	07	07	-	3.91	3.07	1.51	1.51	-	2.2	10.0	11.7	490	2400	2900	2.55	10.53	12.33	4.17
	24	16	07	07	-	4.26	2.89	1.42	1.42	-	2.2	10.0	11.7	490	2400	2900	2.55	10.53	12.33	4.17
	10	10	10	07	-	2.61	2.61	2.61	1.76	-	2.2	9.6	11.6	470	2360	2860	2.45	10.35	12.24	4.07
	13	10	10	07	-	3.12	2.50	2.50	1.69	-	2.2	9.8	11.6	480	2380	2880	2.50	10.44	12.24	4.12
	16	10	10	07	-	3.36	2.44	2.44	1.65	-	2.2	9.9	11.7	480	2390	2900	2.50	10.48	12.33	4.14
	22	10	10	07	-	3.95	2.26	2.26	1.53	-	2.2	10.0	11.7	490	2400	2900	2.55	10.53	12.33	4.17
	24	10	10	07	-	4.31	2.13	2.13	1.44	-	2.2	10.0	11.7	490	2400	2900	2.55	10.53	12.33	4.17
	13	13	10	07	-	2.99	2.99	2.40	1.62	-	2.2	10.0	11.7	490	2400	2900	2.55	10.53	12.33	4.17
	16	13	10	07	-	3.20	2.91	2.33	1.57	-	2.2	10.0	11.7	490	2400	2900	2.55	10.53	12.33	4.17
	22	13	10	07	-	3.74	2.67	2.14	1.44	-	2.2	10.0	11.7	490	2400	2900	2.55	10.53	12.33	4.17
	24	13	10	07	-	4.09	2.53	2.02	1.36	-	2.2	10.0	11.7	490	2400	2900	2.55	10.53	12.33	4.17
	16	16	10	07	-	3.11	3.11	2.26	1.53	-	2.2	10.0	11.7	490	2400	2900	2.55	10.53	12.33	4.17
	22	16	10	07	-	3.65	2.86	2.08	1.41	-	2.2	10.0	11.7	490	2400	2900	2.55	10.53	12.33	4.17
	24	16	10	07	-	3.99	2.71	1.97	1.33	-	2.2	10.0	11.7	490	2400	2900	2.55	10.53	12.33	4.17
	13	13	13	07	-	2.82	2.82	2.82	1.53	-	2.2	10.0	11.7	490	2400	2900	2.55	10.53	12.33	4.17
	16	13	13	07	-	3.02	2.75	2.75	1.48	-	2.2	10.0	11.7	490	2400	2900	2.55	10.53	12.33	4.17
	22	13	13	07	-	3.55	2.54	2.54	1.37	-	2.2	10.0	11.7	490	2400	2900	2.55	10.53	12.33	4.17
	24	13	13	07	-	3.89	2.40	2.40	1.30	-	2.2	10.0	11.7	490	2400	2900	2.55	10.53	12.33	4.17
	16	16	13	07	-	2.94	2.94	2.67	1.44	-	2.2	10.0	11.7	490	2400	2900	2.55	10.53	12.33	4.17
	22	16	13	07	-	3.47	2.72	2.48	1.34	-	2.2	10.0	11.7	490	2400	2900	2.55	10.53	12.33	4.17
	24	16	13	07	-	3.80	2.58	2.35	1.27	-	2.2	10.0	11.7	490	2400	2900	2.55	10.53	12.33	4.17
	10	10	10	10	-	2.43	2.43	2.43	2.43	-	2.2	10.0	11.7	490	2400	2900	2.45	10.39	11.82	4.09
	13	10	10	10	-	2.91	2.33	2.33	2.33	-	2.2	9.7	11.6	470	2370	2780	2.50	10.48	12.33	4.14
	16	10	10	10	-	3.14	2.29	2.29	2.29	-	2.2	9.9	11.7	480	2390	2900	2.55	10.53	12.33	4.17
	22	10	10	10	-	3.68	2.11	2.11	2.11	-	2.2	10.0	11.7	490	2400	2900	2.55	10.53	12.33	4.17
	24	10	10	10	-	4.03	1.99	1.99	1.99	-	2.2	10.0	11.7	490	2400	2900	2.55	10.53	12.33	4.17
	13	13	10	10	-	2.78	2.78	2.22	2.22	-	2.2	10.0	11.7	490	2400	2900	2.55	10.53	12.33	4.17

Heating, 240V

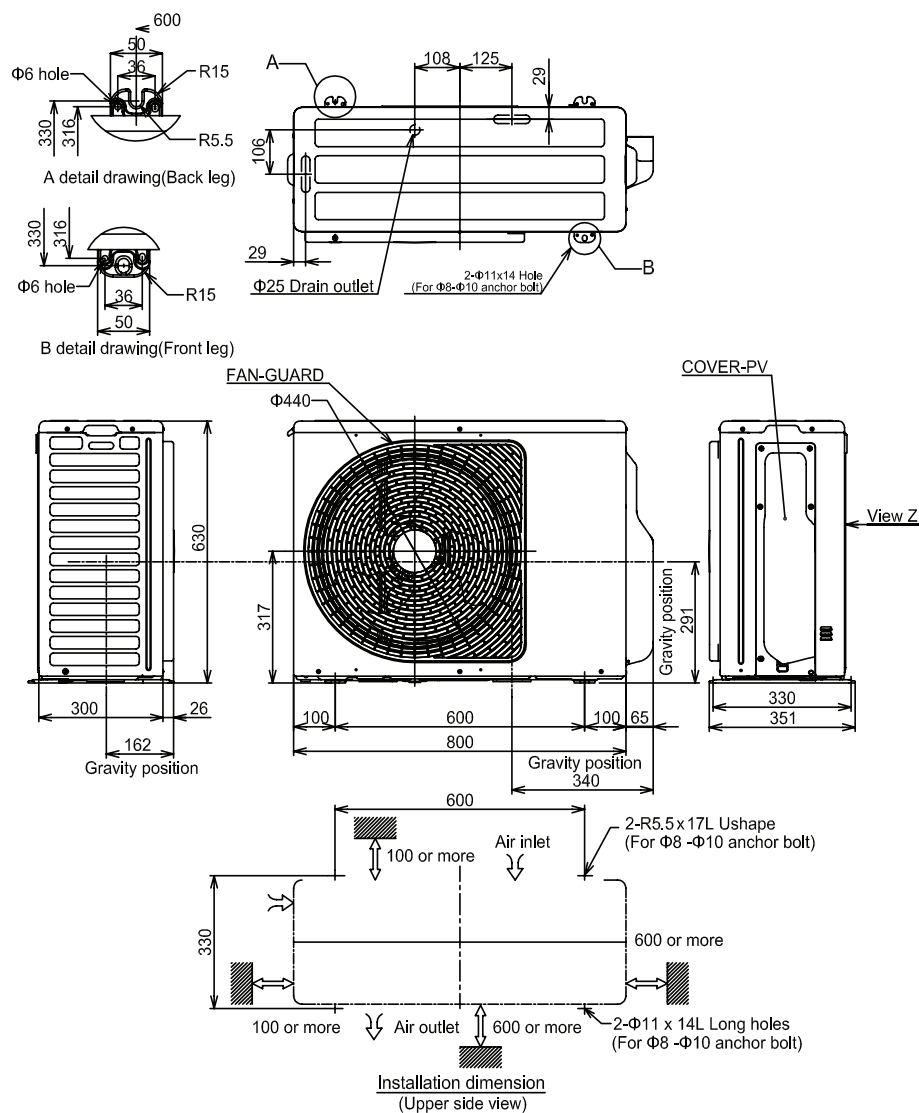
Operating status	Indoor unit					Unit capacity (kW)					Cooling capacity (kW)			Power input (W)			Operating current (A)			EER
	Unit A	Unit B	Unit C	Unit D	Unit E	Unit A	Unit B	Unit C	Unit D	Unit E	Min.	Rated	Max.	Min.	Rated	Max.	Min.	Rated	Max.	
4 units operation	16	13	10	10	-	2.97	2.70	2.16	2.16	-	2.2	10.0	11.7	490	2400	2900	2.55	10.53	12.33	4.17
	22	13	10	10	-	3.50	2.50	2.00	2.00	-	2.2	10.0	11.7	490	2400	2900	2.55	10.53	12.33	4.17
	24	13	10	10	-	3.84	2.37	1.90	1.90	-	2.2	10.0	11.7	490	2400	2900	2.55	10.53	12.33	4.17
	16	16	10	10	-	2.89	2.89	2.11	2.11	-	2.2	10.0	11.7	490	2400	2900	2.55	10.53	12.33	4.17
	22	16	10	10	-	3.41	2.68	1.95	1.95	-	2.2	10.0	11.7	490	2400	2900	2.55	10.53	12.33	4.17
	24	16	10	10	-	3.75	2.55	1.85	1.85	-	2.2	10.0	11.7	490	2400	2900	2.55	10.53	12.33	4.17
	13	13	13	10	-	2.63	2.63	2.63	2.11	-	2.2	10.0	11.7	490	2400	2900	2.55	10.53	12.33	4.17
	16	13	13	10	-	2.82	2.56	2.56	2.05	-	2.2	10.0	11.7	490	2400	2900	2.55	10.53	12.33	4.17
	22	13	13	10	-	3.33	2.38	2.38	1.90	-	2.2	10.0	11.7	490	2400	2900	2.55	10.53	12.33	4.17
	24	13	13	10	-	3.67	2.26	2.26	1.81	-	2.2	10.0	11.7	490	2400	2900	2.55	10.53	12.33	4.17
	16	16	13	10	-	2.75	2.75	2.50	2.00	-	2.2	10.0	11.7	490	2400	2900	2.55	10.53	12.33	4.17
	22	16	13	10	-	3.26	2.56	2.33	1.86	-	2.2	10.0	11.7	490	2400	2900	2.55	10.53	12.33	4.17
	24	16	13	10	-	3.58	2.43	2.21	1.77	-	2.2	10.0	11.7	490	2400	2900	2.55	10.53	12.33	4.17
	13	13	13	13	-	2.50	2.50	2.50	2.50	-	2.2	10.0	11.7	490	2400	2900	2.55	10.53	12.33	4.17
	16	13	13	13	-	2.68	2.44	2.44	2.44	-	2.2	10.0	11.7	490	2400	2900	2.55	10.53	12.33	4.17
	22	13	13	13	-	3.18	2.27	2.27	2.27	-	2.2	10.0	11.7	490	2400	2900	2.55	10.53	12.33	4.17
	24	13	13	13	-	3.51	2.16	2.16	2.16	-	2.2	10.0	11.7	490	2400	2900	2.55	10.53	12.33	4.17
	16	16	13	13	-	2.62	2.62	2.38	2.38	-	2.2	10.0	11.7	490	2400	2900	2.55	10.53	12.33	4.17
	22	16	13	13	-	3.11	2.44	2.22	2.22	-	2.2	10.0	11.7	490	2400	2900	2.55	10.53	12.33	4.17
	24	16	13	13	-	3.43	2.33	2.12	2.12	-	2.2	10.0	11.7	490	2400	2900	2.55	10.53	12.33	4.17
5 units operation	07	07	07	07	07	2.28	2.28	2.28	2.28	2.28	2.7	11.4	13.4	508	2690	4020	2.65	11.80	17.09	4.24
	10	07	07	07	07	3.16	2.13	2.13	2.13	2.13	2.7	11.7	13.7	508	2762	4120	2.65	12.11	17.52	4.24
	13	07	07	07	07	3.70	2.00	2.00	2.00	2.00	2.7	11.7	13.7	508	2762	4120	2.65	12.11	17.52	4.24
	16	07	07	07	07	3.95	1.94	1.94	1.94	1.94	2.7	11.7	13.7	508	2762	4120	2.65	12.11	17.52	4.24
	10	10	07	07	07	2.91	2.91	1.96	1.96	1.96	2.7	11.7	13.7	508	2762	4120	2.65	12.11	17.52	4.24
	13	10	07	07	07	3.42	2.74	1.85	1.85	1.85	2.7	11.7	13.7	508	2762	4120	2.65	12.11	17.52	4.24
	16	10	07	07	07	3.66	2.66	1.79	1.79	1.79	2.7	11.7	13.7	508	2762	4120	2.65	12.11	17.52	4.24
	13	13	07	07	07	3.23	3.23	1.75	1.75	1.75	2.7	11.7	13.7	508	2762	4120	2.65	12.11	17.52	4.24
	16	13	07	07	07	3.46	3.15	1.70	1.70	1.70	2.7	11.7	13.7	508	2762	4120	2.65	12.11	17.52	4.24
	16	16	07	07	07	3.37	3.37	1.65	1.65	1.65	2.7	11.7	13.7	508	2762	4120	2.65	12.11	17.52	4.24
	10	10	07	07	07	2.69	2.69	2.69	1.82	1.82	2.7	11.7	13.7	508	2762	4120	2.65	12.11	17.52	4.24
	13	10	07	07	07	3.18	2.54	2.54	1.72	1.72	2.7	11.7	13.7	508	2762	4120	2.65	12.11	17.52	4.24
	13	13	10	07	07	3.02	3.02	2.41	1.63	1.63	2.7	11.7	13.7	508	2762	4120	2.65	12.11	17.52	4.24
	16	10	10	07	07	3.40	2.48	2.48	1.67	1.67	2.7	11.7	13.7	508	2762	4120	2.65	12.11	17.52	4.24
	13	13	13	07	07	2.87	2.87	2.87	1.55	1.55	2.7	11.7	13.7	508	2762	4120	2.65	12.11	17.52	4.24
	16	13	13	07	07	3.08	2.80	2.80	1.51	1.51	2.7	11.7	13.7	508	2762	4120	2.65	12.11	17.52	4.24
	16	16	10	07	07	3.15	3.15	2.29	1.55	1.55	2.7	11.7	13.7	508	2762	4120	2.65	12.11	17.52	4.24
	16	16	13	07	07	3.01	3.01	2.73	1.48	1.48	2.7	11.7	13.7	508	2762	4120	2.65	12.11	17.52	4.24
	10	10	10	10	07	2.50	2.50	2.50	2.50	1.69	2.7	11.7	13.7	508	2762	4120	2.65	12.11	17.52	4.24
	13	10	10	10	07	2.97	2.38	2.38	2.38	1.60	2.7	11.7	13.7	508	2762	4120	2.65	12.11	17.52	4.24
	16	10	10	10	07	3.19	2.32	2.32	2.32	1.56	2.7	11.7	13.7	508	2762	4120	2.65	12.11	17.52	4.24
	13	13	10	10	07	2.83	2.83	2.26	2.26	1.53	2.7	11.7	13.7	508	2762	4120	2.65	12.11	17.52	4.24
	16	13	10	10	07	3.04	2.76	2.21	2.21	1.49	2.7	11.7	13.7	508	2762	4120	2.65	12.11	17.52	4.24
	16	16	10	10	07	2.97	2.97	2.16	2.16	1.46	2.7	11.7	13.7	508	2762	4120	2.65	12.11	17.52	4.24
	13	13	13	10	07	2.70	2.70	2.70	2.16	1.46	2.7	11.7	13.7	508	2762	4120	2.65	12.11	17.52	4.24

Heating, 240V

Operating status	Indoor unit					Unit capacity (kW)					Cooling capacity (kW)			Power input (W)			Operating current (A)			EER
	Unit A	Unit B	Unit C	Unit D	Unit E	Unit A	Unit B	Unit C	Unit D	Unit E	Min.	Rated	Max.	Min.	Rated	Max.	Min.	Rated	Max.	
5 units operation	16	13	13	10	07	2.90	2.64	2.64	2.11	1.42	2.7	11.7	13.7	508	2762	4120	2.65	12.11	17.52	4.24
	16	16	13	10	07	2.83	2.83	2.58	2.06	1.39	2.7	11.7	13.7	508	2762	4120	2.65	12.11	17.52	4.24
	13	13	13	13	07	2.58	2.58	2.58	2.58	1.39	2.7	11.7	13.7	508	2762	4120	2.65	12.11	17.52	4.24
	16	13	13	13	07	2.77	2.52	2.52	2.52	1.36	2.7	11.7	13.7	508	2762	4120	2.65	12.11	17.52	4.24
	16	16	13	13	07	2.72	2.72	2.47	2.47	1.33	2.7	11.7	13.7	508	2762	4120	2.65	12.11	17.52	4.24
	10	10	10	10	10	2.34	2.34	2.34	2.34	2.34	2.7	11.7	13.7	508	2762	4120	2.65	12.11	17.52	4.24
	13	10	10	10	10	2.79	2.23	2.23	2.23	2.23	2.7	11.7	13.7	508	2762	4120	2.65	12.11	17.52	4.24
	16	10	10	10	10	2.99	2.18	2.18	2.18	2.18	2.7	11.7	13.7	508	2762	4120	2.65	12.11	17.52	4.24
	13	13	10	10	10	2.66	2.66	2.13	2.13	2.13	2.7	11.7	13.7	508	2762	4120	2.65	12.11	17.52	4.24
	16	13	10	10	10	2.86	2.60	2.08	2.08	2.08	2.7	11.7	13.7	508	2762	4120	2.65	12.11	17.52	4.24
	16	16	10	10	10	2.80	2.80	2.03	2.03	2.03	2.7	11.7	13.7	508	2762	4120	2.65	12.11	17.52	4.24
	13	13	13	10	10	2.54	2.54	2.54	2.03	2.03	2.7	11.7	13.7	508	2762	4120	2.65	12.11	17.52	4.24
	16	13	13	10	10	2.74	2.49	2.49	1.99	1.99	2.7	11.7	13.7	508	2762	4120	2.65	12.11	17.52	4.24
	16	16	13	10	10	2.75	2.75	2.50	2.00	2.00	2.7	12.0	14.0	508	2833	4200	2.65	12.43	17.86	4.24
	13	13	13	13	10	2.44	2.44	2.44	2.44	1.95	2.7	11.7	13.7	508	2762	4120	2.65	12.11	17.52	4.24
	16	13	13	13	10	2.69	2.45	2.45	2.45	1.96	2.7	12.0	14.0	508	2833	4200	2.65	12.43	17.86	4.24
	16	16	13	13	10	2.64	2.64	2.40	2.40	1.92	2.7	12.0	14.0	508	2833	4200	2.65	12.43	17.86	4.24
	13	13	13	13	13	2.40	2.40	2.40	2.40	2.40	2.7	12.0	14.0	508	2833	4200	2.65	12.43	17.86	4.24
	16	13	13	13	13	2.59	2.35	2.35	2.35	2.35	2.7	12.0	14.0	508	2833	4200	2.65	12.43	17.86	4.24
	22	07	07	07	07	4.60	1.77	1.77	1.77	1.77	2.46	11.7	14.0	487	2762	4200	2.54	12.11	17.86	4.24
	22	10	07	07	07	4.29	2.45	1.65	1.65	1.65	2.46	11.7	14.0	487	2762	4200	2.54	12.11	17.86	4.24
	22	10	10	07	07	4.01	2.29	2.29	1.55	1.55	2.46	11.7	14.0	487	2762	4200	2.54	12.11	17.86	4.24
	22	10	10	10	07	3.77	2.16	2.16	2.16	1.46	2.46	11.7	14.0	487	2762	4200	2.54	12.11	17.86	4.24
	22	10	10	10	10	3.56	2.03	2.03	2.03	2.03	2.46	11.7	14.0	487	2762	4200	2.54	12.11	17.86	4.24
	22	13	07	07	07	4.07	2.91	1.57	1.57	1.57	2.46	11.7	14.0	487	2762	4200	2.54	12.11	17.86	4.24
	22	13	10	07	07	3.83	2.73	2.19	1.48	1.48	2.46	11.7	14.0	487	2762	4200	2.54	12.11	17.86	4.24
	22	13	10	10	07	3.61	2.58	2.06	2.06	1.39	2.46	11.7	14.0	487	2762	4200	2.54	12.11	17.86	4.24
	22	13	10	10	10	3.50	2.50	2.00	2.00	2.00	2.46	12.0	14.0	487	2833	4200	2.54	12.11	17.86	4.24
	22	13	13	07	07	3.66	2.61	2.61	1.41	1.41	2.46	11.7	14.0	487	2762	4200	2.54	12.11	17.86	4.24
	22	13	13	10	07	3.54	2.53	2.53	2.03	1.37	2.46	12.0	14.0	487	2833	4200	2.54	12.43	17.86	4.24
	22	13	13	10	10	3.36	2.40	2.40	1.92	1.92	2.46	12.0	14.0	487	2833	4200	2.54	12.43	17.86	4.24
	22	13	13	13	07	3.40	2.43	2.43	2.43	1.31	2.46	12.0	14.0	487	2833	4200	2.54	12.43	17.86	4.24
	24	07	07	07	07	5.01	1.67	1.67	1.67	1.67	2.46	11.7	14.0	487	2762	4200	2.54	12.11	17.86	4.24
	24	10	07	07	07	4.69	2.32	1.56	1.56	1.56	2.46	11.7	14.0	487	2762	4200	2.54	12.11	17.86	4.24
	24	10	10	07	07	4.41	2.18	2.18	1.47	1.47	2.46	11.7	14.0	487	2762	4200	2.54	12.11	17.86	4.24
	24	10	10	10	07	4.16	2.05	2.05	2.05	1.39	2.46	11.7	14.0	487	2762	4200	2.54	12.11	17.86	4.24
	24	10	10	10	10	3.93	1.94	1.94	1.94	1.94	2.46	11.7	14.0	487	2762	4200	2.54	12.11	17.86	4.24
	24	13	07	07	07	4.47	2.76	1.49	1.49	1.49	2.46	11.7	14.0	487	2762	4200	2.54	12.11	17.86	4.24
	24	13	10	07	07	4.21	2.60	2.08	1.40	1.40	2.46	11.7	14.0	487	2762	4200	2.54	12.11	17.86	4.24
	24	13	10	10	07	3.98	2.46	1.97	1.97	1.33	2.46	11.7	14.0	487	2762	4200	2.54	12.11	17.86	4.24
	24	13	10	10	10	3.87	2.39	1.91	1.91	1.91	2.46	12.0	14.0	487	2833	4200	2.54	12.43	17.86	4.24
	24	13	13	07	07	4.03	2.49	2.49	1.34	1.34	2.46	11.7	14.0	487	2762	4200	2.54	12.11	17.86	4.24
	24	13	13	10	07	3.92	2.42	2.42	1.94	1.31	2.46	12.0	14.0	487	2833	4200	2.54	12.43	17.86	4.24

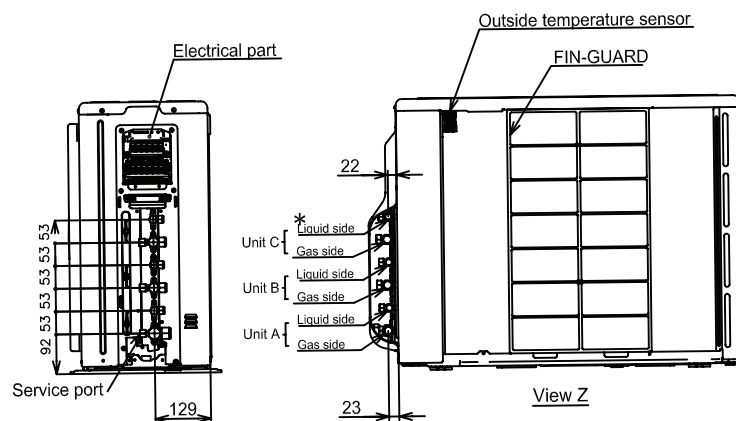
Outdoor drawings

RAS-2M14S3AV-E, RAS-3M18S3AV-E

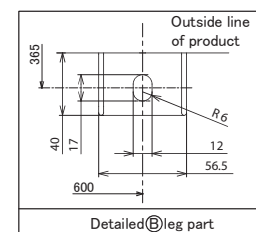
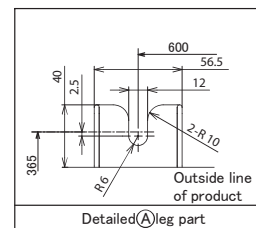


(Unit : mm)

* Diameter of pipe connecting port	Unit C	Liquid side	Φ 6.35	
		Gas side	Φ 9.52	
	Unit B	Liquid side	Φ 6.35	Φ 6.35
		Gas side	Φ 9.52	Φ 9.52
	Unit A	Liquid side	Φ 6.35	Φ 6.35
		Gas side	Φ 12.7	Φ 9.52
Model name		RAS-3M18S3AV-E	RAS-2M14S3AV-E	

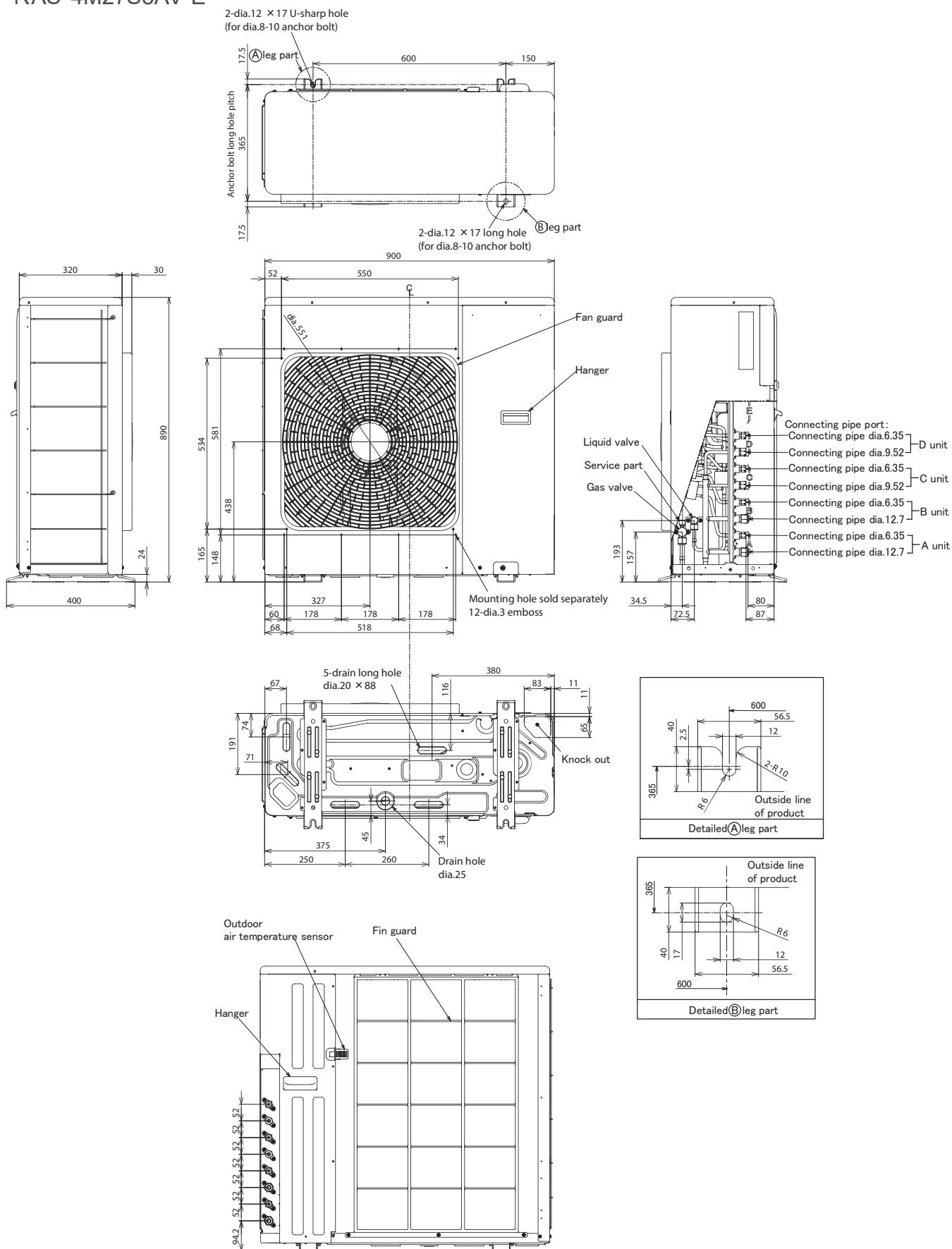


2-dia.12 × 17 U-sharp hole
(for dia.8-10 anchor bolt)



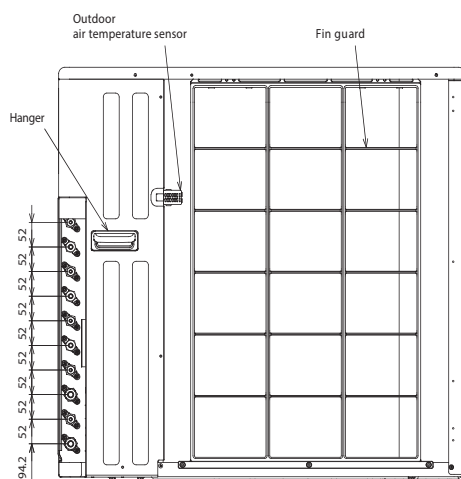
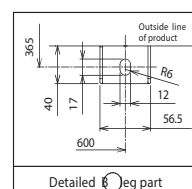
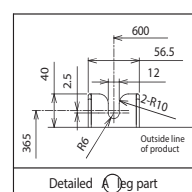
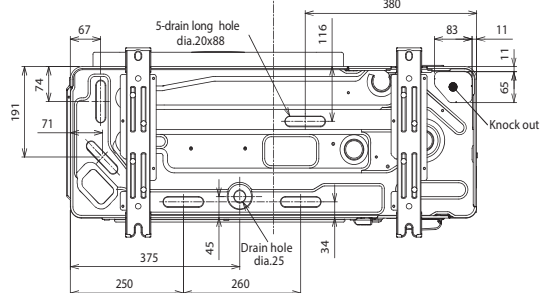
Outdoor drawings

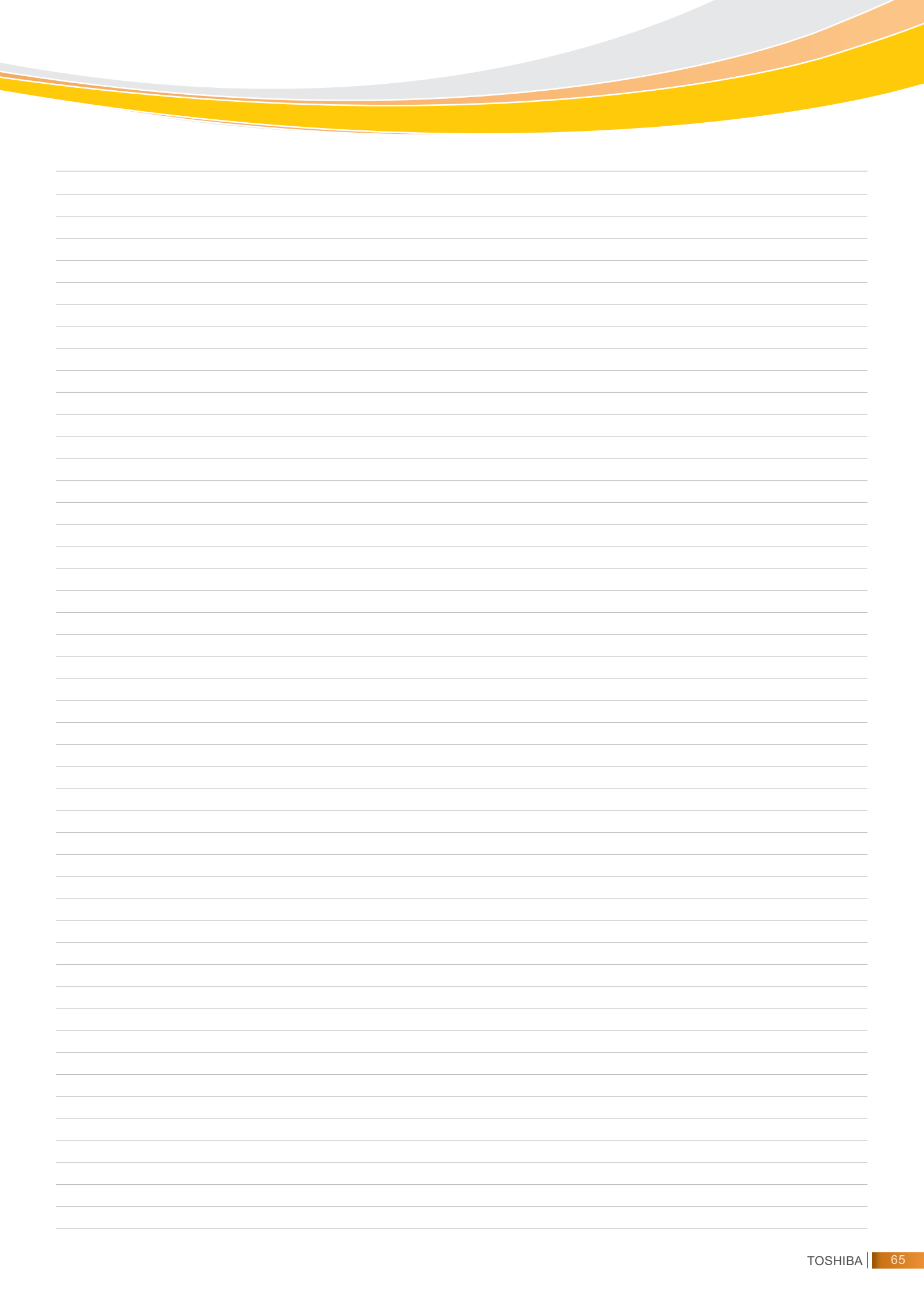
RAS-4M27S3AV-E



Technical drawing of a rectangular plate with the following specifications:

- Dimensions:**
 - Overall width: 600
 - Overall height: 365
 - Distance from right edge to center of hole B: 150
 - Distance from top edge to center of hole A: 17.5
 - Distance from bottom edge to center of hole B: 7.5
- Hole Specifications:**
 - Hole A (Top Left):** 2-dia.12x17 U-shape hole (For dia.8-10 anchor bolt). The label "A leg part" points to the U-shaped feature.
 - Hole B (Bottom Right):** 2-dia.12x17 long hole (For dia.8-10 anchor bolt). The label "B leg part" points to the rectangular feature.





Handwriting practice area with horizontal lines.

TOSHIBA



MASCI

ISO 9001 QMS18026/1686
ISO 14001 EMS18012/471
ISO 45001 OHSMS19061/078



Notice: - Products listed in this leaflet use HFC refrigerant R410A with a GWP of 2,088*.
- Toshiba is committed to continuously improving its products to ensure the highest quality and reliability standards, and to meet local regulations and market requirements. All features and specifications are subject to change without prior notice.

*The GWP value is calculated based on information provided in the EU F-gas Regulation and IPCC Fourth Assessment Report.

T2022-07IMS HP

TOSHIBA

Multi Inverter Air-Conditioning



 *Better Air Solutions*



MASCI

ISO 9001 QMS18026/1686
ISO 14001 EMS18012/471
ISO 45001 OHSMS19061/078



Notice: - Toshiba is committed to continuously improving its products to ensure the highest quality and reliability standards, and to meet local regulations and market requirements. All features and specifications are subject to change without prior notice.

T2022-B07-IMS-CO

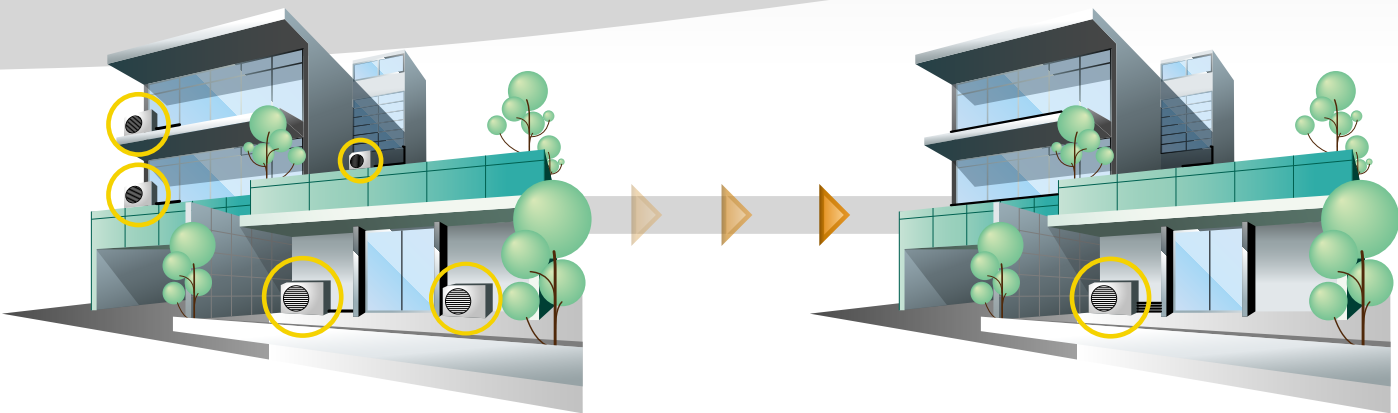


Luxury through Flexibility & Technology

Toshiba Multi system will deliver the ultimate in cooling comfort. The very latest in air conditioning technology ensures optimum performance to greatly enhance the quality of your life.

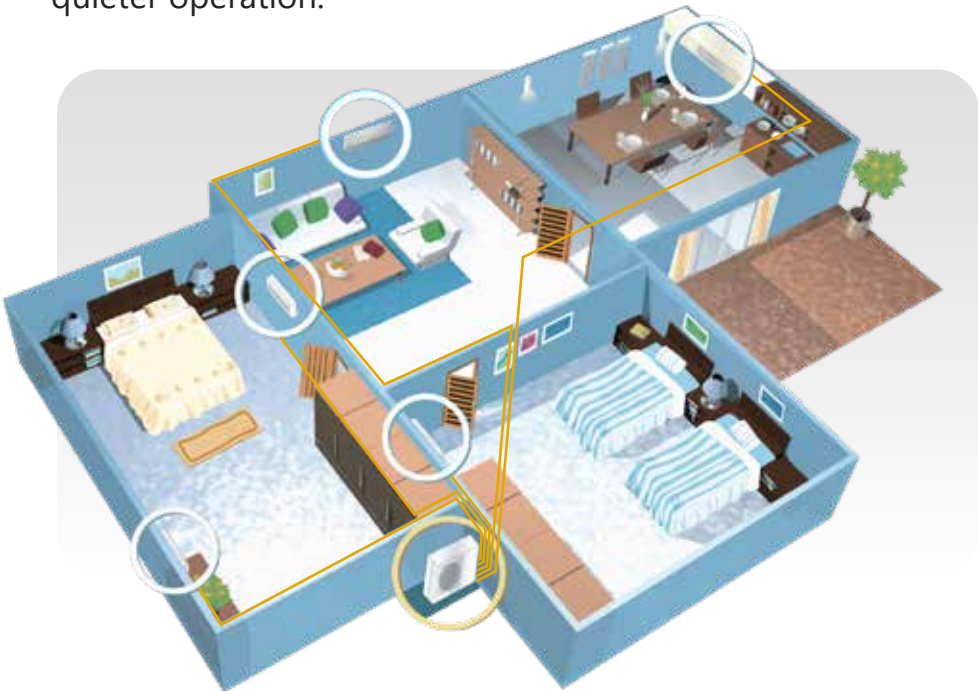


Big Advantages – Flexibility –



Small Unit - Big Advantages

Toshiba Multi-System exterior units are lightweight and compact. Just one outdoor unit takes up little space on a wall or in a yard. It keeps the exterior of buildings neat with quieter operation.



Benefits of the Toshiba Multi-System Flexibility

One external compressor can serve up to five interior units for exceptional flexibility, economy and reliability.

Product line up



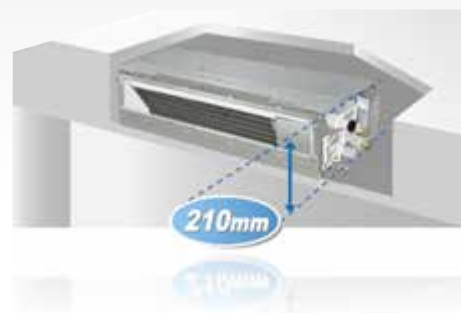
COOLING only	Indoor unit	Ducted	High wall
2 rooms  RAS-2M18J2ACV-HK	10 13 16	RAS-M10U2DCV RAS-M13U2DCV RAS-M16U2DCV	RAS-M10N4KCV RAS-M13N4KCV RAS-M16N4KCV
3 rooms  RAS-3M20S3ACV RAS-3M20S3ACV-ID	10 13 16	RAS-M10U2DCV RAS-M13U2DCV RAS-M16U2DCV	RAS-M10N4KCV RAS-M13N4KCV RAS-M16N4KCV
4 rooms  RAS-4M26S3ACV RAS-4M26S3ACV-ID	10 13 16 22 24	RAS-M10U2DCV RAS-M13U2DCV RAS-M16U2DCV RAS-M22U2DCV	RAS-M10N4KCV RAS-M13N4KCV RAS-M16N4KCV RAS-M22N4KCV RAS-M24N4KCV
5 rooms  RAS-5M38S3ACV RAS-5M38S3ACV-ID	10 13 16 22 24	RAS-M10U2DCV RAS-M13U2DCV RAS-M16U2DCV RAS-M22U2DCV	RAS-M10N4KCV RAS-M13N4KCV RAS-M16N4KCV RAS-M22N4KCV RAS-M24N4KCV



Ducted type



These ducted units offer reliable and controllable comfort year-round. The compact and quiet units are suitable for a wide range of residential and light commercial applications, with one outdoor unit serving up to five indoor units.



Compact chassis

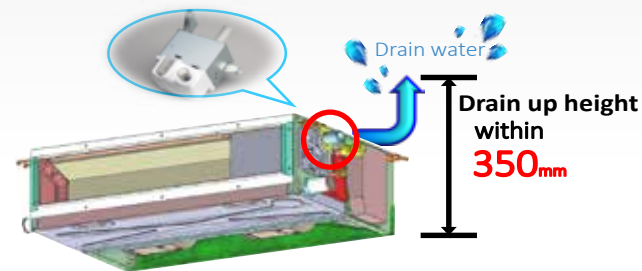
Slimmer design and only 210 mm. height for easier and versatile installations.



Lower sound

Your room which has Ducted indoor unit, provides the ultimate in pure comfort with whisper quiet

Easy installation and maintenance



Drain pump included as standard

>>> Possible to save both cost and working process for installation



Electrical box

>>> Refrigerant piping connection changed to side from front for easy installation

>>> To connect the wire easily, Ducted type has an electrical box on the side of indoor unit.

High wall type

Features



For 10,13,16k

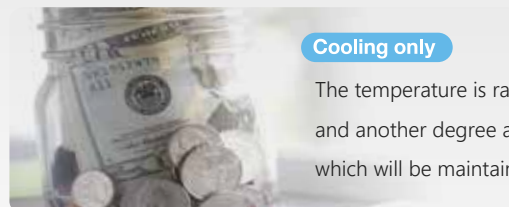
For 22, 24k



Hi Power



Powerful airflow



Cooling only

The temperature is raised by 1°C after 1 hour and another degree after 2 hours, which will be maintained until switching off.

Testing condition
Indoor temperature : Starting from 30°C until reaches a set-point temperature.
Comparison factor : Between to active and inactive the "ECO" function.
Testing period : Total 10 hours
Fan speed setting : Highest

ECO

Achieve energy-savings compared with standard setting without sacrificing comfort.



One Touch My Comfort

The one touch my comfort features customized temperature and airflow settings, which will deliver you ultimate comfort with one simple push of the button.



*Awake in the middle of the night
because you felt the room is too cold?
Do you feel too cold during sleeping at night?*

Comfort Sleep

With Toshiba's convenience feature, when you activate the comfort sleep button, your air-conditioning system will compensate for naturally lower night air temperatures so you can sleep in complete comfort.

Self-Cleaning Function



Normal Operation



Mould Reduction

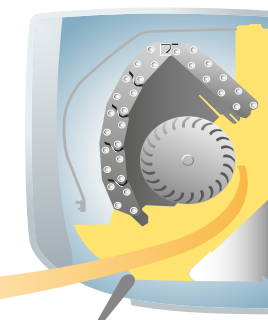
Moisture stays trapped inside during operation.



COOL AIR-FLOW

Self-Cleaning Function

30 minutes of fan operation after shut down dries the moist air and helps reduce mould formation.



NATURAL AIR-FLOW



Indoor unit: Technical specifications COOLING only

Indoor unit		RAS-M10U2DCV	RAS-M13U2DCV	RAS-M16U2DCV	RAS-M22U2DCV
Standard air flow (H)	m3/h	570	610	780	1000
Sound pressure level (H/L)	dB(A)	35/27	37/27	35/24	38/38
Dimensions (H x W x D)	mm	210 x 700 x 450	210 x 700 x 450	210 x 900 x 450	210 x 1100 x 450
Weight	kg	16	16	19	22
Flare connections - Gas	mm	φ9.5	φ9.5	φ12.7	φ12.7
Flare connections - Liquid	mm	φ6.4	φ6.4	φ6.4	φ6.4
External static pressure (Standard/Middle1/Middle2/Upper)	Pa	10/20/35/45 (4-step)	10/20/35/45 (4-step)	10/20/35/45 (4-step)	10/20/35/45 (4-step)



Indoor unit: Technical specifications COOLING only

Indoor unit		RAS-M10N4KCV	RAS-M13N4KCV	RAS-M16N4KCV	RAS-M22N4KCV	RAS-M24N4KCV
Standard air flow (H)	m3/h	516	570	684	1080	1134
Sound pressure level (H/L)	dB(A)	38/26	39/26	45/31	46/35	49/37
Dimensions (H x W x D)	mm	275 x 790 x 217	275 x 790 x 217	275 x 790 x 217	320 x 1050 x 229	320 x 1050 x 229
Weight	kg	10	10	10	13	13
Flare connections - Gas	mm	φ9.5	φ9.5	φ12.7	φ12.7	φ12.7
Flare connections - Liquid	mm	φ6.4	φ6.4	φ6.4	φ6.4	φ6.4

Outdoor unit: Technical specifications COOLING only

Outdoor unit		2-rooms RAS-2M18J2ACV-HK	3-rooms RAS-3M20S3ACV RAS-3M20S3ACV-ID	4-rooms RAS-4M26S3ACV RAS-4M26S3ACV-ID	5-rooms RAS-5M38S3ACV RAS-5M38S3ACV-ID
Cooling capacity	kW	5.2	5.8	7.7	11.0
Cooling capacity (min. - max.)	kW	2.0 - 6.2	2.4 - 7.0	4.2 - 10.3	3.7 - 12.1
Power input	kW	1.48	1.43	1.76	3.24
EER	W/W	3.51	4.06	4.38	3.40
Standard air flow	m3/h	2100	2457	3522	3522
Sound pressure level	dB(A)	49	50	52	54
Operating range	°C	10 ~ 46	10 ~ 46	10 ~ 46	10 ~ 46
Dimensions (H x W x D)	mm	550 x 780 x 290	630 x 800 x 300	890 x 900 x 320	890 x 900 x 320
Weight	kg	36	45	74	75
Compressor type		DC Twin rotary	DC Twin rotary	DC Twin rotary	DC Twin rotary
Flare connections - Gas	mm	φ9.5 x 2	φ12.7 + φ9.5 x 2	φ12.7 x 2 + φ9.5 x 2	φ12.7 x 2 + φ9.5 x 3
Flare connections - Liquid	mm	φ6.4 x 2	φ6.4 x 3	φ6.4 x 4	φ6.4 x 5
Minimum pipe length	m	2	2	3	3
Maximum pipe length (per unit/total)	m	25/30	25/50	25/80	25/80
Maximum height difference	m	10	10	15	15
Power supply	V-ph-Hz	220-240-1-50	220-240-1-50, 220-1-60	220-240-1-50, 220-1-60	220-240-1-50, 220-1-60

Rated conditions: Cooling; Indoor air temperature 27°C DB / 19°C WB,
Outdoor air temperature 35°C DB.

Combination table

Cooling, 220V

Operating status	Combination		Unit capacity (kW)		Cooling capacity (kW)			Power input (W)			Operating current (A)		
	Unit A	Unit B	Unit A	Unit B	Min.	Rated	Max.	Min.	Rated	Max.	Min.	Rated	Max.
1 unit operation	10	-	2.70	-	1.74	2.7	3.2	415	625	850	2.45	3.50	4.30
	13	-	3.70	-	1.75	3.7	4.2	415	1055	1420	2.45	5.20	6.80
	16	-	4.50	-	1.87	4.5	4.9	415	1290	1520	2.45	6.20	7.20
2 units operation	10	10	2.55	2.55	2.03	5.2	6.2	450	1480	2100	2.85	7.10	9.80
	13	10	2.94	2.26	2.03	5.2	6.2	450	1480	2100	2.85	7.10	9.80
	16	10	3.20	2.00	2.03	5.2	6.2	450	1480	2100	2.85	7.10	9.80
	13	13	2.60	2.60	2.03	5.2	6.2	450	1480	2100	2.85	7.10	9.80

RAS-2M18J2ACV-HK

Cooling, 230V

Operating status	Combination		Unit capacity (kW)		Cooling capacity (kW)			Power input (W)			Operating current (A)		
	Unit A	Unit B	Unit A	Unit B	Min.	Rated	Max.	Min.	Rated	Max.	Min.	Rated	Max.
1 unit operation	10	-	2.70	-	1.74	2.7	3.2	415	625	850	2.35	3.35	4.10
	13	-	3.70	-	1.75	3.7	4.2	415	1055	1420	2.35	4.97	6.50
	16	-	4.50	-	1.87	4.5	4.9	415	1290	1520	2.35	5.93	6.90
2 units operation	10	10	2.55	2.55	2.03	5.2	6.2	450	1480	2100	2.70	6.80	9.40
	13	10	2.94	2.26	2.03	5.2	6.2	450	1480	2100	2.70	6.80	9.40
	16	10	3.20	2.00	2.03	5.2	6.2	450	1480	2100	2.70	6.80	9.40
	13	13	2.60	2.60	2.03	5.2	6.2	450	1480	2100	2.70	6.80	9.40

Cooling, 240V

Operating status	Combination		Unit capacity (kW)		Cooling capacity (kW)			Power input (W)			Operating current (A)		
	Unit A	Unit B	Unit A	Unit B	Min.	Rated	Max.	Min.	Rated	Max.	Min.	Rated	Max.
1 unit operation	10	-	2.70	-	1.74	2.7	3.2	415	625	850	2.25	3.20	3.95
	13	-	3.70	-	1.75	3.7	4.2	415	1055	1420	2.25	4.80	6.25
	16	-	4.50	-	1.87	4.5	4.9	415	1290	1520	2.25	5.65	6.60
2 units operation	10	10	2.55	2.55	2.03	5.2	6.2	450	1480	2100	2.60	6.50	9.00
	13	10	2.94	2.26	2.03	5.2	6.2	450	1480	2100	2.60	6.50	9.00
	16	10	3.20	2.00	2.03	5.2	6.2	450	1480	2100	2.60	6.50	9.00
	13	13	2.60	2.60	2.03	5.2	6.2	450	1480	2100	2.60	6.50	9.00

Cooling, 220V

Operating status	Combination			Unit capacity (kW)			Cooling capacity (kW)			Power input (W)			Operating current (A)		
	Unit A	Unit B	Unit C	Unit A	Unit B	Unit C	Min.	Rated	Max.	Min.	Rated	Max.	Min.	Rated	Max.
1 unit operation	10	-	-	2.70	-	-	1.4	2.7	3.2	280	670	850	1.65	3.46	4.14
	13	-	-	3.70	-	-	1.4	3.7	4.4	280	1070	1380	1.65	5.17	6.62
	16	-	-	4.50	-	-	1.5	4.5	5.0	280	1300	1660	1.65	6.25	7.91
2 units operation	10	10	-	2.70	2.70	-	2.3	5.4	6.1	390	1420	1840	2.27	6.80	8.75
	13	10	-	3.35	2.45	-	2.4	5.8	6.3	390	1580	1850	2.27	7.54	8.79
	16	10	-	3.62	2.18	-	2.4	5.8	6.5	390	1470	1870	2.27	7.03	8.89
	13	13	-	2.90	2.90	-	2.4	5.8	6.4	390	1530	1860	2.27	7.31	8.84
	16	13	-	3.18	2.62	-	2.4	5.8	6.6	390	1450	1880	2.27	6.94	8.93
	16	16	-	2.90	2.90	-	2.4	5.8	6.8	400	1370	1910	2.32	6.57	9.07
3 units operation	10	10	10	1.94	1.93	1.93	2.4	5.8	7.0	400	1430	2000	2.32	6.85	9.49
	13	10	10	2.36	1.72	1.72	2.4	5.8	7.0	400	1420	2000	2.32	6.80	9.49
	16	10	10	2.64	1.58	1.58	2.4	5.8	7.0	400	1410	2000	2.32	6.76	9.49
	13	13	10	2.12	2.12	1.56	2.4	5.8	7.0	400	1420	2000	2.32	6.80	9.49
	16	13	10	2.39	1.97	1.43	2.4	5.8	7.0	400	1400	2000	2.32	6.71	9.49
	13	13	13	1.94	1.93	1.93	2.4	5.8	7.0	400	1410	2000	2.32	6.76	9.49

RAS-3M20S3ACV, RAS-3M20S3ACV-ID

Combination table

Cooling, 230V

RAS-3M20S3ACV, RAS-3M20S3ACV-ID

Operating status	Combination			Unit capacity (kW)			Cooling capacity (kW)			Power input (W)			Operating current (A)		
	Unit A	Unit B	Unit C	Unit A	Unit B	Unit C	Min.	Rated	Max.	Min.	Rated	Max.	Min.	Rated	Max.
1 unit operation	10	-	-	2.70	-	-	1.4	2.7	3.2	280	670	850	1.58	3.31	3.96
	13	-	-	3.70	-	-	1.4	3.7	4.4	280	1070	1380	1.58	4.95	6.33
	16	-	-	4.50	-	-	1.5	4.5	5.0	280	1300	1660	1.58	5.97	7.57
2 units operation	10	10	-	2.70	2.70	-	2.3	5.4	6.1	390	1420	1840	2.17	6.51	8.37
	13	10	-	3.35	2.45	-	2.4	5.8	6.3	390	1580	1850	2.17	7.22	8.41
	16	10	-	3.62	2.18	-	2.4	5.8	6.5	390	1470	1870	2.17	6.73	8.50
	13	13	-	2.90	2.90	-	2.4	5.8	6.4	390	1530	1860	2.17	6.99	8.45
	16	13	-	3.18	2.62	-	2.4	5.8	6.6	390	1450	1880	2.17	6.64	8.54
	16	16	-	2.90	2.90	-	2.4	5.8	6.8	400	1370	1910	2.22	6.29	8.68
3 units operation	10	10	10	1.94	1.93	1.93	2.4	5.8	7.0	400	1430	2000	2.22	6.55	9.07
	13	10	10	2.36	1.72	1.72	2.4	5.8	7.0	400	1420	2000	2.22	6.51	9.07
	16	10	10	2.64	1.58	1.58	2.4	5.8	7.0	400	1410	2000	2.22	6.46	9.07
	13	13	10	2.12	2.12	1.56	2.4	5.8	7.0	400	1420	2000	2.22	6.51	9.07
	16	13	10	2.39	1.97	1.43	2.4	5.8	7.0	400	1400	2000	2.22	6.42	9.07
	13	13	13	1.94	1.93	1.93	2.4	5.8	7.0	400	1410	2000	2.22	6.46	9.07

Cooling, 240V

Operating status	Combination			Unit capacity (kW)			Cooling capacity (kW)			Power input (W)			Operating current (A)		
	Unit A	Unit B	Unit C	Unit A	Unit B	Unit C	Min.	Rated	Max.	Min.	Rated	Max.	Min.	Rated	Max.
1 unit operation	10	-	-	2.70	-	-	1.4	2.7	3.2	280	670	850	1.52	3.17	3.79
	13	-	-	3.70	-	-	1.4	3.7	4.4	280	1070	1380	1.52	4.74	6.07
	16	-	-	4.50	-	-	1.5	4.5	5.0	280	1300	1660	1.52	5.73	7.25
2 units operation	10	10	-	2.70	2.70	-	2.3	5.4	6.1	390	1420	1840	2.08	6.24	8.02
	13	10	-	3.35	2.45	-	2.4	5.8	6.3	390	1580	1850	2.08	6.92	8.06
	16	10	-	3.62	2.18	-	2.4	5.8	6.5	390	1470	1870	2.08	6.45	8.14
	13	13	-	2.90	2.90	-	2.4	5.8	6.4	390	1530	1860	2.08	6.70	8.10
	16	13	-	3.18	2.62	-	2.4	5.8	6.6	390	1450	1880	2.08	6.36	8.19
	16	16	-	2.90	2.90	-	2.4	5.8	6.8	400	1370	1910	2.13	6.02	8.31
3 units operation	10	10	10	1.94	1.93	1.93	2.4	5.8	7.0	400	1430	2000	2.13	6.28	8.70
	13	10	10	2.36	1.72	1.72	2.4	5.8	7.0	400	1420	2000	2.13	6.24	8.70
	16	10	10	2.64	1.58	1.58	2.4	5.8	7.0	400	1410	2000	2.13	6.19	8.70
	13	13	10	2.12	2.12	1.56	2.4	5.8	7.0	400	1420	2000	2.13	6.24	8.70
	16	13	10	2.39	1.97	1.43	2.4	5.8	7.0	400	1400	2000	2.13	6.15	8.70
	13	13	13	1.94	1.93	1.93	2.4	5.8	7.0	400	1410	2000	2.13	6.19	8.70

Cooling, 220V

RAS-4M26S3ACV, RAS-4M26S3ACV-ID

Operating status	Combination				Unit capacity (kW)				Cooling capacity (kW)			Power input (W)			Operating current (A)		
	Unit A	Unit B	Unit C	Unit D	Unit A	Unit B	Unit C	Unit D	Min.	Rated	Max.	Min.	Rated	Max.	Min.	Rated	Max.
1 unit operation	10	-	-	-	2.70	-	-	-	1.4	2.7	3.2	640	750	950	3.83	4.43	4.64
	13	-	-	-	3.70	-	-	-	1.4	3.7	4.4	640	1200	1520	3.68	6.20	7.20
	16	-	-	-	4.50	-	-	-	1.4	4.5	5.0	640	1650	2000	3.68	7.98	9.28
	22	-	-	-	6.00	-	-	-	2.4	6.0	6.8	640	2020	2500	3.68	9.56	11.60
	24	-	-	-	7.10	-	-	-	2.4	7.1	7.2	660	2390	2960	3.80	11.32	13.73
2 units operation	10	10	-	-	2.70	2.70	-	-	2.5	5.4	6.3	640	1430	2180	3.64	7.14	10.11
	13	10	-	-	3.70	2.70	-	-	2.7	6.4	7.1	660	1850	2370	3.75	8.85	10.99
	16	10	-	-	4.38	2.63	-	-	2.9	7.0	7.3	670	2000	2460	3.81	10.53	11.41
	22	10	-	-	5.31	2.39	-	-	2.9	7.7	8.5	670	2000	2500	3.81	10.53	11.60
	24	10	-	-	5.58	2.12	-	-	3.0	7.7	8.5	690	2200	2500	3.92	10.53	11.60
	13	13	-	-	3.50	3.50	-	-	2.9	7.0	7.3	670	2200	2460	3.81	10.53	11.41
	16	13	-	-	4.23	3.47	-	-	3.2	7.7	8.3	700	2300	2600	3.98	11.00	12.06
	22	13	-	-	4.76	2.94	-	-	3.2	7.7	8.5	700	2200	2600	3.98	10.53	12.06
	24	13	-	-	5.06	2.64	-	-	3.2	7.7	8.3	700	2200	2600	3.98	10.53	12.06
	16	16	-	-	3.85	3.85	-	-	3.2	7.7	8.3	700	2300	2600	3.98	11.00	12.06
	22	16	-	-	4.40	3.30	-	-	3.2	7.7	8.5	700	2200	2500	3.98	10.53	11.60
	24	16	-	-	4.71	2.99	-	-	3.2	7.7	8.5	700	2200	2500	3.98	10.53	11.60
	22	22	-	-	3.85	3.85	-	-	3.2	7.7	9.1	700	2200	2600	3.98	10.53	12.06

Combination table

Cooling, 220V

RAS-4M26S3ACV, RAS-4M26S3ACV-ID

Operating status	Combination				Unit capacity (kW)				Cooling capacity (kW)			Power input (W)			Operating current (A)			
	Unit A	Unit B	Unit C	Unit D	Unit A	Unit B	Unit C	Unit D	Min.	Rated	Max.	Min.	Rated	Max.	Min.	Rated	Max.	
2 units operation	22	24	-	-	3.53	4.17	-	-	3.2	7.7	9.1	700	2200	2600	3.98	10.53	12.06	
	24	24	-	-	3.85	3.85	-	-	3.2	7.7	9.2	700	2200	2600	3.98	10.53	12.06	
3 units operation	10	10	10	-	2.57	2.57	2.57	-	3.8	7.7	8.7	950	2100	2850	4.80	10.05	13.22	
	13	10	10	-	3.13	2.28	2.28	-	3.9	7.7	9.1	960	2100	2870	4.64	11.58	12.73	
	16	10	10	-	3.50	2.10	2.10	-	4.0	7.7	9.5	960	2100	2980	4.64	11.58	12.95	
	22	10	10	-	4.05	1.82	1.82	-	4.1	7.7	9.6	970	2000	2970	4.64	11.58	12.95	
	24	10	10	-	4.37	1.66	1.66	-	4.1	7.7	9.6	970	2000	2970	4.90	9.57	13.78	
	13	13	10	-	2.82	2.82	2.06	-	4.1	7.7	9.5	970	2100	2980	4.90	10.05	13.82	
	16	13	10	-	3.18	2.61	1.91	-	4.1	7.7	9.5	970	2100	2980	4.90	10.05	13.82	
	22	13	10	-	3.73	2.30	1.68	-	4.1	7.7	9.6	970	2000	2970	4.90	9.57	13.78	
	24	13	10	-	4.05	2.11	1.54	-	4.1	7.7	9.6	970	2000	2970	4.90	9.57	13.78	
	16	16	10	-	2.96	2.96	1.78	-	4.1	7.7	9.6	980	2100	2980	4.95	10.05	13.82	
	22	16	10	-	3.50	2.63	1.58	-	4.1	7.7	9.6	970	2000	2970	4.90	9.57	13.78	
	24	16	10	-	3.82	2.42	1.45	-	4.1	7.7	9.6	970	2000	2970	4.90	9.57	13.78	
	13	13	13	-	2.57	2.57	2.57	-	4.1	7.7	9.5	970	2100	2980	4.90	10.05	13.82	
	16	13	13	-	2.91	2.39	2.39	-	4.1	7.7	9.5	970	2100	2980	4.90	10.05	13.82	
	22	13	13	-	3.45	2.13	2.13	-	4.1	7.7	9.6	970	2000	2970	4.90	9.57	13.78	
	24	13	13	-	3.77	1.96	1.96	-	4.1	7.7	9.6	970	2000	2970	4.90	9.57	13.78	
	16	16	13	-	2.73	2.73	2.24	-	4.1	7.7	9.5	970	2100	2980	4.90	10.05	13.82	
	16	16	16	-	2.57	2.57	2.57	-	4.1	7.7	9.5	970	2100	2980	4.90	10.05	13.82	
	22	16	13	-	3.25	2.44	2.01	-	4.1	7.7	9.6	970	2000	2970	4.90	9.57	13.78	
	24	16	13	-	3.57	2.26	1.86	-	4.1	7.7	9.6	970	2000	2970	4.90	9.57	13.78	
	22	22	10	-	3.14	3.14	3.41	-	4.1	7.7	9.7	970	2000	2970	4.90	9.57	13.78	
	24	22	10	-	3.46	2.92	1.32	-	4.1	7.7	9.7	970	2000	2970	4.90	9.57	13.78	
	24	24	10	-	3.23	3.23	1.23	-	4.1	7.7	9.7	970	2000	2970	4.90	9.57	13.78	
	4 units operation	10	10	10	10	1.93	1.93	1.93	1.93	4.1	7.7	10.0	940	1800	2930	4.75	8.61	13.59
		13	10	10	10	2.41	1.76	1.76	1.76	4.1	7.7	10.2	940	1800	2960	4.75	8.61	13.73
		16	10	10	10	2.75	1.65	1.65	1.65	4.2	7.7	10.3	950	1800	3020	4.80	8.61	14.01
22		10	10	10	3.28	1.47	1.47	1.47	4.2	7.7	10.3	950	1760	2980	4.80	8.42	13.82	
24		10	10	10	3.60	1.37	1.37	1.37	4.2	7.7	10.3	950	1760	2980	4.80	8.42	13.82	
13		13	10	10	2.23	2.23	1.62	1.62	4.2	7.7	10.3	950	1800	3020	4.80	8.61	14.01	
16		13	10	10	2.55	2.09	1.53	1.53	4.2	7.7	10.3	950	1800	3020	4.80	8.61	14.01	
22		13	10	10	3.06	1.89	1.38	1.38	4.2	7.7	10.3	950	1760	2980	4.80	8.42	13.82	
24		13	10	10	3.37	1.76	1.28	1.28	4.2	7.7	10.3	950	1760	2980	4.80	8.42	13.82	
16		16	10	10	2.41	2.41	1.44	1.44	4.2	7.7	10.3	950	1760	2980	4.80	8.42	13.82	
22		16	10	10	2.91	2.18	1.31	1.31	4.2	7.7	10.3	950	1760	2980	4.80	8.42	13.82	
24		16	10	10	3.22	2.04	1.22	1.22	4.2	7.7	10.3	950	1760	2980	4.80	8.42	13.82	
13		13	13	10	2.06	2.06	2.06	1.51	4.2	7.7	10.3	950	1760	3020	4.80	8.42	14.01	
16		13	13	10	2.37	1.95	1.95	1.42	4.2	7.7	10.3	950	1760	2980	4.80	8.42	13.82	
22		13	13	10	2.87	1.77	1.77	1.29	4.2	7.7	10.3	950	1760	2980	4.80	8.42	13.82	
24		13	13	10	3.18	1.66	1.66	1.21	4.2	7.7	10.3	950	1760	2980	4.80	8.42	13.82	
16		16	13	10	2.25	2.25	1.85	1.35	4.2	7.7	10.3	950	1760	2980	4.80	8.42	13.82	
22		16	13	10	2.73	2.05	1.69	1.23	4.2	7.7	10.3	950	1760	2980	4.80	8.42	13.82	
24		16	13	10	3.04	1.93	1.58	1.16	4.2	7.7	10.3	950	1760	2980	4.80	8.42	13.82	
13		13	13	13	1.93	1.93	1.93	1.93	4.2	7.7	10.3	950	1760	2980	4.80	8.42	13.82	
16		13	13	13	2.22	1.83	1.83	1.83	4.2	7.7	10.3	950	1760	2980	4.80	8.42	13.82	
22		13	13	13	2.70	1.67	1.67	1.67	4.2	7.7	10.3	950	1760	2980	4.80	8.42	13.82	
24		13	13	13	3.00	1.57	1.57	1.57	4.2	7.7	10.3	950	1760	2980	4.80	8.42	13.82	
16		16	13	13	2.11	2.11	1.74	1.74	4.2	7.7	10.3	950	1760	2980	4.80	8.42	13.82	
22		16	13	13	2.58	1.94	1.59	1.59	4.2	7.7	10.3	950	1760	2980	4.80	8.42	13.82	
24		16	13	13	2.88	1.82	1.50	1.50	4.2	7.7	10.3	950	1760	2980	4.80	8.42	13.82	

Combination table

Cooling, 230V

RAS-4M26S3ACV, RAS-4M26S3ACV-ID

Operating status	Combination				Unit capacity (kW)				Cooling capacity (kW)			Power input (W)			Operating current (A)		
	Unit A	Unit B	Unit C	Unit D	Unit A	Unit B	Unit C	Unit D	Min.	Rated	Max.	Min.	Rated	Max.	Min.	Rated	Max.
1 unit operation	10	-	-	-	2.70	-	-	-	1.4	2.7	3.2	640	750	950	3.66	4.23	4.44
	13	-	-	-	3.70	-	-	-	1.4	3.7	4.4	640	1200	1520	3.52	5.93	6.88
	16	-	-	-	4.50	-	-	-	1.4	4.5	5.0	640	1650	2000	3.52	7.63	8.87
	22	-	-	-	6.00	-	-	-	2.4	6.0	6.8	640	2020	2500	3.52	9.15	11.09
	24	-	-	-	7.10	-	-	-	2.4	7.1	7.2	660	2390	2960	3.63	10.82	13.13
2 units operation	10	10	-	-	2.70	2.70	-	-	2.5	5.4	6.3	640	1430	2180	3.48	6.83	9.67
	13	10	-	-	3.70	2.70	-	-	2.7	6.4	7.1	660	1850	2370	3.59	8.47	10.51
	16	10	-	-	4.38	2.63	-	-	2.9	7.0	7.3	670	2000	2460	3.64	10.07	10.91
	22	10	-	-	5.31	2.39	-	-	2.9	7.7	8.5	670	2000	2500	3.64	10.07	11.09
	24	10	-	-	5.58	2.12	-	-	3.0	7.7	8.5	690	2200	2500	3.75	10.07	11.09
	13	13	-	-	3.50	3.50	-	-	2.9	7.0	7.3	670	2200	2460	3.64	10.07	10.91
	16	13	-	-	4.23	3.47	-	-	3.2	7.7	8.3	700	2300	2600	3.80	10.53	11.54
	22	13	-	-	4.76	2.94	-	-	3.2	7.7	8.5	700	2200	2600	3.80	10.07	11.54
	24	13	-	-	5.06	2.64	-	-	3.2	7.7	8.3	700	2200	2600	3.80	10.07	11.54
	16	16	-	-	3.85	3.85	-	-	3.2	7.7	8.3	700	2300	2600	3.80	10.53	11.54
	22	16	-	-	4.40	3.30	-	-	3.2	7.7	8.5	700	2200	2500	3.80	10.07	11.09
	24	16	-	-	4.71	2.99	-	-	3.2	7.7	8.5	700	2200	2500	3.80	10.07	11.09
	22	22	-	-	3.85	3.85	-	-	3.2	7.7	9.1	700	2200	2600	3.80	10.07	11.54
	22	24	-	-	3.53	4.17	-	-	3.2	7.7	9.1	700	2200	2600	3.80	10.07	11.54
	24	24	-	-	3.85	3.85	-	-	3.2	7.7	9.2	700	2200	2600	3.80	10.07	11.54
3 units operation	10	10	10	-	2.57	2.57	2.57	-	3.8	7.7	8.7	950	2100	2850	4.59	9.61	12.64
	13	10	10	-	3.13	2.28	2.28	-	3.9	7.7	9.1	960	2100	2870	4.64	11.58	12.73
	16	10	10	-	3.50	2.10	2.10	-	4.0	7.7	9.5	960	2100	2980	4.64	11.58	12.95
	22	10	10	-	4.05	1.82	1.82	-	4.1	7.7	9.6	970	2000	2970	4.64	11.58	12.95
	24	10	10	-	4.37	1.66	1.66	-	4.1	7.7	9.6	970	2000	2970	4.69	9.15	13.18
	13	13	10	-	2.82	2.82	2.06	-	4.1	7.7	9.5	970	2100	2980	4.69	9.61	13.22
	16	13	10	-	3.18	2.61	1.91	-	4.1	7.7	9.5	970	2100	2980	4.69	9.61	13.22
	22	13	10	-	3.73	2.30	1.68	-	4.1	7.7	9.6	970	2000	2970	4.69	9.15	13.18
	24	13	10	-	4.05	2.11	1.54	-	4.1	7.7	9.6	970	2000	2970	4.69	9.15	13.18
	16	16	10	-	2.96	2.96	1.78	-	4.1	7.7	9.6	980	2100	2980	4.73	9.61	13.22
	22	16	10	-	3.50	2.63	1.58	-	4.1	7.7	9.6	970	2000	2970	4.69	9.15	13.18
	24	16	10	-	3.82	2.42	1.45	-	4.1	7.7	9.6	970	2000	2970	4.69	9.15	13.18
	13	13	13	-	2.57	2.57	2.57	-	4.1	7.7	9.5	970	2100	2980	4.69	9.61	13.22
	16	13	13	-	2.91	2.39	2.39	-	4.1	7.7	9.5	970	2100	2980	4.69	9.61	13.22
	22	13	13	-	3.45	2.13	2.13	-	4.1	7.7	9.6	970	2000	2970	4.69	9.15	13.18
	24	13	13	-	3.77	1.96	1.96	-	4.1	7.7	9.6	970	2000	2970	4.69	9.15	13.18
	16	16	13	-	2.73	2.73	2.24	-	4.1	7.7	9.5	970	2100	2980	4.69	9.61	13.22
	16	16	16	-	2.57	2.57	2.57	-	4.1	7.7	9.5	970	2100	2980	4.69	9.61	13.22
	22	16	13	-	3.25	2.44	2.01	-	4.1	7.7	9.6	970	2000	2970	4.69	9.15	13.18
	24	16	13	-	3.57	2.26	1.86	-	4.1	7.7	9.6	970	2000	2970	4.69	9.15	13.18
	22	22	10	-	3.14	3.14	3.41	-	4.1	7.7	9.7	970	2000	2970	4.69	9.15	13.18
	24	22	10	-	3.46	2.92	1.32	-	4.1	7.7	9.7	970	2000	2970	4.69	9.15	13.18
	24	24	10	-	3.23	3.23	1.23	-	4.1	7.7	9.7	970	2000	2970	4.69	9.15	13.18
4 units operation	10	10	10	10	1.93	1.93	1.93	1.93	4.1	7.7	10.0	940	1800	2930	4.54	8.24	13.00
	13	10	10	10	2.41	1.76	1.76	1.76	4.1	7.7	10.2	940	1800	2960	4.54	8.24	13.13
	16	10	10	10	2.75	1.65	1.65	1.65	4.2	7.7	10.3	950	1800	3020	4.59	8.24	13.40
	22	10	10	10	3.28	1.47	1.47	1.47	4.2	7.7	10.3	950	1760	2980	4.59	8.05	13.22
	24	10	10	10	3.60	1.37	1.37	1.37	4.2	7.7	10.3	950	1760	2980	4.59	8.05	13.22
	13	13	10	10	2.23	2.23	1.62	1.62	4.2	7.7	10.3	950	1800	3020	4.59	8.24	13.40
	16	13	10	10	2.55	2.09	1.53	1.53	4.2	7.7	10.3	950	1800	3020	4.59	8.24	13.40
	22	13	10	10	3.06	1.89	1.38	1.38	4.2	7.7	10.3	950	1760	2980	4.59	8.05	13.22
	24	13	10	10	3.37	1.76	1.28	1.28	4.2	7.7	10.3	950	1760	2980	4.59	8.05	13.22
	16	16	10	10	2.41	2.41	1.44	1.44	4.2	7.7	10.3	950	1760	2980	4.59	8.05	13.22
	22	16	10	10	2.91	2.18	1.31	1.31	4.2	7.7	10.3	950	1760	2980	4.59	8.05	13.22
	24	16	10	10	3.22	2.04	1.22	1.22	4.2	7.7	10.3	950	1760	2980	4.59	8.05	13.22

Combination table

Cooling, 230V

RAS-4M26S3ACV, RAS-4M26S3ACV-ID

Operating status	Combination				Unit capacity (kW)				Cooling capacity (kW)			Power input (W)			Operating current (A)		
	Unit A	Unit B	Unit C	Unit D	Unit A	Unit B	Unit C	Unit D	Min.	Rated	Max.	Min.	Rated	Max.	Min.	Rated	Max.
4 units operation	13	13	13	10	2.06	2.06	2.06	1.51	4.2	7.7	10.3	950	1760	3020	4.59	8.05	13.40
	16	13	13	10	2.37	1.95	1.95	1.42	4.2	7.7	10.3	950	1760	2980	4.59	8.05	13.22
	22	13	13	10	2.87	1.77	1.77	1.29	4.2	7.7	10.3	950	1760	2980	4.59	8.05	13.22
	24	13	13	10	3.18	1.66	1.66	1.21	4.2	7.7	10.3	950	1760	2980	4.59	8.05	13.22
	16	16	13	10	2.25	2.25	1.85	1.35	4.2	7.7	10.3	950	1760	2980	4.59	8.05	13.22
	22	16	13	10	2.73	2.05	1.69	1.23	4.2	7.7	10.3	950	1760	2980	4.59	8.05	13.22
	24	16	13	10	3.04	1.93	1.58	1.16	4.2	7.7	10.3	950	1760	2980	4.59	8.05	13.22
	13	13	13	13	1.93	1.93	1.93	1.93	4.2	7.7	10.3	950	1760	2980	4.59	8.05	13.22
	16	13	13	13	2.22	1.83	1.83	1.83	4.2	7.7	10.3	950	1760	2980	4.59	8.05	13.22
	22	13	13	13	2.70	1.67	1.67	1.67	4.2	7.7	10.3	950	1760	2980	4.59	8.05	13.22
	24	13	13	13	3.00	1.57	1.57	1.57	4.2	7.7	10.3	950	1760	2980	4.59	8.05	13.22
	16	16	13	13	2.11	2.11	1.74	1.74	4.2	7.7	10.3	950	1760	2980	4.59	8.05	13.22
	22	16	13	13	2.58	1.94	1.59	1.59	4.2	7.7	10.3	950	1760	2980	4.59	8.05	13.22
	24	16	13	13	2.88	1.82	1.50	1.50	4.2	7.7	10.3	950	1760	2980	4.59	8.05	13.22

Cooling, 240V

Operating status	Combination				Unit capacity (kW)				Cooling capacity (kW)			Power input (W)			Operating current (A)		
	Unit A	Unit B	Unit C	Unit D	Unit A	Unit B	Unit C	Unit D	Min.	Rated	Max.	Min.	Rated	Max.	Min.	Rated	Max.
1 unit operation	10	-	-	-	2.70	-	-	-	1.4	2.7	3.2	640	750	950	3.83	4.43	4.64
	13	-	-	-	3.70	-	-	-	1.4	3.7	4.4	640	1200	1520	3.68	6.20	7.20
	16	-	-	-	4.50	-	-	-	1.4	4.5	5.0	650	1650	2000	3.68	7.98	9.28
	22	-	-	-	6.00	-	-	-	2.4	6.0	6.8	640	2020	2500	3.68	9.56	11.60
	24	-	-	-	7.10	-	-	-	2.4	7.1	7.2	660	2390	2960	3.80	11.32	13.73
2 units operation	10	10	-	-	2.70	2.70	-	-	2.5	5.4	6.3	640	1430	2180	3.64	7.14	10.11
	13	10	-	-	3.70	2.70	-	-	2.7	6.4	7.1	660	1850	2370	3.75	8.85	10.99
	16	10	-	-	4.38	2.63	-	-	2.9	7.0	7.3	670	2200	2460	3.81	10.53	11.41
	22	10	-	-	5.31	2.39	-	-	2.9	7.7	8.5	670	2200	2500	3.81	10.53	11.60
	24	10	-	-	5.58	2.12	-	-	3.0	7.7	8.5	690	2200	2500	3.92	10.53	11.60
	13	13	-	-	3.50	3.50	-	-	2.9	7.0	7.3	670	2200	2460	3.81	10.53	11.41
	16	13	-	-	4.23	3.47	-	-	3.2	7.7	8.3	700	2300	2600	3.98	11.00	12.06
	22	13	-	-	4.76	2.94	-	-	3.2	7.7	8.5	700	2200	2600	3.98	10.53	12.06
	24	13	-	-	5.06	2.64	-	-	3.2	7.7	8.3	700	2200	2600	3.98	10.53	12.06
	16	16	-	-	3.85	3.85	-	-	3.2	7.7	8.3	700	2300	2600	3.98	11.00	12.06
	22	16	-	-	4.40	3.30	-	-	3.2	7.7	8.5	700	2200	2500	3.98	10.53	11.60
	24	16	-	-	4.71	2.99	-	-	3.2	7.7	8.5	700	2200	2500	3.98	10.53	11.60
	22	22	-	-	3.85	3.85	-	-	3.2	7.7	9.1	700	2200	2600	3.98	10.53	12.06
	22	24	-	-	3.53	4.17	-	-	3.2	7.7	9.1	700	2200	2600	3.98	10.53	12.06
	24	24	-	-	3.85	3.85	-	-	3.2	7.7	9.2	700	2200	2600	3.98	10.53	12.06
	3 units operation	10	10	10	-	2.57	2.57	2.57	-	3.8	7.7	8.7	950	2100	2850	4.80	10.05
13		10	10	-	3.13	2.28	2.28	-	3.9	7.7	9.1	960	2100	2870	4.64	11.58	12.73
16		10	10	-	3.50	2.10	2.10	-	4.0	7.7	9.5	960	2100	2980	4.64	11.58	12.95
22		10	10	-	4.05	1.82	1.82	-	4.1	7.7	9.6	970	2000	2970	4.64	11.58	12.95
24		10	10	-	4.37	1.66	1.66	-	4.1	7.7	9.6	970	2000	2970	4.90	9.57	13.78
13		13	10	-	2.82	2.82	2.06	-	4.1	7.7	9.5	970	2100	2980	4.90	10.05	13.82
16		13	10	-	3.18	2.61	1.91	-	4.1	7.7	9.5	970	2100	2980	4.90	10.05	13.82
22		13	10	-	3.73	2.30	1.68	-	4.1	7.7	9.6	970	2000	2970	4.90	9.57	13.78
24		13	10	-	4.05	2.11	1.54	-	4.1	7.7	9.6	970	2000	2970	4.90	9.57	13.78
16		16	10	-	2.96	2.96	1.78	-	4.1	7.7	9.6	980	2100	2980	4.95	10.05	13.82
22		16	10	-	3.50	2.63	1.58	-	4.1	7.7	9.6	970	2000	2970	4.90	9.57	13.78
24		16	10	-	3.82	2.42	1.45	-	4.1	7.7	9.6	970	2000	2970	4.90	9.57	13.78
13		13	13	-	2.57	2.57	2.57	-	4.1	7.7	9.5	970	2100	2980	4.90	10.05	13.82
16		13	13	-	2.91	2.39	2.39	-	4.1	7.7	9.5	970	2100	2980	4.90	10.05	13.82
22		13	13	-	3.45	2.13	2.13	-	4.1	7.7	9.6	970	2000	2970	4.90	9.57	13.78
24		13	13	-	3.77	1.96	1.96	-	4.1	7.7	9.6	970	2000	2970	4.90	9.57	13.78
16	16	13	-	2.73	2.73	2.24	-	4.1	7.7	9.5	970	2100	2980	4.90	10.05	13.82	
16	16	16	-	2.57	2.57	2.57	-	4.1	7.7	9.5	970	2100	2980	4.90	10.05	13.82	

Combination table

Cooling, 240V

RAS-4M26S3ACV, RAS-4M26S3ACV-ID

Operating status	Combination				Unit capacity (kW)				Cooling capacity (kW)			Power input (W)			Operating current (A)		
	Unit A	Unit B	Unit C	Unit D	Unit A	Unit B	Unit C	Unit D	Min.	Rated	Max.	Min.	Rated	Max.	Min.	Rated	Max.
3 units operation	22	16	13	-	3.25	2.44	2.01	-	4.1	7.7	9.6	970	2000	2970	4.90	9.57	13.78
	24	16	13	-	3.57	2.26	1.86	-	4.1	7.7	9.6	970	2000	2970	4.90	9.57	13.78
	22	22	10	-	3.14	3.14	3.41	-	4.1	7.7	9.7	970	2000	2970	4.90	9.57	13.78
	24	22	10	-	3.46	2.92	1.32	-	4.1	7.7	9.7	970	2000	2970	4.90	9.57	13.78
	24	24	10	-	3.23	3.23	1.23	-	4.1	7.7	9.7	970	2000	2970	4.90	9.57	13.78
4 units operation	10	10	10	10	1.93	1.93	1.93	1.93	4.1	7.7	10.0	940	1800	2930	4.75	8.61	13.59
	13	10	10	10	2.41	1.76	1.76	1.76	4.1	7.7	10.2	940	1800	2960	4.75	8.61	13.73
	16	10	10	10	2.75	1.65	1.65	1.65	4.2	7.7	10.3	950	1800	3020	4.80	8.61	14.01
	22	10	10	10	3.28	1.47	1.47	1.47	4.2	7.7	10.3	950	1760	2980	4.80	8.42	13.82
	24	10	10	10	3.60	1.37	1.37	1.37	4.2	7.7	10.3	950	1760	2980	4.80	8.42	13.82
	13	13	10	10	2.23	2.23	1.62	1.62	4.2	7.7	10.3	950	1800	3020	4.80	8.61	14.01
	16	13	10	10	2.55	2.09	1.53	1.53	4.2	7.7	10.3	950	1800	3020	4.80	8.61	14.01
	22	13	10	10	3.06	1.89	1.38	1.38	4.2	7.7	10.3	950	1760	2980	4.80	8.42	13.82
	24	13	10	10	3.37	1.76	1.28	1.28	4.2	7.7	10.3	950	1760	2980	4.80	8.42	13.82
	16	16	10	10	2.41	2.41	1.44	1.44	4.2	7.7	10.3	950	1760	2980	4.80	8.42	13.82
	22	16	10	10	2.91	2.18	1.31	1.31	4.2	7.7	10.3	950	1760	2980	4.80	8.42	13.82
	24	16	10	10	3.22	2.04	1.22	1.22	4.2	7.7	10.3	950	1760	2980	4.80	8.42	13.82
	13	13	13	10	2.06	2.06	2.06	1.51	4.2	7.7	10.3	950	1760	3020	4.80	8.42	14.01
	16	13	13	10	2.37	1.95	1.95	1.42	4.2	7.7	10.3	950	1760	2980	4.80	8.42	13.82
	22	13	13	10	2.87	1.77	1.77	1.29	4.2	7.7	10.3	950	1760	2980	4.80	8.42	13.82
	24	13	13	10	3.18	1.66	1.66	1.21	4.2	7.7	10.3	950	1760	2980	4.80	8.42	13.82
	16	16	13	10	2.25	2.25	1.85	1.35	4.2	7.7	10.3	950	1760	2980	4.80	8.42	13.82
	22	16	13	10	2.73	2.05	1.69	1.23	4.2	7.7	10.3	950	1760	2980	4.80	8.42	13.82
	24	16	13	10	3.04	1.93	1.58	1.16	4.2	7.7	10.3	950	1760	2980	4.80	8.42	13.82
	13	13	13	13	1.93	1.93	1.93	1.93	4.2	7.7	10.3	950	1760	2980	4.80	8.42	13.82
	16	13	13	13	2.22	1.83	1.83	1.83	4.2	7.7	10.3	950	1760	2980	4.80	8.42	13.82
	22	13	13	13	2.70	1.67	1.67	1.67	4.2	7.7	10.3	950	1760	2980	4.80	8.42	13.82
	24	13	13	13	3.00	1.57	1.57	1.57	4.2	7.7	10.3	950	1760	2980	4.80	8.42	13.82
	16	16	13	13	2.11	2.11	1.74	1.74	4.2	7.7	10.3	950	1760	2980	4.80	8.42	13.82
	22	16	13	13	2.58	1.94	1.59	1.59	4.2	7.7	10.3	950	1760	2980	4.80	8.42	13.82
	24	16	13	13	2.88	1.82	1.50	1.50	4.2	7.7	10.3	950	1760	2980	4.80	8.42	13.82

Cooling, 220V

RAS-5M38S3ACV, RAS-5M38S3ACV-ID

Operating status	Combination					Unit capacity (kW)					Cooling capacity (kW)			Power input (W)			Operating current (A)		
	Unit A	Unit B	Unit C	Unit D	Unit E	Unit A	Unit B	Unit C	Unit D	Unit E	Min.	Rated	Max.	Min.	Rated	Max.	Min.	Rated	Max.
1 unit operation	10	-	-	-	-	2.70	-	-	-	-	1.4	2.7	3.2	640	750	950	3.83	4.43	4.64
	13	-	-	-	-	3.70	-	-	-	-	1.4	3.7	4.4	640	1200	1520	3.68	6.20	7.20
	16	-	-	-	-	4.50	-	-	-	-	1.4	4.5	5.0	640	1650	2000	3.68	7.98	9.28
	22	-	-	-	-	6.00	-	-	-	-	2.4	6.0	6.8	640	2020	2500	3.68	9.56	11.60
	24	-	-	-	-	7.10	-	-	-	-	2.4	7.1	7.2	660	2390	2960	3.08	11.32	13.73
2 units operation	10	10	-	-	-	2.70	2.70	-	-	-	2.5	5.4	6.3	640	1430	2180	3.64	6.84	10.11
	13	10	-	-	-	3.70	2.70	-	-	-	2.7	6.4	7.1	660	1850	2370	3.75	8.85	10.99
	16	10	-	-	-	4.38	2.63	-	-	-	2.9	7.0	7.3	670	2200	2460	3.81	10.53	11.41
	22	10	-	-	-	5.72	2.58	-	-	-	3.2	8.3	8.6	700	2360	2540	3.98	11.29	11.78
	24	10	-	-	-	6.01	2.29	-	-	-	3.2	8.3	8.6	700	2360	2540	3.98	11.29	11.78
	13	13	-	-	-	3.50	3.50	-	-	-	2.9	7.0	7.3	670	2200	2460	3.81	10.53	11.41
	16	13	-	-	-	3.84	3.16	-	-	-	2.9	7.0	7.3	670	2200	2460	3.81	10.53	11.41
	22	13	-	-	-	5.13	3.17	-	-	-	3.2	8.3	8.6	700	2360	2540	3.98	11.29	11.78
	24	13	-	-	-	5.46	2.84	-	-	-	3.2	8.3	8.6	700	2360	2540	3.98	11.29	11.78
	16	16	-	-	-	3.50	3.50	-	-	-	2.9	7.0	7.3	670	2200	2460	3.81	10.53	11.41
	22	16	-	-	-	4.74	3.56	-	-	-	3.2	8.3	8.6	700	2360	2540	3.98	11.29	11.78
	24	16	-	-	-	5.08	3.22	-	-	-	3.2	8.3	8.6	700	2360	2540	3.98	11.29	11.78
	22	22	-	-	-	4.20	4.20	-	-	-	3.2	8.4	8.7	700	2380	2540	3.98	11.27	11.78
	22	24	-	-	-	3.85	4.55	-	-	-	3.2	8.4	8.7	700	2380	2540	3.98	11.27	11.78
	24	24	-	-	-	4.20	4.20	-	-	-	3.2	8.4	8.7	700	2380	2540	3.98	11.27	11.78

Combination tables

Cooling, 220V

RAS-5M38S3ACV, RAS-5M38S3ACV-ID

Operating status	Combination					Unit capacity (kW)					Cooling capacity (kW)			Power input (W)			Operating current (A)		
	Unit A	Unit B	Unit C	Unit D	Unit E	Unit A	Unit B	Unit C	Unit D	Unit E	Min.	Rated	Max.	Min.	Rated	Max.	Min.	Rated	Max.
3 units operation	10	10	10	-	-	2.70	2.70	2.70	-	-	3.8	8.1	8.7	950	2400	2850	5.40	11.48	13.22
	13	10	10	-	-	3.46	2.52	2.52	-	-	4.1	8.5	9.5	980	2460	2980	5.57	11.77	13.82
	16	10	10	-	-	3.86	2.32	2.32	-	-	4.1	8.5	9.5	980	2430	2980	5.57	11.63	13.82
	22	10	10	-	-	4.63	2.08	2.08	-	-	4.1	8.8	9.6	970	2380	2970	5.51	11.39	13.78
	24	10	10	-	-	5.00	1.90	1.90	-	-	4.1	8.8	9.6	970	2380	2970	5.51	11.39	13.78
	13	13	10	-	-	3.11	3.11	2.27	-	-	4.1	8.5	9.5	970	2430	2980	5.51	11.63	13.82
	16	13	10	-	-	3.51	2.89	2.11	-	-	4.1	8.5	9.5	970	2430	2980	5.51	11.63	13.82
	22	13	10	-	-	4.26	2.63	1.92	-	-	4.1	8.8	9.6	970	2380	2970	5.51	11.39	13.78
	24	13	10	-	-	4.63	2.41	1.76	-	-	4.1	8.8	9.6	970	2380	2970	5.51	11.39	13.78
	16	16	10	-	-	3.35	3.35	2.01	-	-	4.1	8.7	9.6	970	2430	2980	5.51	11.63	13.82
	22	16	10	-	-	4.00	3.00	1.80	-	-	4.1	8.8	9.6	970	2380	2970	5.51	11.39	13.78
	24	16	10	-	-	4.37	2.77	1.66	-	-	4.1	8.8	9.6	970	2380	2970	5.51	11.39	13.78
	13	13	13	-	-	2.83	2.83	2.83	-	-	4.1	8.5	9.5	970	2430	2980	5.51	11.51	13.82
	16	13	13	-	-	3.21	2.64	2.64	-	-	4.1	8.5	9.5	970	2430	2980	5.51	11.51	13.82
	22	13	13	-	-	3.94	2.43	2.43	-	-	4.1	8.8	9.6	970	2380	2970	5.51	11.27	13.78
	24	13	13	-	-	4.31	2.25	2.25	-	-	4.1	8.8	9.6	970	2380	2970	4.90	11.39	13.78
	16	16	13	-	-	3.01	3.01	2.48	-	-	4.1	8.5	9.5	970	2430	2980	4.90	11.63	13.82
	16	16	16	-	-	2.83	2.83	2.83	-	-	4.1	8.5	9.5	970	2430	2980	4.90	11.63	13.82
	22	16	13	-	-	3.72	2.79	2.29	-	-	4.1	8.8	9.6	970	2380	2970	4.90	11.39	13.78
	24	16	13	-	-	4.08	2.59	2.13	-	-	4.1	8.8	9.6	970	2380	2970	4.90	11.39	13.78
	22	22	10	-	-	3.63	3.63	1.63	-	-	4.3	8.9	9.7	970	2380	2970	4.90	11.39	13.78
	24	22	10	-	-	4.00	3.38	1.52	-	-	4.1	8.9	9.7	970	2380	2970	4.90	11.39	13.78
	24	24	10	-	-	3.74	3.74	1.42	-	-	4.1	8.9	9.7	970	2380	2970	4.90	11.39	13.78
	4 units operation	10	10	10	10	-	2.38	2.38	2.38	2.38	-	4.1	9.5	10.0	940	2600	3000	4.75	12.44
13		10	10	10	-	3.01	2.20	2.20	2.20	-	4.1	9.6	10.2	940	2660	2980	4.75	12.73	13.82
16		10	10	10	-	3.54	2.12	2.12	2.12	-	4.2	9.9	10.3	950	2820	2980	4.80	13.49	13.82
22		10	10	10	-	4.26	1.91	1.91	1.91	-	4.2	10.0	10.3	950	2820	2980	4.80	13.49	13.82
24		10	10	10	-	4.67	1.78	1.78	1.78	-	4.2	10.0	10.3	950	2820	2980	4.80	13.49	13.82
13		13	10	10	-	2.78	2.78	2.03	2.03	-	4.2	9.6	10.3	950	2660	2980	4.80	12.73	13.82
16		13	10	10	-	3.28	2.69	1.97	1.97	-	4.2	9.9	10.3	950	2820	2980	4.80	13.49	13.82
22		13	10	10	-	3.97	2.45	1.79	1.79	-	4.2	10.0	10.3	950	2820	2980	4.80	13.49	13.82
24		13	10	10	-	4.38	2.28	1.67	1.67	-	4.2	10.0	10.3	950	2820	2980	4.80	13.49	13.82
16		16	10	10	-	3.09	3.09	1.86	1.86	-	4.2	9.9	10.3	950	2820	2980	4.80	13.49	13.82
22		16	10	10	-	3.77	2.83	1.70	1.70	-	4.2	10.0	10.3	950	2820	2980	4.80	13.49	13.82
24		16	10	10	-	4.18	2.65	1.59	1.59	-	4.2	10.0	10.3	950	2820	2980	4.80	13.49	13.82
13		13	13	10	-	2.60	2.60	2.60	1.90	-	4.2	9.7	10.3	950	2790	2980	4.80	13.35	13.82
16		13	13	10	-	3.05	2.51	2.51	1.83	-	4.2	9.9	10.3	950	2820	2980	4.80	13.49	13.82
22		13	13	10	-	3.73	2.30	2.30	1.68	-	4.2	10.0	10.3	950	2820	2980	4.80	13.49	13.82
24		13	13	10	-	4.13	2.15	2.15	1.57	-	4.2	10.0	10.3	950	2820	2980	4.80	13.49	13.82
16		16	13	10	-	2.89	2.89	2.38	1.74	-	4.2	9.9	10.3	950	2820	2980	4.80	13.49	13.82
22		16	13	10	-	3.55	2.66	2.19	1.60	-	4.2	10.0	10.3	950	2820	2980	4.80	13.49	13.82
24		16	13	10	-	3.94	2.50	2.06	1.50	-	4.2	10.0	10.3	950	2820	2980	4.80	13.49	13.82
13		13	13	13	-	2.43	2.43	2.43	2.43	-	4.2	9.7	10.3	950	2790	2980	4.80	13.35	13.82
16		13	13	13	-	2.86	2.35	2.35	2.35	-	4.2	9.9	10.3	950	2820	2980	4.80	13.49	13.82
22		13	13	13	-	3.51	2.16	2.16	2.16	-	4.2	10.0	10.3	950	2820	2980	4.80	13.49	13.82
24		13	13	13	-	3.90	2.03	2.03	2.03	-	4.2	10.0	10.3	950	2820	2980	4.80	13.49	13.82
16		16	13	13	-	2.72	2.72	2.23	2.23	-	4.2	9.9	10.3	950	2820	2980	4.80	13.49	13.82
22	16	13	13	-	3.35	2.51	2.07	2.07	-	4.2	10.0	10.3	950	2820	2980	4.80	13.49	13.82	
24	16	13	13	-	3.74	2.37	1.95	2.07	-	4.2	10.0	10.3	950	2820	2980	4.80	13.49	13.82	
5 units operation	10	10	10	10	10	2.20	2.20	2.20	2.20	2.20	3.7	11.0	11.5	950	3340	3550	4.80	15.98	16.47
	13	10	10	10	10	2.81	2.05	2.05	2.05	2.05	3.7	11.0	11.5	950	3340	3550	4.80	15.98	16.47
	16	10	10	10	10	3.24	1.94	1.94	1.94	1.94	3.7	11.0	11.6	950	3300	3550	4.80	15.79	16.47
	13	13	10	10	10	2.63	2.63	1.92	1.92	1.92	3.7	11.0	11.6	950	3300	3550	4.80	15.79	16.47
	16	13	10	10	10	3.04	2.50	1.82	1.82	1.82	3.7	11.0	11.8	950	3300	3550	4.80	15.79	16.47
	16	16	10	10	10	2.89	2.89	1.74	1.74	1.74	3.7	11.0	12.0	950	3280	3550	4.80	15.69	16.47
	13	13	13	10	10	2.47	2.47	2.47	1.80	1.80	3.7	11.0	11.8	950	3300	3550	4.80	15.79	16.47

Combination tables

Cooling, 220V

RAS-5M38S3ACV, RAS-5M38S3ACV-ID

Operating status	Combination					Unit capacity (kW)					Cooling capacity (kW)			Power input (W)			Operating current (A)		
	Unit A	Unit B	Unit C	Unit D	Unit E	Unit A	Unit B	Unit C	Unit D	Unit E	Min.	Rated	Max.	Min.	Rated	Max.	Min.	Rated	Max.
5 units operation	16	13	13	10	10	2.86	2.35	2.35	1.72	1.72	3.7	11.0	12.0	950	3280	3550	4.80	15.69	16.47
	16	16	13	10	10	2.73	2.73	2.25	1.64	1.64	3.7	11.0	12.0	950	3280	3550	4.80	15.69	16.47
	13	13	13	13	10	2.33	2.33	2.33	2.33	1.70	3.7	11.0	12.0	950	3280	3550	4.80	15.69	16.47
	16	13	13	13	10	2.71	2.22	2.22	2.22	1.62	3.7	11.0	12.0	950	3280	3550	4.80	15.69	16.47
	16	16	13	13	10	2.59	2.59	2.13	2.13	1.55	3.7	11.0	12.0	950	3280	3550	4.80	15.69	16.47
	13	13	13	13	13	2.20	2.20	2.20	2.20	2.20	3.7	11.0	12.0	950	3280	3550	4.80	15.69	16.47
	16	13	13	13	13	2.56	2.11	2.11	2.11	2.11	3.7	11.0	12.0	950	3280	3550	4.80	15.69	16.47
	16	16	13	13	13	2.46	2.46	2.02	2.02	2.02	3.7	11.0	12.1	950	3240	3550	4.80	15.50	16.47
	22	10	10	10	10	3.93	1.77	1.77	1.77	1.77	3.7	11.0	12.1	950	3240	3550	4.80	15.50	16.47
	22	13	10	10	10	3.71	2.29	1.67	1.67	1.67	3.7	11.0	12.1	950	3240	3550	4.80	15.50	16.47
	22	13	13	10	10	3.51	2.16	2.16	1.58	1.58	3.7	11.0	12.1	950	3240	3550	4.80	15.50	16.47
	22	13	13	13	10	3.33	2.06	2.06	2.06	1.50	3.7	11.0	12.1	950	3240	3550	4.80	15.50	16.47
	24	10	10	10	10	4.36	1.66	1.66	1.66	1.66	3.7	11.0	12.1	950	3240	3550	4.80	15.50	16.47
	24	13	10	10	10	4.13	2.15	1.57	1.57	1.57	3.7	11.0	12.1	950	3240	3550	4.80	15.50	16.47
	22	13	13	10	10	3.92	2.05	2.05	1.49	1.49	3.7	11.0	12.1	950	3240	3550	4.80	15.50	16.47

Cooling, 230V

Operating status	Combination					Unit capacity (kW)					Cooling capacity (kW)			Power input (W)			Operating current (A)		
	Unit A	Unit B	Unit C	Unit D	Unit E	Unit A	Unit B	Unit C	Unit D	Unit E	Min.	Rated	Max.	Min.	Rated	Max.	Min.	Rated	Max.
1 unit operation	10	-	-	-	-	2.70	-	-	-	-	1.4	2.7	3.2	640	750	950	3.83	4.43	4.64
	13	-	-	-	-	3.70	-	-	-	-	1.4	3.7	4.4	640	1200	1520	3.68	6.20	7.20
	16	-	-	-	-	4.50	-	-	-	-	1.4	4.5	5.0	640	1650	2000	3.68	7.98	9.28
	22	-	-	-	-	6.00	-	-	-	-	2.4	6.0	6.8	640	2020	2500	3.68	9.56	11.60
	24	-	-	-	-	7.10	-	-	-	-	2.4	7.1	7.2	660	2390	2960	3.08	11.32	13.73
2 units operation	10	10	-	-	-	2.70	2.70	-	-	-	2.5	5.4	6.3	640	1430	2180	3.48	6.54	9.67
	13	10	-	-	-	3.70	2.70	-	-	-	2.7	6.4	7.1	660	1850	2370	3.59	8.47	10.51
	16	10	-	-	-	4.38	2.63	-	-	-	2.9	7.0	7.3	670	2200	2460	3.64	10.07	10.91
	22	10	-	-	-	5.72	2.58	-	-	-	3.2	8.3	8.6	700	2360	2540	3.80	10.80	11.27
	24	10	-	-	-	6.01	2.29	-	-	-	3.2	8.3	8.6	700	2360	2540	3.80	10.80	11.27
	13	13	-	-	-	3.50	3.50	-	-	-	2.9	7.0	7.3	670	2200	2460	3.64	10.07	10.91
	16	13	-	-	-	3.84	3.16	-	-	-	2.9	7.0	7.3	670	2200	2460	3.64	10.07	10.91
	22	13	-	-	-	5.13	3.17	-	-	-	3.2	8.3	8.6	700	2360	2540	3.80	10.80	11.27
	24	13	-	-	-	5.46	2.84	-	-	-	3.2	8.3	8.6	700	2360	2540	3.80	10.80	11.27
	16	16	-	-	-	3.50	3.50	-	-	-	2.9	7.0	7.3	670	2200	2460	3.64	10.07	10.91
	22	16	-	-	-	4.74	3.56	-	-	-	3.2	8.3	8.6	700	2360	2540	3.80	10.80	11.27
	24	16	-	-	-	5.08	3.22	-	-	-	3.2	8.3	8.6	700	2360	2540	3.80	10.80	11.27
	22	22	-	-	-	4.20	4.20	-	-	-	3.2	8.4	8.7	700	2380	2540	3.80	10.78	11.27
	22	24	-	-	-	3.85	4.55	-	-	-	3.2	8.4	8.7	700	2380	2540	3.80	10.78	11.27
	24	24	-	-	-	4.20	4.20	-	-	-	3.2	8.4	8.7	700	2380	2540	3.80	10.78	11.27
3 units operation	10	10	10	-	-	2.70	2.70	2.70	-	-	3.8	8.1	8.7	950	2400	2850	5.16	10.98	12.64
	13	10	10	-	-	3.46	2.52	2.52	-	-	4.1	8.5	9.5	980	2460	2980	5.33	11.26	13.22
	16	10	10	-	-	3.86	2.32	2.32	-	-	4.1	8.5	9.5	980	2430	2980	5.33	11.12	13.22
	22	10	10	-	-	4.63	2.08	2.08	-	-	4.1	8.8	9.6	970	2380	2970	5.27	10.89	13.18
	24	10	10	-	-	5.00	1.90	1.90	-	-	4.1	8.8	9.6	970	2380	2970	5.27	10.89	13.18
	13	13	10	-	-	3.11	3.11	2.27	-	-	4.1	8.5	9.5	970	2430	2980	5.27	11.12	13.22
	16	13	10	-	-	3.51	2.89	2.11	-	-	4.1	8.5	9.5	970	2430	2980	5.27	11.12	13.22
	22	13	10	-	-	4.26	2.63	1.92	-	-	4.1	8.8	9.6	970	2380	2970	5.27	10.89	13.18
	24	13	10	-	-	4.63	2.41	1.76	-	-	4.1	8.8	9.6	970	2380	2970	5.27	10.89	13.18
	16	16	10	-	-	3.35	3.35	2.01	-	-	4.1	8.7	9.6	970	2430	2980	5.27	11.12	13.22
	22	16	10	-	-	4.00	3.00	1.80	-	-	4.1	8.8	9.6	970	2380	2970	5.27	10.89	13.18
	24	16	10	-	-	4.37	2.77	1.66	-	-	4.1	8.8	9.6	970	2380	2970	5.27	11.89	13.18
	13	13	13	-	-	2.83	2.83	2.83	-	-	4.1	8.5	9.5	970	2430	2980	5.27	11.01	13.22
	16	13	13	-	-	3.21	2.64	2.64	-	-	4.1	8.5	9.5	970	2430	2980	5.27	11.01	13.22
	22	13	13	-	-	3.94	2.43	2.43	-	-	4.1	8.8	9.6	970	2380	2970	5.27	10.78	13.18
	24	13	13	-	-	4.31	2.25	2.25	-	-	4.1	8.8	9.6	970	2380	2970	4.69	10.89	13.18
	16	16	13	-	-	3.01	3.01	2.48	-	-	4.1	8.5	9.5	970	2430	2980	4.69	11.12	13.22

Combination tables

Cooling, 230V

RAS-5M38S3ACV, RAS-5M38S3ACV-ID

Operating status	Combination					Unit capacity (kW)					Cooling capacity (kW)			Power input (W)			Operating current (A)		
	Unit A	Unit B	Unit C	Unit D	Unit E	Unit A	Unit B	Unit C	Unit D	Unit E	Min.	Rated	Max.	Min.	Rated	Max.	Min.	Rated	Max.
3 units operation	16		16	-	-	2.83	2.83	2.83	-	-	4.1	8.5	9.5	970	2430	2980	4.69	11.12	13.22
	22	16	13	-	-	3.72	2.79	2.29	-	-	4.1	8.8	9.6	970	2380	2970	4.69	10.89	13.18
	24	16	13	-	-	4.08	2.59	2.13	-	-	4.1	8.8	9.6	970	2380	2970	4.69	10.89	13.18
	22	22	10	-	-	3.63	3.63	1.63	-	-	4.3	8.9	9.7	970	2380	2970	4.69	10.89	13.18
	24	22	10	-	-	4.00	3.38	1.52	-	-	4.1	8.9	9.7	970	2380	2970	4.69	10.89	13.18
	24	24	10	-	-	3.74	3.74	1.42	-	-	4.1	8.9	9.7	970	2380	2970	4.69	10.89	13.18
4 units operation	10	10	10	10	-	2.38	2.38	2.38	2.38	-	4.1	9.5	10.0	940	2600	3000	4.54	11.90	13.31
	13	10	10	10	-	3.01	2.20	2.20	2.20	-	4.1	9.6	10.2	940	2660	2980	4.54	12.17	13.22
	16	10	10	10	-	3.54	2.12	2.12	2.12	-	4.2	9.9	10.3	950	2820	2980	4.59	12.91	13.22
	22	10	10	10	-	4.26	1.91	1.91	1.91	-	4.2	10.0	10.3	950	2820	2980	4.59	12.91	13.22
	24	10	10	10	-	4.67	1.78	1.78	1.78	-	4.2	10.0	10.3	950	2820	2980	4.59	12.91	13.22
	13	13	10	10	-	2.78	2.78	2.03	2.03	-	4.2	9.6	10.3	950	2660	2980	4.59	12.17	13.22
	16	13	10	10	-	3.28	2.69	1.97	1.97	-	4.2	9.9	10.3	950	2820	2980	4.59	12.91	13.22
	22	13	10	10	-	3.97	2.45	1.79	1.79	-	4.2	10.0	10.3	950	2820	2980	4.59	12.91	13.22
	24	13	10	10	-	4.38	2.28	1.67	1.67	-	4.2	10.0	10.3	950	2820	2980	4.59	12.91	13.22

Combination tables

Cooling, 240V

RAS-5M38S3ACV, RAS-5M38S3ACV-ID																			
Operating status	Combination					Unit capacity (kW)					Cooling capacity (kW)			Power input (W)			Operating current (A)		
	Unit A	Unit B	Unit C	Unit D	Unit E	Unit A	Unit B	Unit C	Unit D	Unit E	Min.	Rated	Max.	Min.	Rated	Max.	Min.	Rated	Max.
1 unit operation	10	-	-	-	-	2.70	-	-	-	-	1.4	2.7	3.2	640	750	950	3.51	4.06	4.26
	13	-	-	-	-	3.70	-	-	-	-	1.4	3.7	4.4	640	1200	1520	3.38	5.68	6.60
	16	-	-	-	-	4.50	-	-	-	-	1.4	4.5	5.0	640	1650	2000	3.38	7.31	8.50
	22	-	-	-	-	6.00	-	-	-	-	2.4	6.0	6.8	640	2020	2500	3.38	8.77	10.63
	24	-	-	-	-	7.10	-	-	-	-	2.4	7.1	7.2	660	2390	2960	3.48	10.37	12.59
2 units operation	10	10	-	-	-	2.70	2.70	-	-	-	2.5	5.4	6.3	640	1430	2180	3.33	6.27	9.27
	13	10	-	-	-	3.70	2.70	-	-	-	2.7	6.4	7.1	660	1850	2370	3.44	8.11	10.08
	16	10	-	-	-	4.38	2.63	-	-	-	2.9	7.0	7.3	670	2200	2460	3.49	9.65	10.46
	22	10	-	-	-	5.72	2.58	-	-	-	3.2	8.3	8.6	700	2360	2540	3.65	10.35	10.80
	24	10	-	-	-	6.01	2.29	-	-	-	3.2	8.3	8.6	700	2360	2540	3.65	10.35	10.80
	13	13	-	-	-	3.50	3.50	-	-	-	2.9	7.0	7.3	670	2200	2460	3.49	9.65	10.46
	16	13	-	-	-	3.84	3.16	-	-	-	2.9	7.0	7.3	670	2200	2460	3.49	9.65	10.46
	22	13	-	-	-	5.13	3.17	-	-	-	3.2	8.3	8.6	700	2360	2540	3.65	10.35	10.80
	24	13	-	-	-	5.46	2.84	-	-	-	3.2	8.3	8.6	700	2360	2540	3.65	10.35	10.80
	16	16	-	-	-	3.50	3.50	-	-	-	2.9	7.0	7.3	670	2200	2460	3.65	10.35	10.80
	22	16	-	-	-	4.74	3.56	-	-	-	3.2	8.3	8.6	700	2360	2540	3.65	10.35	10.80
	24	16	-	-	-	5.08	3.22	-	-	-	3.2	8.3	8.6	700	2360	2540	3.65	10.33	10.80
	22	22	-	-	-	4.20	4.20	-	-	-	3.2	8.4	8.7	700	2380	2540	3.65	10.33	10.80
	22	24	-	-	-	3.85	4.55	-	-	-	3.2	8.4	8.7	700	2380	2540	3.65	10.33	10.80
	24	24	-	-	-	4.20	4.20	-	-	-	3.2	8.4	8.7	700	2380	2540	3.65	10.33	10.80
3 units operation	10	10	10	-	-	2.70	2.70	2.70	-	-	3.8	8.1	8.7	950	2400	2850	4.95	10.53	12.12
	13	10	10	-	-	3.46	2.52	2.52	-	-	4.1	8.5	9.5	980	2460	2980	5.10	10.79	12.67
	16	10	10	-	-	3.86	2.32	2.32	-	-	4.1	8.5	9.5	980	2430	2980	5.10	10.66	12.67
	22	10	10	-	-	4.63	2.08	2.08	-	-	4.1	8.8	9.6	970	2380	2970	5.05	10.44	12.63
	24	10	10	-	-	5.00	1.90	1.90	-	-	4.1	8.8	9.6	970	2380	2970	5.05	10.44	12.63
	13	13	10	-	-	3.11	3.11	2.27	-	-	4.1	8.5	9.5	970	2430	2980	5.05	10.66	12.67
	16	13	10	-	-	3.51	2.89	2.11	-	-	4.1	8.5	9.5	970	2430	2980	5.05	10.66	12.67
	22	13	10	-	-	4.26	2.63	1.92	-	-	4.1	8.8	9.6	970	2380	2970	5.05	10.44	12.63
	24	13	10	-	-	4.63	2.41	1.76	-	-	4.1	8.8	9.6	970	2380	2970	5.05	10.44	12.63
	16	16	10	-	-	3.35	3.35	2.01	-	-	4.1	8.7	9.6	970	2430	2980	5.05	10.66	12.67
	22	16	10	-	-	4.00	3.00	1.80	-	-	4.1	8.8	9.6	970	2380	2970	5.05	10.44	12.63
	24	16	10	-	-	4.37	2.77	1.66	-	-	4.1	8.8	9.6	970	2380	2970	5.05	10.44	12.63
	13	13	13	-	-	2.83	2.83	2.83	-	-	4.1	8.5	9.5	970	2430	2980	5.05	10.55	12.67
	16	13	13	-	-	3.21	2.64	2.64	-	-	4.1	8.5	9.5	970	2430	2980	5.05	10.55	12.67
	22	13	13	-	-	3.94	2.43	2.43	-	-	4.1	8.8	9.6	970	2380	2970	5.05	10.33	12.63
	24	13	13	-	-	4.31	2.25	2.25	-	-	4.1	8.8	9.6	970	2380	2970	4.49	10.44	12.63
	16	16	13	-	-	3.01	3.01	2.48	-	-	4.1	8.5	9.5	970	2430	2980	4.49	10.66	12.67
	16	16	16	-	-	2.83	2.83	2.83	-	-	4.1	8.5	9.5	970	2430	2980	4.49	10.66	12.67
	22	16	13	-	-	3.72	2.79	2.29	-	-	4.1	8.8	9.6	970	2380	2970	4.49	10.44	12.63
	24	16	13	-	-	4.08	2.59	2.13	-	-	4.1	8.8	9.6	970	2380	2970	4.49	10.44	12.63
	22	22	10	-	-	3.63	3.63	1.63	-	-	4.3	8.9	9.7	970	2380	2970	4.49	10.44	12.63
	24	22	10	-	-	4.00	3.38	1.52	-	-	4.1	8.9	9.7	970	2380	2970	4.49	10.44	12.63
	24	24	10	-	-	3.74	3.74	1.42	-	-	4.1	8.9	9.7	970	2380	2970	4.49	10.44	12.63
4 units operation	10	10	10	10	-	2.38	2.38	2.38	2.38	-	4.1	9.5	10.0	940	2600	3000	4.35	11.40	12.76
	13	10	10	10	-	3.01	2.20	2.20	2.20	-	4.1	9.6	10.2	940	2660	2980	4.35	11.67	12.67
	16	10	10	10	-	3.54	2.12	2.12	2.12	-	4.2	9.9	10.3	950	2820	2980	4.40	12.37	12.67
	22	10	10	10	-	4.26	1.91	1.91	1.91	-	4.2	10.0	10.3	950	2820	2980	4.40	12.37	12.67
	24	10	10	10	-	4.67	1.78	1.78	1.78	-	4.2	10.0	10.3	950	2820	2980	4.40	12.37	12.67
	13	13	10	10	-	2.78	2.78	2.03	2.03	-	4.2	9.6	10.3	950	2660	2980	4.40	11.67	12.67
	16	13	10	10	-	3.28	2.69	1.97	1.97	-	4.2	9.9	10.3	950	2820	2980	4.40	12.37	12.67
	22	13	10	10	-	3.97	2.45	1.79	1.79	-	4.2	10.0	10.3	950	2820	2980	4.40	12.37	12.67
	24	13	10	10	-	4.38	2.28	1.67	1.67	-	4.2	10.0	10.3	950	2820	2980	4.40	12.37	12.67
	16	16	10	10	-	3.09	3.09	1.86	1.86	-	4.2	9.9	10.3	950	2820	2980	4.40	12.37	12.67
	22	16	10	10	-	3.77	2.83	1.70	1.70	-	4.2	10.0	10.3	950	2820	2980	4.40	12.37	12.67
	24	16	10	10	-	4.18	2.65	1.59	1.59	-	4.2	10.0	10.3	950	2820	2980	4.40	12.37	12.67

Combination tables

Cooling, 240V

Cooling, 240V											RAS-5M38S3ACV, RAS-5M38S3ACV-ID									
Operating status	Combination					Unit capacity (kW)					Cooling capacity (kW)			Power input (W)			Operating current (A)			
	Unit A	Unit B	Unit C	Unit D	Unit E	Unit A	Unit B	Unit C	Unit D	Unit E	Min.	Rated	Max.	Min.	Rated	Max.	Min.	Rated	Max.	
4 units operation	13	13	13	10	-	2.60	2.60	2.60	1.90	-	4.2	9.7	10.3	950	2790	2980	4.40	12.24	12.67	
	16	13	13	10	-	3.05	2.51	2.51	1.83	-	4.2	9.9	10.3	950	2820	2980	4.40	12.37	12.67	
	22	13	13	10	-	3.73	2.30	2.30	1.68	-	4.2	10.0	10.3	950	2820	2980	4.40	12.37	12.67	
	24	13	13	10	-	4.13	2.15	2.15	1.57	-	4.2	10.0	10.3	950	2820	2980	4.40	12.37	12.67	
	16	16	13	10	-	2.89	2.89	2.38	1.74	-	4.2	9.9	10.3	950	2820	2980	4.40	12.37	12.67	
	22	16	13	10	-	3.55	2.66	2.19	1.60	-	4.2	10.0	10.3	950	2820	2980	4.40	12.37	12.67	
	24	16	13	10	-	3.94	2.50	2.06	1.50	-	4.2	10.0	10.3	950	2820	2980	4.40	12.37	12.67	
	13	13	13	13	-	2.43	2.43	2.43	2.43	-	4.2	9.7	10.3	950	2790	2980	4.40	12.24	12.67	
	16	13	13	13	-	2.86	2.35	2.35	2.35	-	4.2	9.9	10.3	950	2820	2980	4.40	12.37	12.67	
	22	13	13	13	-	3.51	2.16	2.16	2.16	-	4.2	10.0	10.3	950	2820	2980	4.40	12.37	12.67	
	24	13	13	13	-	3.90	2.03	2.03	2.03	-	4.2	10.0	10.3	950	2820	2980	4.40	12.37	12.67	
	16	16	13	13	-	2.72	2.72	2.23	2.23	-	4.2	9.9	10.3	950	2820	2980	4.40	12.37	12.67	
	22	16	13	13	-	3.35	2.51	2.07	2.07	-	4.2	10.0	10.3	950	2820	2980	4.40	12.37	12.67	
	24	16	13	13	-	3.74	2.37	1.95	2.07	-	4.2	10.0	10.3	950	2820	2980	4.40	12.37	12.67	
5 units operation	10	10	10	10	10	2.20	2.20	2.20	2.20	2.20	3.7	11.0	11.5	950	3340	3550	4.40	14.65	15.09	
	13	10	10	10	10	2.81	2.05	2.05	2.05	2.05	3.7	11.0	11.5	950	3340	3550	4.40	14.65	15.09	
	16	10	10	10	10	3.24	1.94	1.94	1.94	1.94	3.7	11.0	11.6	950	3300	3550	4.40	14.47	15.09	
	13	13	10	10	10	2.63	2.63	1.92	1.92	1.92	3.7	11.0	11.6	950	3300	3550	4.40	14.47	15.09	
	16	13	10	10	10	3.04	2.50	1.82	1.82	1.82	3.7	11.0	11.8	950	3300	3550	4.40	14.47	15.09	
	16	16	10	10	10	2.89	2.89	1.74	1.74	1.74	3.7	11.0	12.0	950	3280	3550	4.40	14.39	15.09	
	13	13	13	10	10	2.47	2.47	2.47	1.80	1.80	3.7	11.0	11.8	950	3300	3550	4.40	14.47	15.09	
	16	13	13	10	10	2.86	2.35	2.35	1.72	1.72	3.7	11.0	12.0	950	3280	3550	4.40	14.39	15.09	
	16	16	13	10	10	2.73	2.73	2.25	1.64	1.64	3.7	11.0	12.0	950	3280	3550	4.40	14.39	15.09	
	13	13	13	13	10	2.33	2.33	2.33	2.33	1.70	3.7	11.0	12.0	950	3280	3550	4.40	14.39	15.09	
	16	13	13	13	10	2.71	2.22	2.22	2.22	1.62	3.7	11.0	12.0	950	3280	3550	4.40	14.39	15.09	
	16	16	13	13	10	2.59	2.59	2.13	2.13	1.55	3.7	11.0	12.0	950	3280	3550	4.40	14.39	15.09	
	13	13	13	13	13	2.20	2.20	2.20	2.20	2.20	3.7	11.0	12.0	950	3280	3550	4.40	14.39	15.09	
	16	13	13	13	13	2.56	2.11	2.11	2.11	2.11	3.7	11.0	12.0	950	3280	3550	4.40	14.39	15.09	
	16	16	13	13	13	2.46	2.46	2.02	2.02	2.02	3.7	11.0	12.1	950	3240	3550	4.40	14.21	15.09	
	22	10	10	10	10	3.93	1.77	1.77	1.77	1.77	3.7	11.0	12.1	950	3240	3550	4.40	14.21	15.09	
	22	13	10	10	10	3.71	2.29	1.67	1.67	1.67	3.7	11.0	12.1	950	3240	3550	4.40	14.21	15.09	
	22	13	13	10	10	3.51	2.16	2.16	1.58	1.58	3.7	11.0	12.1	950	3240	3550	4.40	14.21	15.09	
	22	13	13	13	10	3.33	2.06	2.06	2.06	1.50	3.7	11.0	12.1	950	3240	3550	4.40	14.21	15.09	
	24	10	10	10	10	4.36	1.66	1.66	1.66	1.66	3.7	11.0	12.1	950	3240	3550	4.40	14.21	15.09	
24	13	10	10	10	4.13	2.15	1.57	1.57	1.57	3.7	11.0	12.1	950	3240	3550	4.40	14.21	15.09		
24	13	13	10	10	3.92	2.05	2.05	1.49	1.49	3.7	11.0	12.1	950	3240	3550	4.40	14.21	15.09		