

TOSHIBA

HEAT PUMPS

Think Toshiba. Think reliability.



Better Air Solutions



Experience the future

- Sleek modern design
- Eco-friendly
- Magic coil & self cleaning
- Smart Airflow

R32
INVERTER

MULTI-SPLIT SYSTEMS

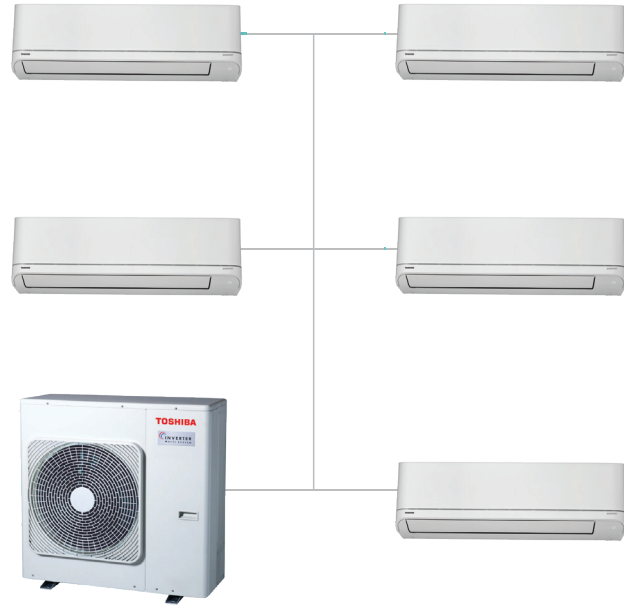


MULTI-SPLIT



Comfort & flexibility

- Toshiba Inverter Multi-split systems feature higher standards of indoor air-quality, sound levels and environmental awareness. For night-time comfort, just press the Quiet button on your remote or App and the indoor unit will be whisper quiet.
- One outdoor unit can serve up to five indoor units for exceptional flexibility and reliability. Toshiba Inverter Multi-system outdoor units are lightweight and compact. Just one outdoor unit takes up minimal space. With the Power Select function, the outdoor unit can also be quieted for overnight comfort. Choose from four types of indoor units: Hi-wall, Ducted, Compact 4-way Cassette and Console type to suit any room or office.



High-quality & savings

- Toshiba is a world-leader with the new super-efficient DC twin-rotary compressor that delivers exceptional power-savings in partial load conditions. The compressor dramatically reduces operating costs when the room or office reaches target temperature, compared to other multi-split systems. Top-class performance at low-energy consumption (SEER up to 6.90 & SCOP up to 4.60).
- Toshiba’s continuous dedication to quality, reliability and innovation towards Toshiba Solutions is why we are recognised universally by air-conditioning professionals.



Fast and precise temperature management with Toshiba Twin-rotary Inverter compressors.

MULTI-SPLIT INVERTER R32

Luxury through technology in RAS multi-split systems

- From 2 to 5 rooms with high-efficiency product.
- Just one outdoor unit can serve up to five indoor rooms.
- Wide choice of internal units: Hi-walls, 4-way cassettes, ducted-type and/or console.
- Compressor DC Twin-Rotary on the whole range.
- Operating range from -20°C in heating mode and up to +46°C in cooling.
- Up to 80 meters of pipe length connections for any installation type.
- Environmentally friendly with R32.

Space saving & silent

- Toshiba multi-split inverter system outdoor units are lightweight, compact and offers quiet operating noise levels.



MAX EFFICIENCY



SEER 6.90

CAPACITY



4kW > 10kW

OPERATION



-20°C < +46°C

INDOOR UNITS



IDU (Bi-refrigerant)
Hi-wall
Console
Ducted
Compact 4-way cassettes

OUTDOOR UNITS



R32
RAS-2M18U2AVG-E

R32
RAS-3M26U2AVG-E
RAS-4M27U2AVG-E
RAS-5M34U2AVG-E

CONTROLS



Wireless remote controls





Weekly remote control optional

WiFi controller (Hi-wall & Console only)





Wired remote control (Cassette & Ducted only)

CHOOSE YOUR ADAPTED SYSTEM SOLUTION



		MULTI-SPLIT INDOOR UNITS					
Indoor Units Sizes		10	13	16	18	22	24
Indoor Units Cooling Capacity		2.5 kW	3.5 kW	4.5 kW	5.0 kW	6.0 kW	7.0 kW
Hi-wall R32 RAS-B**PKVSG-E		•	•	•			•
Console R32 RAS-B**U2FVG-E1		•	•		•		
Compact 4-way cassette R32 RAS-M**U2MUVG-E		•	•	•			
Ducted R32 RAS-M**U2DVG-E		•	•	•			•

• : Indoor units available sizes

		MULTI-SPLIT OUTDOOR					
Indoor Units Sizes		10	13	16	18	22	24
Indoor units Cooling Capacity		2.5 kW	3.5 kW	4.5 kW	5.0 kW	6.0 kW	7.0 kW
2-Room R32 RAS-2M18U2AVG-E CDU Cooling capacity: 5.2 kW		•	•	•			
3-Room R32 RAS-3M26U2AVG-E CDU Cooling capacity: 7.5 kW		•	•	•	•	•	•
4-Room R32 RAS-4M27U2AVG-E CDU Cooling capacity: 8.0 kW		•	•	•	•	•	•
5-Room R32 RAS-5M34U2AVG-E CDU Cooling capacity: 10.0 kW		•	•	•	•	•	•

• : Indoor units sizes compatibility with outdoor units

Compatibilities	2-ROOM	3-ROOM	4-ROOM	5-ROOM
	RAS-2M18U2AVG-E	RAS-3M26U2AVG-E	RAS-4M27U2AVG-E	RAS-5M34U2AVG-E
IDU sizes				
10	•	•	•	•
13	•	•	•	•
16	•	•	•	•
18		•	•	•
22		•	•	•
24		•	•	•

• : Compatibilities


**CDU
PERFORMANCES**

Performance data

Outdoor unit		2-Room Multisplit RAS-2M18U2A/G-E	3-Room Multisplit RAS-3M26U2A/G-E	4-Room Multisplit RAS-4M27U2A/G-E	5-Room Multisplit RAS-5M34U2A/G-E
Cooling capacity	kW	5.2	7.5	8.0	10.0
Cooling capacity (min. - max.)	kW	1.70 - 6.20	4.10 - 9.00	4.20 - 9.30	3.70 - 11.0
Power input	kW C	1.34	2.00	2.29	2.98
EER	W/W	3.88	3.75	3.50	3.36
SEER		6.90	6.19	6.11	6.31
Energy efficiency class	C	A++	A++	A++	A++
Heating capacity	kW	5.6	9.0	9.0	12.0
Heating capacity (min. - max.)	kW	1.30 - 7.50	2.00 - 11.2	2.90 - 11.7	2.70 - 14.0
Power input	kW H	1.19	2.20	1.93	2.83
COP	W/W	4.71	4.09	4.67	4.24
SCOP		4.60	4.44	4.26	4.08
Energy efficiency class	H	A++	A+	A+	A+

Physical data outdoor

Outdoor unit		2-Room Multisplit RAS-2M18U2A/G-E	3-Room Multisplit RAS-3M26U2A/G-E	4-Room Multisplit RAS-4M27U2A/G-E	5-Room Multisplit RAS-5M34U2A/G-E
Air flow	m ³ /h - l/s C	2107-585	2507-696	2507-696	3245-901
Sound pressure level	dB(A) C	47	48	48	52
Sound power level	dB(A) C	60	63	63	66
Operating range	°C C	-10/46	-10/46	-10/46	-10/46
Air flow	m ³ /h - l/s H	2038-566	2507-696	2507-696	3666-1018
Sound pressure level	dB(A) H	50	49	49	55
Sound power level	dB(A) H	63	64	64	68
Operating range	°C H	-20/24	-15/24	-15/24	-15/24
Dimensions (HxWxD)	mm	630 x 800 x 300	890 x 900 x 320	890 x 900 x 320	890 x 900 x 320
Weight	kg	45	72	72	78
Compressor type		DC Twin Rotary	DC Twin Rotary	DC Twin Rotary	DC Twin Rotary
Flare connections - gas		1/4" x 2	3/8" x 1 + 1/2" x 2	3/8" x 2 + 1/2" x 2	3/8" x 3 + 1/2" x 2
Flare connections - liquid		3/8" x 2	1/4" x 3	1/4" x 4	1/4" x 5
Maximum pipe length (per unit/total)	m	20/30	25/70	25/70	25/80
Maximum height difference	m	10	15	15	15
Refrigerant charge	kg	1.02	1.92	1.92	2.39
Chargeless pipe length	m	30	40	40	40
Power supply	V-ph-Hz	220/240-1-50	220/240-1-50	220/240-1-50	220/240-1-50

C: Cooling mode
H: Heating mode

RAS MULTI INDOOR UNITS



HI-WALL

- Elegant compact design
- Self-cleaning function
- High-power select mode
- Silent mode operation

Physical data indoor

Indoor unit	RAS-B10PKVSG-E	RAS-B13PKVSG-E	RAS-B16PKVSG-E	RAS-B24PKVSG-E		
Air Flow	m ³ /h - l/s	C	564 - 156	624 - 173	750 - 208	1074 - 298
Sound pressure level (h/l)	dB(A)	C	38/23	39/23	43/25	47/35
Sound power level (h/l)	dB(A)	C	53/38	54/38	58/40	62/50
Air Flow	m ³ /h - l/s	H	600 - 166	624 - 173	768 - 213	1128 - 313
Sound pressure level (h/l)	dB(A)	H	39/24	39/24	43/26	48/35
Sound power level (h)	dB(A)	H	54/39	54/39	58/41	63/50
Dimensions (h x w x d)	mm		293 x 798 x 230	293 x 798 x 230	293 x 798 x 230	320 x 1050 x 226
Weight	kg		9	10	10	14
Flare connections (gas-liquid)			3/8" - 1/4"	3/8" - 1/4"	1/2" - 1/4"	1/2" - 1/4"

C: Cooling mode
H: Heating mode



CONSOLE

- Bi-flow air delivery system (floor heating)
- Silent operation outdoor unit
- Wireless remote control
- R32 refrigerant gas sensor accessory inside FCU (RB-I301-E)

Physical data indoor

Indoor unit	RAS-B10U2FVG-E1	RAS-B13U2FVG-E1	RAS-B18U2FVG-E1		
Air flow	m ³ /h - l/s	C	468 - 130	510 - 142	600 - 167
Sound pressure level (h/l)	dB(A)	C	39/26	41/27	46/34
Sound power level (h/l)	dB(A)	C	54/38	55/39	60/46
Air flow	m ³ /h - l/s	H	510 - 142	552 - 153	642 - 178
Sound pressure level (h/l)	dB(A)	H	39/23	40/24	46/31
Sound power level (h/l)	dB(A)	H	54/38	55/39	60/46
Dimensions (h x w x d)	mm		600 x 700 x 220	600 x 700 x 220	600 x 700 x 220
Weight	kg		16	16	16
Flare connections (gas-liquid)			3/8" - 1/4"	3/8" - 1/4"	3/8" - 1/4"



COMPACT CASSETTE

- 4-way air diffusion grille
- Elegant Flat Panel modern design & compact
- Dimensions to suit 600x600mm grid ceilings
- Wired or Wireless remote control / Occupancy sensor option
- Individual louver-control / Dual & cycle swing
- Condensate drain-pump included (up to 850mm height)

Physical data indoor

Indoor unit	RAS-M10U2MUVG-E	RAS-M13U2MUVG-E	RAS-M16U2MUVG-E		
Air flow	m ³ /h - l/s	C	590 - 164	620 - 172	660 - 183
Sound pressure level (h/l)	dB(A)	C	37/30	39/33	41/33
Sound power level (h/l)	dB(A)	C	52/45	54/48	56/48
Air flow	m ³ /h - l/s	H	590 - 164	620 - 172	660 - 183
Sound pressure level (h/l)	dB(A)	H	37/30	39/33	41/32
Sound power level (h/l)	dB(A)	H	52/45	54/48	56/47
Dimensions (h x w x d)	mm		256 x 575 x 575	256 x 575 x 575	256 x 575 x 575
Weight	kg		15	15	15
Flare connections (gas-liquid)			3/8" - 1/4"	3/8" - 1/4"	1/2" - 1/4"

INDOOR UNITS



- Slim unit (only 210mm height)
- Adjustable external static pressure
- Condensate drain-pump included (up to 350mm height)
- Air filters optional

Indoor unit			RAS-M10U2DVG-E	RAS-M13U2DVG-E	RAS-M16U2DVG-E	RAS-M24U2DVG-E
Air flow	m/h - l/s	C	570 - 158	610 - 169	780 - 217	1060 - 294
Sound pressure level (h/l)*1	dB(A)	C	35/27	37/27	35/24	39/33
Sound power level (h/l)*1	dB(A)	C	50/42	52/42	50/39	54/48
Air flow	m/h - l/s	H	570 - 158	610 - 169	780 - 217	1060 - 294
Sound pressure level (h/l)*1	dB(A)	H	35/27	37/27	35/25	39/33
Sound power level (h/l)*1	dB(A)	H	50/42	52/42	50/40	54/48
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-liquid)			3/8" - 1/4"	3/8" - 1/4"	1/2" - 1/4"	1/2" - 1/4"
External static pressure (stand / middle1 / middle2 / upper)	Pa		10 / 20 / 35 / 45	10 / 20 / 35 / 45	10 / 20 / 35 / 45	10 / 20 / 35 / 45

C: Cooling mode
H: Heating mode
*1: Back intake. External static pressure 35Pa.

WiFi Controller
(Hi-wall & Floor Console only)

RB-N103S-G
RB-N104S-G

Wall mounted Weekly Remote control
(Cassette & Ducted only)

RB-RWS21-E

MULTI-SPLITS R32 > COMBINATION



RAS-2M18U2AVG-E

> Combination ratings (size 18) heat pump

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

	Operating status	Combination		Unit capacity (kW)		Cooling capacity (kW)			Power consumption (W)			Operating current (A)		
		Unit A	Unit B	Unit A	Unit B	Min.	Rated	Max.	Min.	Rated	Max.	Min.	Rated	Max.
Cooling, 230V	1 unit operation	10	-	2.70	-	1.3	2.7	3.2	240	650	890	1.36	3.25	4.12
		13	-	3.70	-	1.4	3.7	4.1	240	1080	1380	1.36	5.00	6.32
		16	-	4.50	-	1.5	4.5	5.3	250	1370	1950	1.41	6.27	8.92
	2 unit operation	10	10	2.60	2.60	1.7	5.2	5.9	270	1520	1840	1.53	6.95	8.35
		13	10	2.94	2.26	1.7	5.2	6.0	270	1480	1850	1.53	6.77	8.40
		13	13	2.60	2.60	1.7	5.2	6.1	270	1430	1850	1.53	6.55	8.40
		16	10	3.20	2.00	1.7	5.2	6.3	270	1370	1870	1.53	6.29	8.49
		16	13	2.87	2.33	1.7	5.2	6.2	270	1340	1880	1.53	6.15	8.55

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

	Operating status	Combination		Unit capacity (kW)		Heating capacity (kW)			Power consumption (W)			Operating current (A)		
		Unit A	Unit B	Unit A	Unit B	Min.	Rated	Max.	Min.	Rated	Max.	Min.	Rated	Max.
Heating, 230V	1 unit operation	10	-	4.00	-	1.0	4.0	4.8	210	1160	1560	1.19	5.37	7.12
		13	-	5.00	-	1.0	5.0	5.3	210	1580	1770	1.20	7.31	8.10
		16	-	5.50	-	1.1	5.5	6.5	230	1700	2320	1.32	7.86	10.62
	2 unit operation	10	10	2.80	2.80	1.3	5.6	7.3	250	1350	2160	1.40	6.20	9.80
		13	10	3.11	2.49	1.3	5.6	7.5	250	1320	2210	1.40	6.06	10.05
		13	13	2.80	2.80	1.3	5.6	7.5	250	1290	2170	1.40	5.93	9.85
		16	10	3.24	2.36	1.3	5.6	7.5	240	1220	2070	1.36	5.62	9.40
		16	13	2.93	2.67	1.3	5.6	7.5	240	1190	2020	1.36	5.48	9.16

RAS-3M26U2AVG-E

> Combination ratings heat pump

The below specification values are those under the conditions that the indoor DB/WB=27/19°C and the outdoor DB/WB=35/24°C.

	Operating status	Combination			Unit capacity (kW)			Cooling capacity (kW)			Power consumption (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.	
Cooling, 230V	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	
		18	-	-	5.00	-	-	1.4	5.0	5.2	640	1950	2100	3.52	8.92	9.32	
	2 unit operation	10	10	-	-	2.70	2.70	-	2.5	5.4	6.3	640	1500	2100	3.48	6.86	9.32
		13	10	-	-	3.41	2.49	-	2.7	5.9	6.6	660	1700	2220	3.59	7.78	9.85
		16	10	-	-	3.94	2.36	-	2.9	6.3	6.9	670	2000	2400	3.64	9.15	10.65
		13	13	-	-	3.15	3.15	-	2.9	6.3	7.1	670	2000	2400	3.64	9.15	10.65
		16	13	-	-	3.73	3.07	-	3.0	6.8	7.4	690	2200	2450	3.75	10.07	10.87
		16	16	-	-	3.60	3.60	-	3.2	7.2	7.8	700	2300	2500	3.80	10.53	11.09
		18	10	-	-	4.09	2.21	-	2.9	6.3	7.1	670	1900	2400	3.64	8.70	10.65
		18	13	-	-	3.91	2.89	-	3.0	6.8	7.4	690	2200	2450	3.75	10.07	10.87
		18	16	-	-	3.79	3.41	-	3.2	7.2	7.8	700	2300	2500	3.80	10.53	11.09
		18	18	-	-	3.60	3.60	-	3.2	7.2	8.4	700	2300	2550	3.80	10.53	11.31
	3 unit operation	10	10	10	-	-	-	3.9	7.4	8.6	960	1975	2750	4.64	9.04	12.20	
		13	10	10	-	-	-	4.0	7.4	8.8	970	1975	2770	4.69	9.04	12.29	
		16	10	10	-	-	-	4.0	7.4	8.8	970	1975	2770	4.69	9.04	12.29	
		13	13	10	-	-	-	4.0	7.4	8.8	970	1975	2770	4.69	9.04	12.29	
		16	13	10	-	-	-	4.0	7.4	8.8	970	1975	2770	4.69	9.04	12.29	
		13	13	13	-	-	-	4.0	7.4	8.8	970	1975	2770	4.69	9.04	12.29	
		16	16	10	-	-	-	4.0	7.4	8.8	970	1975	2770	4.69	9.04	12.29	
		16	13	13	-	-	-	4.0	7.4	8.8	970	1975	2770	4.69	9.04	12.29	
		16	16	13	-	-	-	4.1	7.5	9.0	980	2000	2800	4.73	9.15	12.42	
		18	10	10	-	-	-	4.0	7.4	8.8	970	1975	2770	4.69	9.04	12.29	
		18	13	10	-	-	-	4.0	7.4	8.8	970	1975	2770	4.69	9.04	12.29	
		18	16	10	-	-	-	4.0	7.4	8.8	970	1975	2770	4.69	9.04	12.29	
		18	13	13	-	-	-	4.0	7.4	8.8	970	1975	2770	4.69	9.04	12.29	

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

	Operating status	Combination			Unit capacity (kW)			Heating capacity (kW)			Power consumption (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.	
Heating, 230V	1 unit operation	10	-	-	4.00	-	-	0.8	4.0	5.2	300	1450	1980	1.79	6.64	8.78	
		13	-	-	5.00	-	-	0.8	5.0	6.5	310	2050	2750	1.85	9.38	12.20	
		16	-	-	5.50	-	-	0.8	5.5	6.9	310	2400	3000	1.85	10.98	13.31	
		18	-	-	6.00	-	-	0.8	6.0	7.1	310	2630	3200	1.85	12.04	14.20	
	2 unit operation	10	10	-	-	3.60	3.60	-	1.5	7.2	9.5	320	2200	3200	1.86	10.07	14.20
		13	10	-	-	4.22	3.38	-	1.5	7.6	9.5	320	2300	3200	1.86	10.53	14.20
		16	10	-	-	4.57	3.33	-	1.5	7.9	9.5	320	2450	3200	1.86	11.21	14.20
		13	13	-	-	3.95	3.95	-	1.5	7.9	9.8	320	2450	3200	1.86	11.21	14.20
		16	13	-	-	4.35	3.95	-	1.5	8.3	10.1	320	2500	3250	1.86	11.44	14.42
		18	10	-	-	4.74	3.16	-	1.5	7.9	9.8	320	2450	3200	1.86	11.21	14.20
		18	13	-	-	4.53	3.77	-	1.5	8.3	10.1	320	2500	3250	1.86	11.44	14.42
		18	16	-	-	4.49	4.11	-	1.5	8.6	10.4	320	2550	3250	1.86	11.67	14.42
		18	18	-	-	4.30	4.30	-	1.5	8.6	10.8	320	2550	3250	1.86	11.67	14.42
		16	16	-	-	4.30	4.30	-	1.5	8.6	10.4	320	2550	3250	1.86	11.67	14.42

MULTI-SPLITS R32 > COMBINATION



RAS-3M26U2AVG-E

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

Operating status	Combination			Unit capacity (kW)			Cooling capacity (kW)			Power consumption (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.
Heating, 230V 3 unit operation	10	10	10	2.97	2.97	2.97	2.0	8.9	10.8	380	2175	2750	2.07	9.95	12.20
	13	10	10	3.42	2.74	2.74	2.0	8.9	11.0	380	2175	2830	2.07	9.95	12.56
	16	10	10	3.63	2.64	2.64	2.0	8.9	11.0	380	2175	2830	2.07	9.95	12.56
	13	13	10	3.18	3.18	2.54	2.0	8.9	11.0	380	2175	2830	2.07	9.95	12.56
	16	13	10	3.38	3.07	2.46	2.0	8.9	11.0	380	2175	2830	2.07	9.95	12.56
	13	13	13	2.97	2.97	2.97	2.0	8.9	11.0	380	2175	2830	2.07	9.95	12.56
	16	16	10	3.26	3.26	2.37	2.0	8.9	11.0	380	2175	2830	2.07	9.95	12.56
	16	13	13	3.16	2.87	2.87	2.0	8.9	11.0	380	2175	2830	2.07	9.95	12.56
	16	16	13	3.09	3.09	2.81	2.0	9.0	11.2	380	2200	2900	2.07	10.07	12.87
	18	10	10	3.81	2.54	2.54	2.0	8.9	11.0	380	2175	2830	2.07	9.95	12.56
	18	13	10	3.56	2.97	2.37	2.0	8.9	11.0	380	2175	2830	2.07	9.95	12.56
	18	16	10	3.45	3.16	2.30	2.0	8.9	11.0	380	2175	2830	2.07	9.95	12.56
18	13	13	3.34	2.78	2.78	2.0	8.9	11.0	380	2175	2830	2.07	9.95	12.56	

RAS-4M27U2AVG-E

Combination ratings heat pump

The below specification values are those under the conditions that the indoor DB/WB=27/19°C and the outdoor DB/WB=35/24°C.

Operating status	Combination				Unit capacity (kW)				Cooling capacity (kW)			Power consumption (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
	18	-	-	-	5.00	-	-	-	1.4	5.0	5.2	640	1950	2100	3.52	8.92	9.32
	24	-	-	-	7.10	-	-	-	2.4	7.1	7.2	660	2390	2960	3.63	10.94	13.13
2 unit operation	10	10	-	-	2.70	2.70	-	-	2.5	5.4	6.3	640	1500	2100	3.48	6.86	9.32
	13	10	-	-	3.41	2.49	-	-	2.7	5.9	6.6	660	1700	2220	3.59	7.78	9.85
	16	10	-	-	3.94	2.36	-	-	2.9	6.3	6.9	670	2000	2400	3.64	9.15	10.65
	18	10	-	-	4.09	2.21	-	-	2.9	6.3	7.1	670	1900	2400	3.64	8.70	10.65
	24	10	-	-	5.22	1.98	-	-	3.2	7.2	7.8	700	2300	2500	3.80	10.53	11.09
	13	13	-	-	3.15	3.15	-	-	2.9	6.3	7.1	670	2000	2400	3.64	9.15	10.65
	16	13	-	-	3.73	3.07	-	-	3.0	6.8	7.4	690	2200	2450	3.75	10.07	10.87
	18	13	-	-	3.91	2.89	-	-	3.0	6.8	7.4	690	2200	2450	3.75	10.07	10.87
	24	13	-	-	4.73	2.47	-	-	3.2	7.2	8.4	700	2300	2550	3.80	10.53	11.31
	16	16	-	-	3.60	3.60	-	-	3.2	7.2	7.8	700	2300	2500	3.80	10.53	11.09
	18	16	-	-	3.79	3.41	-	-	3.2	7.2	7.8	700	2300	2500	3.80	10.53	11.09
	24	16	-	-	4.41	2.79	-	-	3.2	7.3	8.4	700	2400	2550	3.80	10.98	11.31
3 unit operation	18	18	-	-	3.60	3.60	-	-	3.2	7.2	8.4	700	2300	2550	3.80	10.53	11.31
	24	18	-	-	4.22	2.98	-	-	3.2	7.4	8.4	700	2400	2550	3.80	10.98	11.31
	10	10	10	-	2.53	2.53	2.53	-	3.8	7.6	8.2	950	2400	2720	4.59	10.98	12.07
	13	10	10	-	3.13	2.28	2.28	-	3.9	7.7	8.3	960	2410	2740	4.64	11.03	12.16
	16	10	10	-	3.50	2.10	2.10	-	4.0	7.7	8.5	960	2410	2790	4.64	11.03	12.38
	18	10	10	-	3.70	2.00	2.00	-	4.0	7.7	8.5	960	2410	2790	4.64	11.03	12.38
	24	10	10	-	4.49	1.71	1.71	-	4.1	7.9	8.7	970	2440	2830	4.69	11.17	12.56
	13	13	10	-	2.82	2.82	2.06	-	4.0	7.7	8.5	960	2410	2790	4.64	11.03	12.38
	16	13	10	-	3.22	2.65	1.93	-	4.1	7.8	8.6	970	2430	2810	4.69	11.12	12.47
	18	13	10	-	3.42	2.53	1.85	-	4.1	7.8	8.6	970	2430	2810	4.69	11.12	12.47
	24	13	10	-	4.15	2.17	1.58	-	4.1	7.9	8.7	970	2440	2830	4.69	11.17	12.56
	16	16	10	-	3.04	3.04	1.82	-	4.1	7.9	8.7	970	2440	2830	4.69	11.17	12.56
	18	16	10	-	3.20	2.88	1.73	-	4.1	7.8	8.6	970	2430	2810	4.69	11.12	12.47
	24	16	10	-	3.97	2.52	1.51	-	4.3	8.0	9.0	980	2450	2900	4.73	11.21	12.87
	13	13	13	-	2.60	2.60	2.60	-	4.1	7.8	8.6	970	2430	2810	4.69	11.12	12.47
	16	13	13	-	2.99	2.46	2.46	-	4.1	7.9	8.7	970	2440	2830	4.69	11.17	12.56
	18	13	13	-	3.19	2.36	2.36	-	4.1	7.9	8.7	970	2440	2830	4.69	11.17	12.56
	24	13	13	-	3.87	2.02	2.02	-	4.3	8.0	9.0	980	2450	2900	4.73	11.21	12.87
	16	16	13	-	2.80	2.80	2.30	-	4.1	7.9	8.7	970	2440	2830	4.69	11.17	12.56
	16	16	16	-	2.67	2.67	2.67	-	4.3	8.0	9.0	980	2450	2900	4.73	11.21	12.87
24	16	13	-	3.71	2.35	1.93	-	4.3	8.0	9.0	980	2450	2900	4.73	11.21	12.87	

MULTI-SPLITS R32 > COMBINATION



RAS-4M27U2AVG-E

The below specification values are those under the conditions that the indoor DB/WB=27/19°C and the outdoor DB/WB=35/24°C.

Operating status	Combination				Unit capacity (kW)				Cooling capacity (kW)			Power consumption (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.
Cooling, 230V 4 unit operation	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
	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
	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
	18	10	10	10	3.02	1.63	1.63	1.63	4.2	7.9	9.3	950	2257	2820	4.59	10.33	12.51
	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
	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
	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
	18	13	10	10	2.80	2.07	1.51	1.51	4.2	7.9	9.3	950	2257	2820	4.59	10.33	12.51
	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
	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
	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
	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

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

Operating status	Combination				Unit capacity (kW)				Heating capacity (kW)			Power consumption (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.
Heating, 230V 1 unit operation	10	-	-	-	4.00	-	-	-	0.8	4.0	5.2	300	1450	1980	1.79	6.64	8.78
	13	-	-	-	5.00	-	-	-	0.8	5.0	6.5	310	2050	2750	1.85	9.38	12.20
	16	-	-	-	5.50	-	-	-	0.8	5.5	6.9	310	2400	3000	1.85	10.98	13.31
	18	-	-	-	6.00	-	-	-	0.8	6.0	7.1	310	2630	3200	1.85	12.04	14.20
	24	-	-	-	8.10	-	-	-	0.8	8.1	8.1	640	3300	3300	3.81	14.95	14.95
2 unit operation	10	10	-	-	3.60	3.60	-	-	1.5	7.2	10.0	320	2100	3200	1.86	9.61	14.20
	13	10	-	-	4.22	3.38	-	-	1.5	7.6	10.1	320	2320	3210	1.86	10.62	14.24
	16	10	-	-	4.57	3.33	-	-	1.5	7.9	10.1	320	2480	3230	1.86	11.35	14.33
	18	10	-	-	4.74	3.16	-	-	1.5	7.9	10.1	320	2480	3230	1.86	11.35	14.33
	24	10	-	-	5.56	2.74	-	-	1.5	8.3	10.2	320	2700	3240	1.86	12.36	14.37
	13	13	-	-	3.95	3.95	-	-	1.5	7.9	10.1	320	2480	3230	1.86	11.35	14.33
	16	13	-	-	4.35	3.95	-	-	1.5	8.3	10.2	320	2700	3240	1.86	12.36	14.37
	18	13	-	-	4.53	3.77	-	-	1.5	8.3	10.2	320	2700	3240	1.86	12.36	14.37
	24	13	-	-	5.32	3.28	-	-	1.5	8.6	10.2	320	2860	3250	1.86	13.09	14.42
	16	16	-	-	4.30	4.30	-	-	1.5	8.6	10.2	320	2860	3250	1.86	13.09	14.42
	18	16	-	-	4.49	4.11	-	-	1.5	8.6	10.2	320	2860	3250	1.86	13.09	14.42
	24	16	-	-	5.12	3.48	-	-	1.5	8.6	10.2	320	2860	3250	1.86	13.09	14.42
3 unit operation	10	10	-	-	4.30	4.30	-	-	1.5	8.6	10.2	320	2860	3250	1.86	13.09	14.42
	18	18	-	-	4.30	4.30	-	-	1.5	8.6	10.2	320	2860	3250	1.86	13.09	14.42
	24	18	-	-	4.94	3.66	-	-	1.5	8.6	10.2	320	2860	3250	1.86	13.09	14.42
	10	10	10	-	2.87	2.87	2.87	-	2.0	8.6	10.4	380	2300	2750	2.07	10.53	12.20
	13	10	10	-	3.35	2.68	2.68	-	2.0	8.7	10.5	380	2350	2760	2.07	10.76	12.24
	16	10	10	-	3.54	2.58	2.58	-	2.0	8.7	10.5	380	2350	2760	2.07	10.76	12.24
	18	10	10	-	3.73	2.49	2.49	-	2.0	8.7	10.5	380	2350	2760	2.07	10.76	12.24
	24	10	10	-	4.48	2.21	2.21	-	2.0	8.9	10.7	380	2450	2790	2.07	11.21	12.38
	13	13	10	-	3.11	3.11	2.49	-	2.0	8.7	10.5	380	2350	2760	2.07	10.76	12.24
	16	13	10	-	3.34	3.03	2.43	-	2.0	8.8	10.6	380	2400	2780	2.07	10.98	12.33
	18	13	10	-	3.56	2.97	2.37	-	2.0	8.9	10.7	380	2450	2790	2.07	11.21	12.38
	24	13	10	-	4.22	2.60	2.08	-	2.0	8.9	10.7	380	2450	2790	2.07	11.21	12.38
	16	16	10	-	3.26	3.26	2.37	-	2.0	8.9	10.7	380	2450	2790	2.07	11.21	12.38
	18	16	10	-	3.45	3.16	2.30	-	2.0	8.9	10.7	380	2450	2790	2.07	11.21	12.38
	24	16	10	-	4.10	2.78	2.02	-	2.0	8.9	10.7	380	2450	2790	2.07	11.21	12.38
	13	13	13	-	2.93	2.93	2.93	-	2.0	8.8	10.6	380	2400	2780	2.07	10.98	12.33
16	13	13	-	3.16	2.87	2.87	-	2.0	8.9	10.7	380	2450	2790	2.07	11.21	12.38	
18	13	13	-	3.34	2.78	2.78	-	2.0	8.9	10.7	380	2450	2790	2.07	11.21	12.38	
24	13	13	-	3.98	2.46	2.46	-	2.0	8.9	10.7	380	2450	2790	2.07	11.21	12.38	
16	16	13	-	3.06	3.06	2.78	-	2.0	8.9	10.7	380	2450	2790	2.07	11.21	12.38	
16	16	16	-	2.97	2.97	2.97	-	2.0	8.9	10.7	380	2450	2790	2.07	11.21	12.38	
24	16	13	-	3.88	2.63	2.39	-	2.0	8.9	10.7	380	2450	2790	2.07	11.21	12.38	

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RAS-4M27U2AVG-E

The below specification values are those under the conditions that the indoor DB/WB=27/19°C and the outdoor DB/WB=35/24°C.

Operating status	Combination				Unit capacity (kW)				Heating capacity (kW)			Power consumption (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.
Heating, 230V 4 unit operation	10	10	10	10	2.18	2.18	2.18	2.18	2.9	8.7	11.6	501	1869	2580	2.42	8.55	11.45
	13	10	10	10	2.62	2.09	2.09	2.09	2.9	8.9	11.7	501	1905	2600	2.42	8.72	11.54
	16	10	10	10	2.80	2.03	2.03	2.03	2.9	8.9	11.7	501	1905	2600	2.42	8.72	11.54
	18	10	10	10	2.97	1.98	1.98	1.98	2.9	8.9	11.7	501	1905	2600	2.42	8.72	11.54
	13	13	10	10	2.47	2.47	1.98	1.98	2.9	8.9	11.7	501	1905	2600	2.42	8.72	11.54
	16	13	10	10	2.65	2.41	1.92	1.92	2.9	8.9	11.7	501	1905	2600	2.42	8.72	11.54
	16	16	10	10	2.61	2.61	1.89	1.89	2.9	9.0	11.7	501	1927	2600	2.42	8.82	11.54
	18	13	10	10	2.81	2.34	1.87	1.87	2.9	8.9	11.7	501	1905	2600	2.42	8.72	11.54
	13	13	13	10	2.34	2.34	2.34	1.87	2.9	8.9	11.7	501	1905	2600	2.42	8.72	11.54
	16	13	13	10	2.54	2.31	2.31	1.85	2.9	9.0	11.7	501	1927	2600	2.42	8.82	11.54
	13	13	13	13	2.25	2.25	2.25	2.25	2.9	9.0	11.7	501	1927	2600	2.42	8.82	11.54
	24	10	10	10	3.63	1.79	1.79	1.79	2.6	9.0	11.7	480	1927	2600	2.32	8.82	11.54

RAS-5M34U2AVG-E

Combination ratings heat pump

The below specification values are those under the conditions that the indoor DB/WB=27/19°C and the outdoor DB/WB=35/24°C.

Operating status	Combination					Unit capacity (kW)					Cooling capacity (kW)			Power consumption (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	3.66	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
	18	-	-	-	-	5.00	-	-	-	-	1.4	5.0	5.2	640	1950	2100	3.52	8.92	9.32
	24	-	-	-	-	7.10	-	-	-	-	2.4	7.1	7.2	660	2390	2960	3.63	10.82	13.13
2 unit operation	10	10	-	-	-	2.70	2.70	-	-	-	2.5	5.4	6.3	640	1530	2040	3.48	7.00	9.05
	13	10	-	-	-	3.41	2.49	-	-	-	2.7	5.9	6.6	660	1810	2220	3.59	8.28	9.85
	16	10	-	-	-	3.94	2.36	-	-	-	2.9	6.3	6.9	670	2040	2400	3.64	9.34	10.65
	18	10	-	-	-	4.09	2.21	-	-	-	2.9	6.3	6.9	670	2040	2400	3.64	9.34	10.65
	24	10	-	-	-	5.22	1.98	-	-	-	3.2	7.2	7.5	700	2550	2750	3.80	11.67	12.20
	13	13	-	-	-	3.15	3.15	-	-	-	2.9	6.3	6.9	670	2040	2400	3.64	9.34	10.65
	16	13	-	-	-	3.73	3.07	-	-	-	3.0	6.8	7.2	690	2320	2570	3.75	10.62	11.40
	18	13	-	-	-	3.91	2.89	-	-	-	3.0	6.8	7.2	690	2320	2570	3.75	10.62	11.40
	24	13	-	-	-	4.73	2.47	-	-	-	3.2	7.2	7.5	700	2550	2750	3.80	11.67	12.20
	16	16	-	-	-	3.60	3.60	-	-	-	3.2	7.2	7.5	700	2550	2750	3.80	11.67	12.20
	18	16	-	-	-	3.79	3.41	-	-	-	3.2	7.2	7.5	700	2550	2750	3.80	11.67	12.20
	24	16	-	-	-	4.47	2.83	-	-	-	3.2	7.3	7.5	700	2550	2750	3.80	11.67	12.20
	18	18	-	-	-	3.60	3.60	-	-	-	3.2	7.2	7.5	700	2550	2750	3.80	11.67	12.20
24	18	-	-	-	4.34	3.06	-	-	-	3.2	7.4	7.5	700	2550	2750	3.80	11.67	12.20	
24	24	-	-	-	4.05	4.05	-	-	-	3.2	8.1	8.4	700	2600	2800	3.80	11.78	12.42	
3 unit operation	10	10	10	-	-	2.53	2.53	2.53	-	-	3.8	7.6	8.2	950	2400	2720	4.59	10.98	12.07
	13	10	10	-	-	3.13	2.28	2.28	-	-	3.9	7.7	8.3	960	2410	2740	4.64	11.03	12.16
	16	10	10	-	-	3.50	2.10	2.10	-	-	4.0	7.7	8.5	960	2410	2790	4.64	11.03	12.38
	18	10	10	-	-	3.70	2.00	2.00	-	-	4.0	7.7	8.5	960	2410	2790	4.64	11.03	12.38
	24	10	10	-	-	4.49	1.71	1.71	-	-	4.1	7.9	8.7	970	2440	2830	4.69	11.17	12.56
	13	13	10	-	-	2.82	2.82	2.06	-	-	4.0	7.7	8.5	960	2410	2790	4.64	11.03	12.38
	16	13	10	-	-	3.22	2.65	1.93	-	-	4.1	7.8	8.6	970	2430	2810	4.69	11.12	12.47
	18	13	10	-	-	3.42	2.53	1.85	-	-	4.1	7.8	8.6	970	2430	2810	4.69	11.12	12.47
	24	13	10	-	-	4.15	2.17	1.58	-	-	4.1	7.9	8.7	970	2440	2830	4.69	11.17	12.56
	16	16	10	-	-	3.04	3.04	1.82	-	-	4.1	7.9	8.7	970	2440	2830	4.69	11.17	12.56
	18	16	10	-	-	3.20	2.88	1.73	-	-	4.1	7.8	8.6	970	2430	2810	4.69	11.12	12.47
	24	16	10	-	-	3.97	2.52	1.51	-	-	4.3	8.0	9.0	980	2450	2900	4.73	11.21	12.87
	18	18	10	-	-	3.11	3.11	1.68	-	-	4.1	7.9	8.7	970	2440	2830	4.69	11.17	12.56
	13	13	13	-	-	2.60	2.60	2.60	-	-	4.1	7.8	8.6	970	2430	2810	4.69	11.12	12.47
	16	13	13	-	-	2.99	2.46	2.46	-	-	4.1	7.9	8.7	970	2440	2830	4.69	11.17	12.56
	18	13	13	-	-	3.19	2.36	2.36	-	-	4.1	7.9	8.7	970	2440	2830	4.69	11.17	12.56
	24	13	13	-	-	3.92	2.04	2.04	-	-	4.3	8.0	9.0	980	2450	2900	4.73	11.21	12.87
	16	16	13	-	-	2.80	2.80	2.30	-	-	4.1	7.9	8.7	970	2440	2830	4.69	11.17	12.56
	16	16	16	-	-	2.67	2.67	2.67	-	-	4.3	8.0	9.0	980	2450	2900	4.73	11.21	12.87
18	16	13	-	-	2.99	2.69	2.21	-	-	4.1	7.9	8.7	970	2440	2830	4.69	11.17	12.56	
24	16	13	-	-	3.71	2.35	1.93	-	-	4.3	8.0	9.0	980	2450	2900	4.73	11.21	12.87	
18	18	13	-	-	2.88	2.88	2.13	-	-	4.1	7.9	8.7	970	2440	2830	4.69	11.17	12.56	
24	18	10	-	-	3.89	2.74	1.48	-	-	4.1	8.1	9.0	970	2440	2900	4.69	11.17	12.87	
24	18	13	-	-	3.64	2.56	1.90	-	-	4.1	8.1	9.0	970	2440	2900	4.69	11.17	12.87	
24	24	10	-	-	3.44	3.44	1.31	-	-	4.1	8.2	9.0	970	2465	2855	4.69	11.28	12.67	

MULTI-SPLITS R32 > COMBINATION



RAS-5M34U2AVG-E

The below specification values are those under the conditions that the indoor DB/WB=27/19°C and the outdoor DB/WB=35/24°C.

Operating status	Combination					Unit capacity (kW)					Cooling capacity (kW)			Power consumption (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 unit operation	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
	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
	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
	18	10	10	10	-	3.44	1.85	1.85	1.85	-	4.2	9.0	9.4	950	2740	2900	4.59	12.54	12.87
	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
	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
	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
	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
	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
	18	13	10	10	-	3.19	2.36	1.72	1.72	-	4.2	9.0	9.4	950	2740	2900	4.59	12.54	12.87
	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
	18	16	10	10	-	3.02	2.72	1.63	1.63	-	4.2	9.0	9.4	950	2740	2900	4.59	12.54	12.87
	18	18	10	10	-	2.92	2.92	1.58	1.58	-	4.2	9.0	9.4	950	2740	2900	4.59	12.54	12.87
	24	18	10	10	-	3.65	2.57	1.39	1.39	-	4.2	9.0	9.4	950	2740	2900	4.59	12.54	12.87
	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
	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
	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
	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
	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
	18	13	13	10	-	2.98	2.21	2.21	1.61	-	4.2	9.0	9.4	950	2740	2900	4.59	12.54	12.87
	18	16	13	10	-	2.83	2.55	2.09	1.53	-	4.2	9.0	9.4	950	2740	2900	4.59	12.54	12.87
	18	18	13	10	-	2.74	2.74	2.03	1.48	-	4.2	9.0	9.4	950	2740	2900	4.59	12.54	12.87
	24	18	13	10	-	3.45	2.43	1.80	1.31	-	4.2	9.0	9.4	950	2740	2900	4.59	12.54	12.87
	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
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	
18	13	13	13	-	2.80	2.07	2.07	2.07	-	4.2	9.0	9.4	950	2740	2900	4.59	12.54	12.87	
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	
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	
18	16	13	13	-	2.66	2.40	1.97	1.97	-	4.2	9.0	9.4	950	2740	2900	4.59	12.54	12.87	
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	
18	18	13	13	-	2.59	2.59	1.91	1.91	-	4.2	9.0	9.4	950	2740	2900	4.59	12.54	12.87	
24	18	13	13	-	3.28	2.31	1.71	1.71	-	4.2	9.0	9.4	950	2740	2900	4.59	12.54	12.87	
5 unit operation	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
	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
	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
	18	10	10	10	10	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
	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
	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
	18	13	10	10	10	2.95	2.18	1.59	1.59	1.59	3.7	9.9	10.9	950	2946	3670	4.59	13.48	16.28
	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
	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
	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
	18	13	13	10	10	2.78	2.06	2.06	1.50	1.50	3.7	9.9	10.9	950	2946	3670	4.59	13.48	16.28
	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
	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
	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
	18	13	13	13	10	2.66	1.97	1.97	1.97	1.44	3.7	10.0	11.0	950	2980	3700	4.59	13.64	16.42
	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
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	
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	
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	

Cooling, 230V

MULTI-SPLITS R32 > COMBINATION



RAS-5M34U2AVG-E

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

Operating status	Combination					Unit capacity (kW)					Heating capacity (kW)			Power consumption (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	3.66	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
	18	-	-	-	-	5.00	-	-	-	-	1.4	5.0	5.2	640	1950	2100	3.52	8.92	9.32
	24	-	-	-	-	7.10	-	-	-	-	2.4	7.1	7.2	660	2390	2960	3.63	10.82	13.13
2 unit operation	10	10	-	-	-	2.70	2.70	-	-	-	2.5	5.4	6.3	640	1530	2040	3.48	7.00	9.05
	13	10	-	-	-	3.41	2.49	-	-	-	2.7	5.9	6.6	660	1810	2220	3.59	8.28	9.85
	16	10	-	-	-	3.94	2.36	-	-	-	2.9	6.3	6.9	670	2040	2400	3.64	9.34	10.65
	18	10	-	-	-	4.09	2.21	-	-	-	2.9	6.3	6.9	670	2040	2400	3.64	9.34	10.65
	24	10	-	-	-	5.22	1.98	-	-	-	3.2	7.2	7.5	700	2550	2750	3.80	11.67	12.20
	13	13	-	-	-	3.15	3.15	-	-	-	2.9	6.3	6.9	670	2040	2400	3.64	9.34	10.65
	16	13	-	-	-	3.73	3.07	-	-	-	3.0	6.8	7.2	690	2320	2570	3.75	10.62	11.40
	18	13	-	-	-	3.91	2.89	-	-	-	3.0	6.8	7.2	690	2320	2570	3.75	10.62	11.40
	24	13	-	-	-	4.73	2.47	-	-	-	3.2	7.2	7.5	700	2550	2750	3.80	11.67	12.20
	16	16	-	-	-	3.60	3.60	-	-	-	3.2	7.2	7.5	700	2550	2750	3.80	11.67	12.20
	18	16	-	-	-	3.79	3.41	-	-	-	3.2	7.2	7.5	700	2550	2750	3.80	11.67	12.20
	24	16	-	-	-	4.47	2.83	-	-	-	3.2	7.3	7.5	700	2550	2750	3.80	11.67	12.20
	18	18	-	-	-	3.60	3.60	-	-	-	3.2	7.2	7.5	700	2550	2750	3.80	11.67	12.20
	24	18	-	-	-	4.34	3.06	-	-	-	3.2	7.4	7.5	700	2550	2750	3.80	11.67	12.20
24	24	-	-	-	4.05	4.05	-	-	-	3.2	8.1	8.4	700	2600	2800	3.80	11.78	12.42	
3 unit operation	10	10	10	-	-	2.53	2.53	2.53	-	-	3.8	7.6	8.2	950	2400	2720	4.59	10.98	12.07
	13	10	10	-	-	3.13	2.28	2.28	-	-	3.9	7.7	8.3	960	2410	2740	4.64	11.03	12.16
	16	10	10	-	-	3.50	2.10	2.10	-	-	4.0	7.7	8.5	960	2410	2790	4.64	11.03	12.38
	18	10	10	-	-	3.70	2.00	2.00	-	-	4.0	7.7	8.5	960	2410	2790	4.64	11.03	12.38
	24	10	10	-	-	4.49	1.71	1.71	-	-	4.1	7.9	8.7	970	2440	2830	4.69	11.17	12.56
	13	13	10	-	-	2.82	2.82	2.06	-	-	4.0	7.7	8.5	960	2410	2790	4.64	11.03	12.38
	16	13	10	-	-	3.22	2.65	1.93	-	-	4.1	7.8	8.6	970	2430	2810	4.69	11.12	12.47
	18	13	10	-	-	3.42	2.53	1.85	-	-	4.1	7.8	8.6	970	2430	2810	4.69	11.12	12.47
	24	13	10	-	-	4.15	2.17	1.58	-	-	4.1	7.9	8.7	970	2440	2830	4.69	11.17	12.56
	16	16	10	-	-	3.04	3.04	1.82	-	-	4.1	7.9	8.7	970	2440	2830	4.69	11.17	12.56
	18	16	10	-	-	3.20	2.88	1.73	-	-	4.1	7.8	8.6	970	2430	2810	4.69	11.12	12.47
	24	16	10	-	-	3.97	2.52	1.51	-	-	4.3	8.0	9.0	980	2450	2900	4.73	11.21	12.87
	18	18	10	-	-	3.11	3.11	1.68	-	-	4.1	7.9	8.7	970	2440	2830	4.69	11.17	12.56
	13	13	13	-	-	2.60	2.60	2.60	-	-	4.1	7.8	8.6	970	2430	2810	4.69	11.12	12.47
	16	13	13	-	-	2.99	2.46	2.46	-	-	4.1	7.9	8.7	970	2440	2830	4.69	11.17	12.56
	18	13	13	-	-	3.19	2.36	2.36	-	-	4.1	7.9	8.7	970	2440	2830	4.69	11.17	12.56
	24	13	13	-	-	3.92	2.04	2.04	-	-	4.3	8.0	9.0	980	2450	2900	4.73	11.21	12.87
	16	16	13	-	-	2.80	2.80	2.30	-	-	4.1	7.9	8.7	970	2440	2830	4.69	11.17	12.56
	16	16	16	-	-	2.67	2.67	2.67	-	-	4.3	8.0	9.0	980	2450	2900	4.73	11.21	12.87
	18	16	13	-	-	2.99	2.69	2.21	-	-	4.1	7.9	8.7	970	2440	2830	4.69	11.17	12.56
	24	16	13	-	-	3.71	2.35	1.93	-	-	4.3	8.0	9.0	980	2450	2900	4.73	11.21	12.87
	18	18	13	-	-	2.88	2.88	2.13	-	-	4.1	7.9	8.7	970	2440	2830	4.69	11.17	12.56
	24	18	10	-	-	3.89	2.74	1.48	-	-	4.1	8.1	9.0	970	2440	2900	4.69	11.17	12.87
	24	18	13	-	-	3.64	2.56	1.90	-	-	4.1	8.1	9.0	970	2440	2900	4.69	11.17	12.87
24	24	10	-	-	3.44	3.44	1.31	-	-	4.1	8.2	9.0	970	2465	2855	4.69	11.28	12.67	

Heating: 230V

MULTI-SPLITS R32 > COMBINATION



RAS-5M34U2AVG-E

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

Operating status	Combination					Unit capacity (kW)					Heating capacity (kW)			Power consumption (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 unit operation	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
	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
	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
	18	10	10	10	-	3.44	1.85	1.85	1.85	-	4.2	9.0	9.4	950	2740	2900	4.59	12.54	12.87
	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
	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
	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
	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
	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
	18	13	10	10	-	3.19	2.36	1.72	1.72	-	4.2	9.0	9.4	950	2740	2900	4.59	12.54	12.87
	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
	18	16	10	10	-	3.02	2.72	1.63	1.63	-	4.2	9.0	9.4	950	2740	2900	4.59	12.54	12.87
	18	18	10	10	-	2.92	2.92	1.58	1.58	-	4.2	9.0	9.4	950	2740	2900	4.59	12.54	12.87
	24	18	10	10	-	3.65	2.57	1.39	1.39	-	4.2	9.0	9.4	950	2740	2900	4.59	12.54	12.87
	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
	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
	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
	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
	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
	18	13	13	10	-	2.98	2.21	2.21	1.61	-	4.2	9.0	9.4	950	2740	2900	4.59	12.54	12.87
	18	16	13	10	-	2.83	2.55	2.09	1.53	-	4.2	9.0	9.4	950	2740	2900	4.59	12.54	12.87
	18	18	13	10	-	2.74	2.74	2.03	1.48	-	4.2	9.0	9.4	950	2740	2900	4.59	12.54	12.87
	24	18	13	10	-	3.45	2.43	1.80	1.31	-	4.2	9.0	9.4	950	2740	2900	4.59	12.54	12.87
	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
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	
18	13	13	13	-	2.80	2.07	2.07	2.07	-	4.2	9.0	9.4	950	2740	2900	4.59	12.54	12.87	
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	
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	
18	16	13	13	-	2.66	2.40	1.97	1.97	-	4.2	9.0	9.4	950	2740	2900	4.59	12.54	12.87	
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	
18	18	13	13	-	2.59	2.59	1.91	1.91	-	4.2	9.0	9.4	950	2740	2900	4.59	12.54	12.87	
24	18	13	13	-	3.28	2.31	1.71	1.71	-	4.2	9.0	9.4	950	2740	2900	4.59	12.54	12.87	
5 unit operation	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
	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
	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
	18	10	10	10	10	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
	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
	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
	18	13	10	10	10	2.95	2.18	1.59	1.59	1.59	3.7	9.9	10.9	950	2946	3670	4.59	13.48	16.28
	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
	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
	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
	18	13	13	10	10	2.78	2.06	2.06	1.50	1.50	3.7	9.9	10.9	950	2946	3670	4.59	13.48	16.28
	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
	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
	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
	18	13	13	13	10	2.66	1.97	1.97	1.97	1.44	3.7	10.0	11.0	950	2980	3700	4.59	13.64	16.42
	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
	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
	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
	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
	24	13	10	10	10	3.87	2.39	1.91	1.91	1.91	3.4	12.0	14.0	775	2833	4200	4.21	12.97	18.63

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Equipment rated in accordance with MEPS AS/NZS 3823.2:2013 (Multi-Split)

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