

# TOSHIBA

—  
EXPERIENCE  
THE FUTURE  
—



TOSHIBA AIR CONDITIONING > CATALOGUE 2022

Not all models shown are available in UK and ROI

 *Better Air Solutions*

RAS-B-N4KVRG-E  
**HAORI**



HAORI, the air conditioner that respects your universe with a truly elegant design, featuring a stylish textile fabric cover. Innovation, efficiency, high reliability, energy savings, respect for the environment: these powerful values are at the heart of everything we do at Toshiba. HAORI offers energy efficient A+++ cooling and heating performances, with R32 refrigerant.

**Truly elegant design** featuring a stylish textile fabric cover.

**High energy class A+++ / A+++**

- Heating and cooling modes ensure exceptional energy savings and unparalleled comfort levels.

**Ultra-quiet system**

- HAORI Silent function halves the sound level of the outdoor unit down to 37 dB(A), while its Quiet function reduces noise from the indoor unit to less than 19 dB(A) for a good night's sleep.

**Indoor Air Quality**

- The new Toshiba Ultra Pure Filter captures up to 94% of PM2.5 (particulate matters coming from atmospheric pollution), creating healthy living spaces at home.
- Toshiba Plasma Ionizer, catches & neutralizes the contaminated particles.
- HAORI is equipped with the Magic Coil® which helps prevent water and dust from sticking to the coil.



MAX EFFICIENCY



SEER 8.7  
SCOP 5.1

CAPACITY



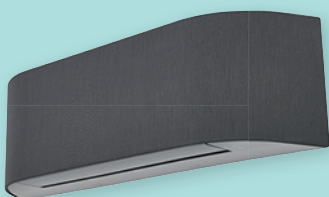
2.5kW > 4.6kW

OPERATION



-15°C > +46°C

- > **Silent modes** with indoor unit Quiet mode & Silent outdoor unit function
- > **Toshiba HAORI luxury remote control** features a magnetic wall mounted holder
- > **Intuitive remote-control functions** with Power select and ECO modes to reduce energy bills, Hi-power for rapid cooling or heating
- > **Enhance your comfort at home or away** with Toshiba Home AC app
- > **HAORI features** energy monitoring and speaker voice control functions compatible with Google Home Assistant & Amazon Alexa.



**INDOOR UNITS**

RAS-B10N4KVRG-E  
RAS-B13N4KVRG-E  
RAS-B16N4KVRG-E



**OUTDOOR UNITS**

RAS-10J2AVSG-E1  
RAS-13J2AVSG-E1  
RAS-16J2AVSG-E1



**REMOTE CONTROLS**

Delivered with the unit

### HAORI Performance data

Outdoor unit			RAS-10J2AVSG-E1	RAS-13J2AVSG-E1	RAS-16J2AVSG-E1
Indoor unit			RAS-B10N4KVRG-E	RAS-B13N4KVRG-E	RAS-B16N4KVRG-E
<b>Cooling capacity</b>	<b>kW</b>		<b>2.5</b>	<b>3.5</b>	<b>4.6</b>
Cooling range (min. - max.)	kW		(0.89 - 3.20)	(1.00 - 4.10)	(1.20 - 5.30)
Power input (min. -rated - max.)	kW	C	(0.19 - 0.54 - 0.79)	(0.25 - 0.80 - 1.12)	(0.34 - 1.35 - 1.72)
Pdesignc	kW		2.5	3.5	4.6
EER	W/W		4.63	4.38	3.41
SEER			8.60	8.70	7.80
Energy efficiency class		C	A+++	A+++	A++
Seasonal electricity consumption	kWh/a	C	102	142	206
<b>Heating capacity</b>	<b>kW</b>		<b>3.2</b>	<b>4.2</b>	<b>5.5</b>
Heating range (min. - max.)	kW		(0.90 - 4.70)	(1.00 - 5.30)	(1.10 - 6.30)
Power input (min. -rated - max.)	kW	H	(0.18 - 0.74 - 1.23)	(0.20 - 1.08 - 1.55)	(0.30 - 1.52 - 1.90)
Pdesignh	kW		2.5	3.2	4.00
COP	W/W		4.32	3.89	3.62
SCOP			5.10	5.10	4.60
Energy efficiency class		H	A+++	A+++	A++
Seasonal electricity consumption	kWh/a	H	684	876	1214

### HAORI Physical data indoor

Indoor unit			RAS-B10N4KVRG-E	RAS-B13N4KVRG-E	RAS-B16N4KVRG-E
Air flow (h)	m <sup>3</sup> /h - l/s	C	600 - 166	670 - 186	690 - 180
Air flow (l)	m <sup>3</sup> /h - l/s	C	300 - 83	320 - 89	340 - 83
Sound pressure level (h/q)	dB(A)	C	41/19	43/19	45/21
Sound power level (h)	dB(A)	C	54	56	58
Air flow (h)	m <sup>3</sup> /h - l/s	H	610 - 169	680 - 189	730 - 186
Air flow (l)	m <sup>3</sup> /h - l/s	H	300 - 86	320 - 89	360 - 83
Sound pressure level (h/q)	dB(A)	H	41/19	43/19	45/22
Sound power level (h)	dB(A)	H	54	56	58
Dimensions (hxwx d)	mm		300 x 987 x 210	300 x 987 x 210	300 x 987 x 210
Weight	kg		11	11	12
Remote controller			WH-UA01UE	WH-UA01UE	WH-UA01UE

### HAORI Physical data outdoor

Outdoor unit			RAS-10J2AVSG-E1	RAS-13J2AVSG-E1	RAS-16J2AVSG-E1
Air flow (max)	m <sup>3</sup> /h - l/s	C	1890 - 524	1950 - 540	2040 - 566
Sound pressure level (h)	dB(A)	C	44	46	48
Sound pressure level (Silent CDU#2)	dB(A)	C	37	39	40
Sound power level (h)	dB(A)	C	57	59	61
Sound power level ((Silent CDU#2)	dB(A)	C	50	52	53
Operating range	°C	C	-15 ~ 46	-15 ~ 46	-15 ~ 46
Air flow (max)	m <sup>3</sup> /h - l/s	H	1890 - 524	1950 - 540	2040 - 566
Sound pressure level (h)	dB(A)	H	46	48	50
Sound pressure level (Silent CDU#2)	dB(A)	H	39	43	43
Sound power level (h)	dB(A)	H	59	61	63
Sound power level ((Silent CDU#2)	dB(A)	H	52	56	56
Operating range	°C	H	-15 ~ 24	-15 ~ 24	-15 ~ 24
Dimensions (hxwx d)	mm		550 x 780 x 290	550 x 780 x 290	550 x 780 x 290
Weight	kg		26	30	33
Compressor type			DC Rotary	DC Rotary	DC Rotary
Flare connections (gas-liquid)			3/8" - 1/4"	3/8" - 1/4"	1/2" - 1/4"
Minimum pipe length	m		2	2	2
Maximum pipe length	m		20	20	20
Maximum height difference	m		12	12	12
Chargeless pipe length	m		15	15	15
Refrigerant charging (R32)	kg		0.55	0.8	0.8
Power supply	V-ph-Hz		230-1-50	230-1-50	230-1-50

C: cooling mode  
H: heating mode

RAS- PKVPG-E  
**DAISEIKAI 9**



The exclusive New Daiseikai 9 is the market benchmark for high efficiency solution. Its new elegant design and higher standards in efficiency and comfort, maximize energy savings, and offer exceptional indoor air quality thanks to its exclusive filtration system.

**High Energy Class A+++ / A+++**

- Very high energy efficiency class, both in cooling and heating.
- Very low energy consumption in all conditions.
- Wide operating range.

**Extremely silent**

- Less than 20dB(A) in silent mode.

**Indoor air quality with double filtration system**

- The Plasma Ion Charger filtration system associated with self-cleaning coil provides a pure and healthy environment.
- The Ionizer System provides pure air by absorbing smoke and bad odors, this function can be activated anytime by pushing the "PURE" button on remote controller.

**User friendly wireless remote control with weekly timer**

- One-Touch User Comfort parameter pre-set.
- 8°C button for anti-frost during holiday periods.
- Comfort Sleep for extra silence mode.
- 3D airflow control with vertical & horizontal motorized louvers: pre-set directions or automatic sweeping.
- Weekly timer with 4 freely programmable settings per day and 7 different programs per week.
- Capacity booster to reach comfort set point very fast.
- Outdoor unit noise reduction at night.
- Fire place mode with constant fan speed to improve comfort in all conditions.



MAX EFFICIENCY



SEER 10.5  
SCOP 5.20

CAPACITY



2.5kW > 4.5kW

OPERATION



-15°C > +46°C

> **Elegant & modern design** with discreet dimming lights changing colors with cooling and heating modes

> **100% Toshiba quality with DC Twin- Rotary inverter compressor**

> **Wifi control ready** with Wifi module accessory integrated in large High wall chassis

> **Exceptional indoor air quality** Impurities are ionized by the plasma ion charger and absorbed by heat exchanger



**INDOOR UNITS**

RAS- 10PKVPG-E  
RAS- 13PKVPG-E  
RAS- 16PKVPG-E



**OUTDOOR UNITS**

RAS- 10PAVPG-E  
RAS- 13PAVPG-E  
RAS- 16PAVPG-E



**REMOTE CONTROLS**

Delivered with the unit



**DAISEIKAI 9 Performance data**

Outdoor unit	Europe		RAS-10PAVPG-E	RAS-13PAVPG-E	RAS-16PAVPG-E
Indoor unit			RAS-10PKVPG-E	RAS-13PKVPG-E	RAS-16PKVPG-E
<b>Cooling capacity</b>	<b>kW</b>		<b>2,5</b>	<b>3,5</b>	<b>4,5</b>
Cooling range (min. - max.)	kW		(0.80 - 3.50)	(0.90 - 4.10)	(0.90 - 5.10)
Power input (min. -rated - max.)	kW	C	(0.15 - 0.45 - 0.82)	(0.18 - 0.75 - 1.00)	(0.18 - 1.08 - 1.38)
Pdesignc	kW		2.5	3.5	4.5
EER	W/W		5.56	4.67	4.17
SEER			10.6	9.5	8.50
Energy efficiency class		C	A+++	A+++	A+++
Seasonal electricity consumption	kWh/a	C	83	129	185
<b>Heating capacity</b>	<b>kW</b>		<b>3.2</b>	<b>4.0</b>	<b>4.5</b>
Heating range (min. - max.)	kW		(0.70 - 5.80)	(0.80 - 6.30)	(0.80 - 6.80)
Power input (min. -rated - max.)	kW	H	(0.15 - 0.60 - 1.55)	(0.17 - 0.80 - 2.00)	(0.17 - 1.37 - 2.05)
Pdesignh (Tbiv-10°C)	kW		3.0	3.6	4.5
COP	W/W		5.33	5.0	4.01
SCOP			5.2	5.1	4.6
Energy efficiency class		H	A+++	A+++	A++
Seasonal electricity consumption	kWh/a	H	807	988	1369

**DAISEIKAI 9 Physical data indoor**

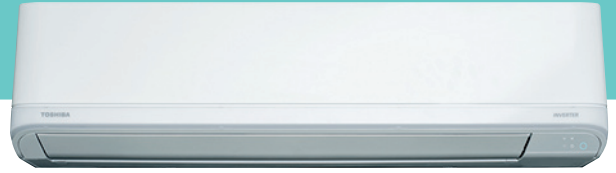
Indoor unit	Europe		RAS-10PAVPG-E	RAS-13PAVPG-E	RAS-16PAVPG-E
Air Flow (h)	m³/h - l/s	C	690 - 188	710 - 197	730 - 203
Air Flow (l)	m³/h - l/s	C	300 - 83	300 - 83	310 - 86
Sound pressure level (h/q)	dB(A)	C	43/20	44/20	45/22
Sound power level (h)	dB(A)	C	58	59	60
Air Flow (h)	m³/h - l/s	H	720 - 200	720 - 200	740 - 206
Air Flow (l)	m³/h - l/s	H	310 - 83	310 - 86	330 - 91
Sound pressure level (h/q)	dB(A)	H	44/20	45/20	46/22
Sound power level (h)	dB(A)	H	59	60	61
Dimensions (h x w x d)	mm		293 x 851 x 270	293 x 851 x 270	293 x 851 x 270
Weight	kg		14	14	14

**DAISEIKAI 9 Physical data outdoor**

Outdoor unit	Europe		RAS-10PKVPG-E	RAS-13PKVPG-E	RAS-16PKVPG-E
Air Flow (max)	m³/h - l/s	C	2160 - 600	2160 - 600	2160 - 600
Sound pressure level (h)	dB(A)	C	46	48	49
Sound pressure level (Silent CDU#2)	dB(A)	C	43	43	44
Sound power level (h)	dB(A)	C	61	63	64
Sound power level (Silent CDU#2)	dB(A)	C	58	58	59
Operating range	°C	C	-15 ~ 46	-15 ~ 46	-15 ~ 46
Air Flow (max)	m³/h - l/s	H	2160 - 600	2160 - 600	2160 - 600
Sound pressure level (h)	dB(A)	H	47	50	50
Sound pressure level (Silent CDU#2)	dB(A)	H	42	45	45
Sound power level (h)	dB(A)	H	62	65	65
Sound power level (Silent CDU#2)	dB(A)	H	57	60	60
Operating range	°C	H	-15 ~ 24	-15 ~ 24	-15 ~ 24
Dimensions (h x w x d)	mm		630 x 800 x 300	630 x 800 x 300	630 x 800 x 300
Weight	kg		38	38	38
Compressor type			DC Twin Rotary	DC Twin Rotary	DC Twin Rotary
Flare connections (gas-liquid)			3/8" - 1/4"	3/8" - 1/4"	1/2" - 1/4"
Minimum pipe length	m		2	2	2
Maximum pipe length	m		25	25	25
Maximum height difference	m		10	10	10
Chargeless pipe length	m		15	15	15
Remote controller			WH-TA01LE	WH-TA01LE	WH-TA01LE
Refrigerant charging(R32)	kg		1,0	1,0	1,0
Power supply	V-ph-Hz		220-240/1/50	220-240/1/50	220-240/1/50

C: cooling mode  
H: heating mode

RAS-J2KVRG-E  
**SHORAI PREMIUM**



The SHORAI Premium combines elegant design and technology for higher standards in efficiency, comfort and energy savings. Benefit from exceptional indoor air quality thanks to the exclusive ionizer filtration system. SHORAI Premium high-walls are compatible with Monosplit & Multisplit outdoor units (B-code).

**High energy class A++ / A++**

- Very high energy efficiency class, both in heating and cooling.
- Very low energy consumption in all conditions.

**Indoor air quality with the Ionizer Filter**

- The Ionizer filtration system provides pure air by absorbing smoke and bad odors. This function can be activated anytime by pushing the "PURE" button on the remote controller.
- Associated with Toshiba self-cleaning coil, SHORAI Premium provides a pure and healthy environment.

**User friendly wireless remote control with weekly timer**

- One-Touch User Comfort parameter pre-set.
- 8°C button for anti-frost during holiday periods.
- Comfort Sleep for extra silence mode.
- 3D airflow control with vertical & horizontal motorized louvers: pre-set directions or automatic sweeping (large chassis only).
- Weekly timer with 4 freely programmable settings per day and 7 different programs per week.
- Capacity booster to reach comfort set point very fast.
- Outdoor unit noise reduction at night.
- Fire place mode with constant fan speed to improve comfort in all conditions.

MAX EFFICIENCY



SEER 7.3  
SCOP 4.6

CAPACITY



2.5kW > 7.0kW

OPERATION



-15°C > +46°C

> **Elegant & modern design** with discreet dimming lights changing colors with cooling and heating modes

> **100% Toshiba quality with DC twin-rotary inverter compressor (large chassis)**

> **Wi-Fi control ready** with **Toshiba Home AC Control** adaptor integrated in large high-wall chassis

> **Exceptional indoor air quality** Impurities are ionized by the filter and absorbed by the heat exchanger



**INDOOR UNITS**

- RAS-B10J2KVRG-E
- RAS-B13J2KVRG-E
- RAS-B16J2KVRG-E
- RAS-18J2KVRG-E
- RAS-B22J2KVRG-E
- RAS-B24J2KVRG-E



**OUTDOOR UNITS**

- RAS-10J2AVRG-E
- RAS-13J2AVRG-E
- RAS-16J2AVRG-E
- RAS-18J2AVRG-E
- RAS-22J2AVRG-E
- RAS-24J2AVRG-E



**REMOTE CONTROLS**

Delivered with the unit

**SHORAI PREMIUM R32 Performance data**

Outdoor unit		RAS-10J2AVRG-E	RAS-13J2AVRG-E	RAS-16J2AVRG-E	RAS-18J2AVRG-E	RAS-22J2AVRG-E	RAS-24J2AVRG-E
Indoor unit		RAS-B10J2KVRG-E	RAS-B13J2KVRG-E	RAS-B16J2KVRG-E	RAS-18J2KVRG-E	RAS-B22J2KVRG-E	RAS-B24J2KVRG-E
<b>Cooling capacity</b>	<b>kW</b>	<b>2.5</b>	<b>3.5</b>	<b>4.6</b>	<b>5.0</b>	<b>6.1</b>	<b>7.0</b>
Cooling range (min. - max.)	kW	0.75 - 3.2	0.8 - 4.1	1.2 - 5.3	1.24 - 6.0	1.29 - 6.7	1.5 - 7.7
Power input (min.-rated - max.)	kW C	(0.17 - 0.6 - 0.82)	(0.18 - 1.05 - 1.25)	(0.23 - 1.4 - 1.72)	(0.23 - 1.42 - 2.00)	(0.24 - 1.99 - 2.20)	(0.30 - 2.25 - 2.55)
Pdesignc	kW	2.5	3.5	4.6	5.0	6.1	7.0
EER	W/W	4.17	3.33	3.29	3.52	3.07	3.11
SEER		6.9	6.5	6.5	7.3	6.8	6.25
Energy efficiency class	C	A++	A++	A++	A++	A++	A++
Seasonal electricity consumption	kWh/a C	127	189	248	240	314	392
<b>Heating capacity</b>	<b>kW</b>	<b>3.2</b>	<b>4.2</b>	<b>5.5</b>	<b>6.0</b>	<b>7.0</b>	<b>8.0</b>
Heating range (min. - max.)	kW	0.9 - 4.8	0.8 - 5.3	0.9 - 6.5	0.88 - 6.5	0.93 - 7.5	1.6 - 8.8
Power input (min.-rated - max.)	kW H	(0.17 - 0.75 - 1.40)	(0.15 - 1.08 - 1.55)	(0.17 - 1.52 - 1.82)	(0.16 - 1.60 - 1.75)	(0.19 - 1.94 - 2.10)	(0.30 - 2.41 - 2.75)
Pdesignh	kW	2.5	3.2	4.0	4.3	4.7	6.3
COP	W/W	4.27	3.89	3.62	3.75	3.61	3.32
SCOP		4.6	4.6	4.2	4.4	4.4	4.07
Energy efficiency class	H	A++	A++	A+	A+	A+	A+
Seasonal electricity consumption	kWh/a H	761	974	1335	1368	1495	2166

**SHORAI PREMIUM Physical data indoor**

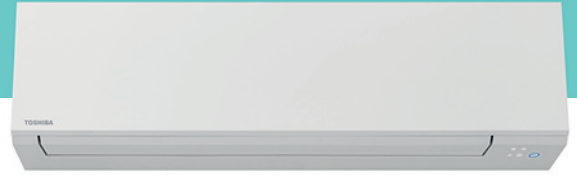
Indoor unit		RAS-B10J2KVRG-E	RAS-B13J2KVRG-E	RAS-B16J2KVRG-E	RAS-18J2KVRG-E	RAS-B22J2KVRG-E	RAS-B24J2KVRG-E
Air Flow (h)	m³/h - l/s C	564 - 156	624 - 173	750 - 208	950 - 264	984 - 273	1074 - 298
Air Flow (l)	m³/h - l/s C	240 - 67	300 - 83	330 - 92	535 - 149	622 - 173	664 - 184
Sound pressure level (h/a)	dB(A) C	38/22	39/22	43/24	44/26	45/27	47/28
Sound power level (h)	dB(A) C	53	54	58	59	60	62
Air Flow (h)	m³/h - l/s H	600 - 167	636 - 176	768 - 213	950 - 264	984 - 273	1128 - 313
Air Flow (l)	m³/h - l/s H	252 - 70	320 - 89	348 - 97	499 - 139	606 - 168	738 - 205
Sound pressure level (h/a)	dB(A) H	39/23	39/23	43/25	44/26	46/27	48/28
Sound power level (h)	dB(A) H	54	54	58	59	61	63
Dimensions (hxwxwd)	mm	293 x 798 x 241	293 x 798 x 241	293 x 798 x 241	320 x 1050 x 265	320 x 1050 x 265	320 x 1050 x 265
Weight	kg	9	9	9	15	15	15
Remote controller		WH-TB03LE	WH-TB03LE	WH-TB03LE	WH-TB01LE	WH-TB01LE	WH-TB01LE

**SHORAI PREMIUM Physical data outdoor**

Outdoor unit		RAS-10J2AVRG-E	RAS-13J2AVRG-E	RAS-16J2AVRG-E	RAS-18J2AVRG-E	RAS-22J2AVRG-E	RAS-24J2AVRG-E
Air Flow (max)	m³/h - l/s C	1668 - 463	1980 - 550	2040 - 566	2076 - 576	2184 - 607	2916 - 810
Sound pressure level (h)	dB(A) C	46	48	49	49	53	53
Sound power level (h)	dB(A) C	61	63	64	64	68	68
Operating range	°C C	-15 ~ 46	-15 ~ 46	-15 ~ 46	-15 ~ 46	-15 ~ 46	-15 ~ 46
Air Flow (max)	m³/h - l/s H	1668 - 463	1980 - 550	2160 - 600	1914 - 532	2184 - 607	2916 - 810
Sound pressure level (h)	dB(A) H	47	50	52	50	52	53
Sound power level (h)	dB(A) H	62	65	67	65	67	68
Operating range	°C H	-15 ~ 24	-15 ~ 24	-15 ~ 24	-15 ~ 24	-15 ~ 24	-15 ~ 24
Dimensions (hxwxwd)	mm	550 x 780 x 290	550 x 780 x 290	550 x 780 x 290	550 x 780 x 290	550 x 780 x 290	630 x 800 x 300
Weight	kg	28	34	34	34	34	43
Compressor type		DC Rotary	DC Rotary	DC Rotary	DC Twin Rotary	DC Twin Rotary	DC Twin Rotary
Flare connections (gas-liquid)		3/8" - 1/4"	3/8" - 1/4"	1/2" - 1/4"	1/2" - 1/4"	1/2" - 1/4"	1/2" - 1/4"
Minimum pipe length	m	2	2	2	2	2	2
Maximum pipe length	m	20	20	20	20	20	25
Maximum height difference	m	12	12	12	12	12	15
Chargeless pipe length	m	15	15	15	15	15	15
Refrigerant charging(R32)	kg	0.51	0.67	0.8	1.1	1.1	1.14
Power supply	V-ph-Hz	230-1-50	230-1-50	230-1-50	230-1-50	230-1-50	230-1-50

C: cooling mode  
H: heating mode

RAS-J2KVSG-E  
**SHORAI EDGE**



SHORAI Edge, a fresh take on design and performance, benefits from Toshiba's latest innovative inverter and compressor technology. It is designed to deliver high performance, making everyday comfort a reality for all. SHORAI Edge offers energy efficient A+++ cooling and heating performances, with R32 refrigerant. Compatible with Monosplit & Multisplit outdoor units (B-codes).

**High energy class A+++ / A+++**

- Heating and cooling modes ensure exceptional energy savings and unparalleled comfort levels.

**Absolute silent operation**

- SHORAI Edge's Silent function halves the sound level of the outdoor unit, while its Quiet function reduces noise from the indoor unit for a good night's sleep.

**Indoor Air Quality**

- The new Toshiba Ultra Pure Filter captures up to 94% of PM2.5 (particulate matters coming from atmospheric pollution), creating healthy living spaces at home.
- SHORAI Edge is equipped with the Magic Coil® which helps prevent water and dust from sticking to the coil. When the air conditioning is switched off to drain the contaminated coil, the fan continues to operate to keep the coil clean and dry whilst preserving the air conditioning high energy efficiency.

**User friendly wireless remote control with weekly timer**

- HADA-CARE to set louver position to generate indirect air flow for better air distribution to homogenize room temperature.
- Quiet mode for Comfort Sleep operating indoor at the lowest noise level
- Silent CDU is Toshiba's unique noise reduction function of outdoor unit for neighborhood comfort.
- Hi Power capacity booster to reach comfort set point very fast.
- OFF timer provides a very convenient automatic programmable stop function.
- On-demand Defrost for manual defrost at any time in extreme conditions.

MAX EFFICIENCY



SEER 8.6  
SCOP 5.1

CAPACITY



2.0kW > 8.0kW

OPERATION



-15°C > +46°C

> **Modern edge design** with discreet dimming lights

> **100% Toshiba quality with DC rotary inverter compressor**

> **Wi-Fi control ready** with **Toshiba Home AC Control** adaptor inside FCU

> **Silent modes** with indoor unit Quiet mode & Silent outdoor unit function



**INDOOR UNITS**

- RAS-B07J2KVSG-E
- RAS-B10J2KVSG-E
- RAS-B13J2KVSG-E
- RAS-B16J2KVSG-E
- RAS-18J2KVSG-E
- RAS-B22J2KVSG-E
- RAS-B24J2KVSG-E



**OUTDOOR UNITS**

- RAS-07J2AVSG-E
- RAS-10J2AVSG-E1
- RAS-13J2AVSG-E1
- RAS-16J2AVSG-E1
- RAS-18J2AVSG-E
- RAS-22J2AVSG-E
- RAS-24J2AVSG-E



**REMOTE CONTROLS**

Delivered with the unit



**SHORAI EDGE R32 Performance data**

Outdoor unit		RAS-07J2AVSG-E RAS-10J2AVSG-E1 RAS-13J2AVSG-E1 RAS-16J2AVSG-E1 RAS-18J2AVSG-E RAS-22J2AVSG-E RAS-24J2AVSG-E						
Indoor unit		RAS-B07J2KVSG-E RAS-B10J2KVSG-E RAS-B13J2KVSG-E RAS-B16J2KVSG-E RAS-18J2KVSG-E RAS-B22J2KVSG-E RAS-B24J2KVSG-E						
Cooling capacity	kW	2,0	2,5	3,5	4,6	5,0	6,1	7,0
Cooling range (min. - max.)	kW	(0.89 - 2.90)	(0.89 - 3.20)	(1.00 - 4.10)	(1.20 - 5.30)	(1.20 - 6.00)	(1.39 - 6.70)	(1.70 - 7.70)
Power input (min.-rated - max.)	kW C	(0.19 - 0.39 - 0.67)	(0.19 - 0.54 - 0.79)	(0.25 - 0.90 - 1.12)	(0.34 - 1.35 - 1.72)	(0.35 - 1.42 - 2.00)	(0.36 - 1.99 - 2.20)	(0.38 - 2.25 - 2.55)
Pdesignc	kW	2.0	2.5	3.5	4.6	5.0	6.1	7.0
EER	W/W	5.13	4.63	3.89	3.41	3.52	3.07	3.11
SEER		8.5	8.6	8.6	7.8	7.3	7.3	6.3
Energy efficiency class	C	A+++	A+++	A+++	A++	A++	A++	A++
Seasonal electricity consumption kWh/a	C	82	102	142	206	242	292	389
Heating capacity	kW	2.5	3.2	4.2	5.5	6.0	7.0	8.0
Heating range (min. - max.)	kW	(0.90 - 3.60)	(0.90 - 4.80)	(1.00 - 5.30)	(1.10 - 6.50)	(1.10 - 6.50)	(1.15 - 7.50)	(1.70 - 8.80)
Power input (min.-rated - max.)	kW H	(0.16 - 0.50 - 0.80)	(0.16 - 0.70 - 1.23)	(0.20 - 1.08 - 1.55)	(0.24 - 1.52 - 1.90)	(0.25 - 1.59 - 1.75)	(0.26 - 1.88 - 2.10)	(0.29 - 2.35 - 2.75)
Pdesignh	kW	2.3	2.5	3.2	4.00	4.3	4.7	6.3
COP	W/W	5.00	4.57	3.89	3.62	3.77	3.72	3.40
SCOP		5.1	5.1	5.1	4.6	4.6	4.6	4.1
Energy efficiency class	H	A+++	A+++	A+++	A++	A++	A++	A+
Seasonal electricity consumption kWh/a	H	631	686	878	1217	1309	1430	2149

**SHORAI EDGE R32 Physical data indoor**

Indoor unit		RAS-B07J2KVSG-E RAS-B10J2KVSG-E RAS-B13J2KVSG-E RAS-B16J2KVSG-E RAS-18J2KVSG-E RAS-B22J2KVSG-E RAS-B24J2KVSG-E						
Air flow (h)	m³/h - l/s C	660 - 183	660 - 183	732 - 203	750 - 208	990 - 274	1032 - 286	1122 - 311
Air flow (l)	m³/h - l/s C	312 - 86	312 - 86	342 - 95	360 - 100	570 - 158	690 - 191	720 - 199
Sound pressure level (h/q)	dB(A) C	40/19	40/19	43/19	44/21	44/26	45/27	47/28
Sound power level (h)	dB(A) C	53	53	56	57	57	58	60
Air flow (h)	m³/h - l/s H	660 - 183	660 - 183	732 - 203	768 - 213	990 - 274	1080 - 299	1140 - 316
Air flow (l)	m³/h - l/s H	312 - 86	312 - 86	342 - 95	360 - 100	570 - 158	690 - 191	750 - 208
Sound pressure level (h/q)	dB(A) H	40/19	40/19	43/19	44/22	44/26	46/27	48/28
Sound power level (h)	dB(A) H	53	53	56	57	57	59	61
Dimensions (hwxwd)	mm	293 x 800 x 226	293 x 800 x 226	293 x 800 x 226	293 x 800 x 226	320 x 1053 x 245	320 x 1053 x 245	320 x 1053 x 245
Weight	kg	10	10	10	10	14	14	14
Remote controller		WH-TA15PE	WH-TA15PE	WH-TA15PE	WH-TA15PE	WH-TA12PE	WH-TA12PE	WH-TA12PE

**SHORAI EDGE R32 Physical data outdoor**

Outdoor unit		RAS-07J2AVSG-E RAS-10J2AVSG-E1 RAS-13J2AVSG-E1 RAS-16J2AVSG-E1 RAS-18J2AVSG-E RAS-22J2AVSG-E RAS-24J2AVSG-E						
Air flow (max)	m³/h - l/s C	1890 - 524	1890 - 524	1950 - 540	2040 - 566	2076 - 576	2184 - 607	2916 - 810
Sound pressure level (h)	dB(A) C	44	44	46	48	48	49	50
Sound pressure level (Silent CDU#2)	dB(A) C	36	37	39	40	42	43	43
Sound power level (h)	dB(A) C	57	57	59	61	63	62	63
Sound power level (Silent CDU#2)	dB(A) C	49	50	52	53	55	56	56
Operating range	°C C	-15 ~ 46	-15 ~ 46	-15 ~ 46	-15 ~ 46	-15 ~ 46	-15 ~ 46	-15 ~ 46
Air flow (max)	m³/h - l/s H	1890 - 524	1890 - 524	1950 - 540	2040 - 566	2076 - 576	2184 - 607	2916 - 810
Sound pressure level (h)	dB(A) H	46	46	48	50	50	51	52
Sound pressure level (Silent CDU#2)	dB(A) H	38	39	43	43	44	46	46
Sound power level (h)	dB(A) H	59	59	61	63	63	64	65
Sound power level (Silent CDU#2)	dB(A) H	51	52	56	56	57	59	59
Operating range	°C H	-15 ~ 24	-15 ~ 24	-15 ~ 24	-15 ~ 24	-15 ~ 24	-15 ~ 24	-15 ~ 24
Dimensions (hwxwd)	mm	550 x 780 x 290	550 x 780 x 290	550 x 780 x 290	550 x 780 x 290	550 x 780 x 290	550 x 780 x 290	630 x 800 x 300
Weight	kg	26	26	30	33	34	34	42
Compressor type		DC Rotary	DC Rotary	DC Rotary	DC Rotary	DC Twin Rotary	DC Twin Rotary	DC Twin Rotary
Flare connections (gas-liquid)		3/8" - 1/4"	3/8" - 1/4"	3/8" - 1/4"	1/2" - 1/4"	1/2" - 1/4"	1/2" - 1/4"	1/2" - 1/4"
Minimum pipe length	m	2	2	2	2	2	2	2
Maximum pipe length	m	20	20	20	20	20	20	25
Maximum height difference	m	12	12	12	12	12	12	15
Chargeless pipe length	m	15	15	15	15	15	15	15
Refrigerant charge (R32)	kg	0.55	0.55	0.8	0.8	1.1	1.1	1.14
Power supply	V-ph-Hz	230-1-50	230-1-50	230-1-50	230-1-50	230-1-50	230-1-50	230-1-50

C: cooling mode  
H: heating mode

RAS-E2KVG-E  
**SEIYA**



SEIYA, "Silent night" in Japanese, is a silent solution that uses the new Toshiba Inverter and compressor technologies with R32 to offer A++ cooling and heating performances, leading to true energy savings and year-round comfort.  
Compatible with Monosplit & Multisplit outdoor units (B-codes).

**High Energy Class A++ / A++**

- A unique performance/price ratio that allows optimal comfort and extra-low energy consumption in both cooling and heating mode.

**Extremely silent operation**

- SEIYA's Silent function halves the sound level of the outdoor unit, while its Quiet function reduces noise from the indoor unit for a good night's sleep.

**Indoor Air Quality**

- SEIYA is equipped with the Ultra Fresh filter® that captures up to 85% of PM2.5, protecting from atmospheric pollution and creating healthy living spaces at home.
- The Magic Coil® which helps prevent water and dust from sticking to the coil. When the air conditioning is switched off to drain the contaminated coil, the fan continues to operate to keep the coil clean and dry whilst preserving the air conditioning high energy efficiency.

**User friendly remote control with weekly timer**

- Quiet mode for Comfort Sleep operating indoor at the lowest noise level.
- Silent CDU is Toshiba's unique noise reduction function of outdoor unit for neighborhood comfort.
- High Power capacity booster to reach comfort set point very fast.
- ON-OFF timer provides a very convenient automatic programmable stop function.
- On-demand Defrost for manual defrost at any time in extreme conditions.

MAX EFFICIENCY



SEER 7.0  
SCOP 4.6

CAPACITY



1.5kW > 6.5kW

OPERATION



-15°C > +46°C

> **Elegant & modern design** with discreet dimming lights

> **100% Toshiba quality with DC rotary inverter compressor**

> **Wi-Fi control ready with Toshiba Home AC Control** adaptor

> **Silent modes** with indoor unit Quiet mode & Silent outdoor unit function

> **Wireless function** which allows to wire the remote to the indoor unit



**INDOOR UNITS**

- RAS-B05E2KVG-E
- RAS-B07E2KVG-E
- RAS-B10E2KVG-E
- RAS-B13E2KVG-E
- RAS-B16E2KVG-E
- RAS-18E2KVG-E
- RAS-24E2KVG-E



**OUTDOOR UNITS**

- RAS-05E2AVG-E
- RAS-07E2AVG-E
- RAS-10E2AVG-E
- RAS-13E2AVG-E
- RAS-16E2AVG-E
- RAS-18E2AVG-E
- RAS-24E2AVG-E



**REMOTE CONTROLS**

Delivered with the unit



**OPTIONAL RC**

RB-RXS33-E  
Optional weekly timer  
Remote control

**SEIYA-R32 Performance data**

Outdoor unit	Europe	RAS-05E2AVG-E	RAS-07E2AVG-E	RAS-10E2AVG-E	RAS-13E2AVG-E	RAS-16E2AVG-E	RAS-18E2AVG-E	RAS-24E2AVG-E
Indoor unit		RAS-B05E2KVG-E	RAS-B07E2KVG-E	RAS-B10E2KVG-E	RAS-B13E2KVG-E	RAS-B16E2KVG-E	RAS-18E2KVG-E	RAS-24E2KVG-E
<b>Cooling capacity</b>	<b>kW</b>	<b>1.5</b>	<b>2.0</b>	<b>2.5</b>	<b>3.3</b>	<b>4.2</b>	<b>5.0</b>	<b>6.5</b>
Cooling range (min. - max.)	kW	(0.75 - 2.00)	(0.76 - 2.60)	(0.80 - 3.00)	(1.20 - 3.60)	(1.40 - 4.70)	(1.45 - 5.50)	(1.7 - 7.2)
Power input (min. - rated - max.)	kW C	(0.20 - 0.36 - 0.57)	(0.20 - 0.53 - 0.83)	(0.20 - 0.70 - 1.00)	(0.25 - 1.10 - 1.25)	(0.34 - 1.27 - 1.60)	(0.34 - 1.50 - 1.80)	(0.41 - 2.25 - 2.60)
Pdesignc	kW	1.5	2.0	2.5	3.3	4.2	5.0	6.5
EER	W/W	4.17	3.77	3.57	3.00	3.31	3.33	2.89
SEER		6.9	6.9	7.0	7.0	7.0	7.0	6.9
Energy efficiency class	C	A++	A++	A++	A++	A++	A++	A++
Seasonal electricity consumption	kWh/a C	76	101	125	165	210	250	330
<b>Heating capacity</b>	<b>kW</b>	<b>2.0</b>	<b>2.5</b>	<b>3.2</b>	<b>3.6</b>	<b>5.0</b>	<b>5.4</b>	<b>7.0</b>
Heating range (min. - max.)	kW	(0.8 - 3.00)	(0.82 - 3.30)	(0.95 - 3.90)	(0.97 - 4.50)	(1.30 - 6.00)	(1.35 - 6.00)	(1.5 - 8.1)
Power input (min. - rated - max.)	kW H	(0.16 - 0.47 - 0.85)	(0.16 - 0.64 - 0.94)	(0.18 - 0.86 - 1.11)	(0.18 - 0.92 - 1.25)	(0.24 - 1.34 - 1.70)	(0.26 - 1.50 - 1.80)	(0.29 - 2.10 - 2.55)
Pdesignh (Tbiv-7°C)	kW	1.6	2.0	2.4	2.7	3.6	3.8	5.4
COP	W/W	4.26	3.91	3.72	3.91	3.73	3.60	3.33
SCOP		4.6	4.6	4.6	4.6	4.6	4.4	4.3
Energy efficiency class	H	A++	A++	A++	A++	A++	A+	A+
Seasonal electricity consumption	kWh/a H	487	609	730	822	1095	1209	1757
SCOP (warm climate)		5.20	5.34	5.38	5.40	5.57	5.62	5.35
Energy efficiency class (warm climate)		A+++	A+++	A+++	A+++	A+++	A+++	A+++

**SEIYA-R32 Physical data indoor**

Indoor unit	Europe	RAS-B05E2KVG-E	RAS-B07E2KVG-E	RAS-B10E2KVG-E	RAS-B13E2KVG-E	RAS-B16E2KVG-E	RAS-18E2KVG-E	RAS-24E2KVG-E
Air flow (h)	m³/h - l/s C	480 - 134	500 - 140	510 - 142	540 - 152	750 - 208	790 - 222	1070 - 298
Air flow (l)	m³/h - l/s C	199 - 55	209 - 58	233 - 64	259 - 72	330 - 92	480 - 133	666 - 185
Sound pressure level (h/q)	dB(A) C	37/19	38/19	39/19	41/20	43/21	47/26	48/29
Sound power level (h)	dB(A) C	50	51	52	54	56	60	61
Air flow (h)	m³/h - l/s H	480 - 134	500 - 140	510 - 144	560 - 158	760 - 213	840 - 233	860 - 234
Air flow (l)	m³/h - l/s H	199 - 55	209 - 58	233 - 64	271 - 75	340 - 94	500 - 139	730 - 203
Sound pressure level (h/q)	dB(A) H	37/19	38/19	39/20	42/20	43/22	48/26	48/29
Sound power level (h)	dB(A) H	50	51	52	55	56	61	61
Dimensions (hwxwd)	mm	288 x 770 x 225	288 x 770 x 225	288 x 770 x 225	288 x 770 x 225	293 x 798 x 230	293 x 798 x 230	320 x 1050 x 250
Weight	kg	9	9	9	9	9	9	15

**SEIYA-R32 Physical data outdoor**

Outdoor unit	Europe	RAS-05E2AVG-E	RAS-07E2AVG-E	RAS-10E2AVG-E	RAS-13E2AVG-E	RAS-16E2AVG-E	RAS-18E2AVG-E	RAS-24E2AVG-E
Air flow (max)	m³/h - l/s C	1690 - 470	1800 - 500	1800 - 500	1980 - 550	2160 - 600	2160 - 600	2220 - 617
Sound pressure level (h)	dB(A) C	47	47	47	48	50	50	54
Sound pressure level (Silent CDU#2)	dB(A) C	42	42	43	43	43	44	49
Sound power level (h)	dB(A) C	60	60	60	61	63	63	67
Sound power level (Silent CDU#2)	dB(A) C	55	55	56	56	56	57	62
Operating range	°C C	-15 ~ 46	-15 ~ 46	-15 ~ 46	-15 ~ 46	-15 ~ 46	-15 ~ 46	-15 ~ 46
Air flow (max)	m³/h - l/s H	1690 - 470	1800 - 500	1800 - 500	1980 - 550	2160 - 600	2160 - 600	2220 - 617
Sound pressure level (h)	dB(A) H	48	49	49	49	51	51	54
Sound pressure level (Silent CDU#2)	dB(A) H	42	42	43	43	46	46	49
Sound power level (h)	dB(A) H	61	62	62	62	64	64	67
Sound power level (Silent CDU#2)	dB(A) H	55	55	56	56	59	59	62
Operating range	°C H	-15 ~ 24	-15 ~ 24	-15 ~ 24	-15 ~ 24	-15-24	-15-24	-15-24
Dimensions (hwxwd)	mm	530 x 660 x 240	530 x 660 x 240	530 x 660 x 240	530 x 660 x 240	550 x 780 x 290	550 x 780 x 290	550 x 780 x 290
Weight	kg	21	21	22	22	30	34	38
Compressor type		DC Rotary	DC Rotary	DC Rotary	DC Rotary	DC Rotary	DC Rotary	DC Twin Rotary
Flare connections (gas-liquid)		3/8" - 1/4"	3/8" - 1/4"	3/8" - 1/4"	3/8" - 1/4"	1/2" - 1/4"	1/2" - 1/4"	1/2" - 1/4"
Minimum pipe length	m	2	2	2	2	2	2	2
Maximum pipe length	m	15	15	15	15	20	20	20
Maximum height difference	m	12	12	12	12	12	12	12
Chargeless pipe length	m	15	15	15	15	15	15	15
Remote controller		WH-TG01NE	WH-TG01NE	WH-TG01NE	WH-TG01NE	WH-TG01NE	WH-TG01NE	WH-TG01NE
Refrigerant charge (R32)	kg	0.34	0.34	0.49	0.54	0.68	0.93	1.18
Power supply	V-ph-Hz	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50

C: cooling mode  
H: heating mode

RAS-J2FVG-E  
**CONSOLE**



This innovative and compact unit has been designed to be installed on the floor and in low wall applications, fitting perfectly under the window sills or in a low ceiling attic. The Console is compatible with Monosplit & Multisplit condensing units (B-code). Compact and modern design in all three dimensions (H600 x L700 x D220 cm).

**Energy efficiency class A++ / A++**

- High energy efficiency class in cooling.
- Low energy consumption in all conditions.

**Bi-flow air diffusion system**

- This feature enables users to select the favorable air flow outlet between the two available positions at the top and bottom front of the unit.
- The unique floor heating function, allows the unit to deliver a powerful flow at floor level for a uniform and comfortable room heating.

**Toshiba Indoor Air Quality filtration system**

- Toshiba IAQ's technology is able to seriously inhibit the reproductive ability of harmful elements. Its deodorizing power absorbs and decomposes, smoke, food smells and bad odors.
- Toshiba's new self-cleaning function is designed to reduce the humidity that causes mould to form inside an air-conditioning unit. This advanced, efficient system reduces moisture in the coils for healthier air to breathe.

**User friendly wireless remote control with weekly timer**

- Child-lock function on the unit display panel.
- Brightness level control of the display unit to reduce the led light glow.  
Automatic restart function in case of unexpected electricity supply line power cuts.
- Standard Toshiba functions: Weekly timer 24h, Power select, 8°C.

MAX EFFICIENCY



SEER 7.20  
SCOP 4.7

CAPACITY



2.5kW > 5.0kW

OPERATION



-15°C > +46°C

- > B-code for Mono & Multi compatibility
- > 100% Toshiba quality with DC Twin Rotary inverter compressor on large chassis
- > Wifi control compatible
- > Toshiba Indoor Air Quality filters
- > Floor warming
- > Silent CDU mode
- > Fire place mode
- > On demand defrost



**INDOOR UNITS**

RAS-B10J2FVG-E  
RAS-B13J2FVG-E  
RAS-B18J2FVG-E



**OUTDOOR UNITS**

RAS-10J2AVSG-E1  
RAS-13J2AVSG-E1  
RAS-18J2AVSG-E



**REMOTE CONTROLS**

WH-TA12LE  
delivered with the unit

## CONSOLE

### CONSOLE Performance data

Outdoor unit			RAS-10J2AVSG-E1	RAS-13J2AVSG-E1	RAS-18J2AVSG-E
Indoor unit			RAS-B10J2FVG-E	RAS-B13J2FVG-E	RAS-B18J2FVG-E
<b>Cooling capacity</b>	<b>kW</b>		<b>2,5</b>	<b>3,5</b>	<b>5,0</b>
Cooling range (min. - max.)	kW		0.95 - 3.2	1.05 - 4.1	1.2 - 5.6
Power input (min. -rated - max.)	kW	C	0.21 - 0.59 - 0.90	0.27 - 0.87 - 1.20	0.34 - 1.68 - 2.00
Pdesignc	kW		2.5	3.5	5.0
EER	W/W		4.24	4.02	2.98
SEER			7.2	7.0	6.8
Energy efficiency class		C	A++	A++	A++
Seasonal electricity consumption	kWh/a	C	121	174	257
<b>Heating capacity</b>	<b>kW</b>		<b>3.2</b>	<b>4.2</b>	<b>6.0</b>
Heating range (min. - max.)	kW		0.85 - 4.40	1.0 - 5.0	1.3 - 6.3
Power input (min. -rated - max.)	kW	H	0.18 - 0.82 - 1.25	0.22 - 1.27 - 1.55	0.31 - 2.05 - 2.20
Pdesignh	kW		2.5	3.0	4.0
COP	W/W		3.90	3.31	2.93
SCOP			4.7	4.7	4.6
Energy efficiency class		H	A++	A++	A++
Seasonal electricity consumption	kWh/a	H	744	893	1217

### CONSOLE Physical data indoor

Indoor unit			RAS-B10J2FVG-E	RAS-B13J2FVG-E	RAS-B18J2FVG-E
Air Flow (h)	m³/h - l/s	C	492 - 136	528 - 146	600 - 166
Air Flow (l)	m³/h - l/s	C	258 - 71	270 - 75	366 - 101
Sound pressure level (h/q)	dB(A)	C	39/23	40/24	46/31
Sound power level (h)	dB(A)	C	52	53	59
Air Flow (h)	m³/h - l/s	H	492 - 136	552 - 153	660 - 183
Air Flow (l)	m³/h - l/s	H	258 - 71	288 - 80	366 - 101
Sound pressure level (h/q)	dB(A)	H	39/23	40/24	47/31
Sound power level (h)	dB(A)	H	52	53	60
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

### CONSOLE Physical data outdoor

Outdoor unit			RAS-10J2AVSG-E1	RAS-13J2AVSG-E1	RAS-18J2AVSG-E
Air Flow (max)	m³/h - l/s	C	1890 - 524	1950 - 540	2076 - 576
Sound pressure level (h)	dB(A)	C	45	47	49
Sound pressure level (Silent CDU#2)	dB(A)	C	38	40	43
Sound power level (h)	dB(A)	C	58	60	62
Sound power level (Silent CDU#2)	dB(A)	C	51	53	56
Operating range	°C	C	-15 ~ 46	-15 ~ 46	-15 ~ 46
Air Flow (max)	m³/h - l/s	H	1890 - 524	1950 - 540	2076 - 576
Sound pressure level (h)	dB(A)	H	47	49	51
Sound pressure level (Silent CDU#2)	dB(A)	H	40	43	45
Sound power level (h)	dB(A)	H	60	62	64
Sound power level (Silent CDU#2)	dB(A)	H	53	57	58
Operating range	°C	H	-15 ~ 24	-15 ~ 24	-15 ~ 24
Dimensions (h x w x d)	mm		550 x 780 x 290	550 x 780 x 290	550 x 780 x 290
Weight	kg		26	30	34
Compressor type			DC Rotary	DC Rotary	DC Twin Rotary
Flare connections (gas-liquid)			3/8" - 1/4"	3/8" - 1/4"	1/2" - 1/4"
Minimum pipe length	m		2	2	2
Maximum pipe length	m		20	20	20
Maximum height difference	m		12	12	12
Chargeless pipe length	m		15	15	15
Refrigerant charging(R32)	kg		0.55	0.8	1.10
Power supply	V-ph-Hz		230-1-50	230-1-50	230-1-50

C: cooling mode  
H: heating mode



# CHOOSE YOUR ADAPTED SYSTEM SOLUTION



Indoor Units sizes		MULTISPLIT INDOOR UNITS							
		05	07	10	13	16	18	22	24
<b>Indoor Units cooling capacity</b>		1.5 kW	2.0 kW	2.5 kW	3.5 kW	4.5 kW	5.0 kW	6.0 kW	7.0 kW
Hi-wall - DAISEIKAI 9 RAS-M**PKVPG-E/TR				•	•	•			
Hi-wall - HAORI RAS-B**N4KVRG-E/TR			•	•	•	•			
Hi-wall - SHORAI Edge RAS-B**J2KVSG-E/TR		•	•	•	•	•		•	•
Hi-wall - SEIYA RAS-B**E2KVG-E/TR		•	•	•	•	•			
Console RAS-B**J2FVG-E/TR				•	•		•		
New Compact Cassette RAS-M**U2MUVG-E/TR				•	•	•			
Ducted RAS-M**U2DVG-E1/TR			•	•	•	•		•	•

• : Indoor units available sizes

Outdoor Units sizes		MULTISPLIT OUTDOOR							
		05	07	10	13	16	18	22	24
<b>Outdoor units Cooling capacity</b>		1.5 kW	2.0 kW	2.5 kW	3.5 kW	4.5 kW	5.0 kW	6.0 kW	7.0 kW
2 Rooms RAS-2M10U2AVG-E/TR CDU Cooling capacity: 3.3 kW		•	•	•					
2 Rooms RAS-2M14U2AVG-E/TR CDU Cooling capacity: 4.0 kW		•	•	•	•				
2 Rooms RAS-2M18U2AVG-E/TR CDU Cooling capacity: 5.2 kW		•	•	•	•	•			
3 Rooms RAS-3M18U2AVG-E/TR CDU Cooling capacity: 5.2 kW		•	•	•	•	•			
3 Rooms RAS-3M26U2AVG-E/TR CDU Cooling capacity: 7.5 kW		•	•	•	•	•	•	•	•
4 Rooms RAS-4M27U2AVG-E/TR CDU Cooling capacity: 8.0 kW		•	•	•	•	•	•	•	•
5 Rooms RAS-5M34U2AVG-E/TR CDU Cooling capacity: 10.0 kW		•	•	•	•	•	•	•	•

• : Indoor units sizes compatibility with outdoor units

COMPATIBILITIES	2 ROOMS			3 ROOMS		4 ROOMS	5 ROOMS
	RAS-2M10U2AVG-E/TR	RAS-2M14U2AVG-E/TR	RAS-2M18U2AVG-E/TR	RAS-3M18U2AVG-E/TR	RAS-3M26U2AVG-E/TR	RAS-4M27U2AVG-E/TR	RAS-5M34U2AVG-E/TR
IDU sizes							
05	•	•	•	•	•	•	•
07	•	•	•	•	•	•	•
10	•	•	•	•	•	•	•
13		•	•	•	•	•	•
16			•	•	•	•	•
18					•	•	•
22					•	•	•
24					•	•	•

• : compatibilities




## Performance data

Outdoor unit		2-room Multisplit	2-room Multisplit	2-room Multisplit	3-room Multisplit	3-room Multisplit	4-room Multisplit	5-room Multisplit
		RAS-2M10U2AVG-E	RAS-2M14U2AVG-E	RAS-2M18U2AVG-E	RAS-3M18U2AVG-E	RAS-3M26U2AVG-E	RAS-4M27U2AVG-E	RAS-5M34U2AVG-E
		RAS-2M10U2AVG-TR	RAS-2M14U2AVG-TR	RAS-2M18U2AVG-TR	RAS-3M18U2AVG-TR	RAS-3M26U2AVG-TR	RAS-4M27U2AVG-TR	RAS-5M34U2AVG-TR
<b>Cooling capacity</b>	<b>kW</b>	<b>3.3</b>	<b>4.0</b>	<b>5.2</b>	<b>5.2</b>	<b>7.5</b>	<b>8.0</b>	<b>10.0</b>
Cooling capacity (min. - max.)	kW	1.25 - 3.9	1.6 - 4.9	1.7 - 6.2	2.4 - 6.5	4.1 - 9.0	4.2 - 9.3	3.7 - 11.0
Power input	kW C	0.76	0.92	1.34	1.17	2.00	2.29	2.98
EER	W/W	4.35	4.35	3.88	4.44	3.75	3.50	3.36
SEER		6.73	6.73	6.90	6.8	6.19	6.11	6.31
Energy efficiency class	C	A++	A++	A++	A++	A++	A++	A++
<b>Heating capacity</b>	<b>kW</b>	<b>4.0</b>	<b>4.4</b>	<b>5.6</b>	<b>6.8</b>	<b>9.0</b>	<b>9.0</b>	<b>12.0</b>
Heating capacity (min. - max.)	kW	1.00 - 4.90	1.30 - 5.20	1.30 - 7.50	1.90 - 8.00	2.0 - 11.2	2.9 - 11.7	2.7 - 14.0
Power input	kW H	0.81	0.89	1.19	1.58	2.20	1.93	2.83
COP	W/W	4.94	4.94	4.71	4.30	4.09	4.67	4.24
SCOP		4.60	4.60	4.60	4.60	4.44	4.26	4.08
Energy efficiency class	H	A++	A++	A++	A++	A+	A+	A+

## Physical data outdoor

Outdoor unit		2-room Multisplit	2-room Multisplit	2-room Multisplit	3-room Multisplit	3-room Multisplit	4-room Multisplit	5-room Multisplit
		RAS-2M10U2AVG-E	RAS-2M14U2AVG-E	RAS-2M18U2AVG-E	RAS-3M18U2AVG-E	RAS-3M26U2AVG-E	RAS-4M27U2AVG-E	RAS-5M34U2AVG-E
		RAS-2M10U2AVG-TR	RAS-2M14U2AVG-TR	RAS-2M18U2AVG-TR	RAS-3M18U2AVG-TR	RAS-3M26U2AVG-TR	RAS-4M27U2AVG-TR	RAS-5M34U2AVG-TR
Air flow	m <sup>3</sup> /h - l/s C	1863-517	1863-517	2107-585	2177-605	2507-696	2507-696	3245-901
Sound pressure level	dB(A) C	45	45	47	49	48	48	52
Sound power level	dB(A) C	58	58	60	62	63	63	66
Operating range	°C C	-10/46	-10/46	-10/46	-10/46	-10/46	-10/46	-10/46
Air flow	m <sup>3</sup> /h - l/s H	1863-517	1863-517	2038-566	2107-585	2507-696	2507-696	3666-1018
Sound pressure level	dB(A) H	46	46	50	50	49	49	55
Sound power level	dB(A) H	59	59	63	63	64	64	68
Operating range	°C H	-20/24	-20/24	-20/24	-20/24	-15/24	-15/24	-15/24
Dimensions (HxWxD)	mm	630 x 800 x 300	630 x 800 x 300	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	38	43	45	46	72	72	78
Compressor type		DC Single Rotary	DC Twin Rotary	DC Twin Rotary	DC Twin Rotary	DC Twin Rotary	DC Twin Rotary	DC Twin Rotary
Flare connections - gas		1/4" x 2	1/4" x 2	1/4" x 2	1/4" x 2	3/8" x 1 + 1/2"x2	3/8" x 2 + 1/2"x2	3/8" x 3 + 1/2"x2
Flare connections - liquid		3/8" x 2	3/8" x 2	3/8" x 2	3/8" x 2 + 1/2"x1	1/4" x 3	1/4" x 4	1/4" x 5
Maximum pipe length (per unit/total)	m	15/20	20/30	20/30	25/50	25/ 70	25 / 70	25 / 80
Maximum height difference	m	10	10	10	10	15	15	15
Refrigerant charge	kg	0.85	1.02	1.02	1.05	1.92	1.92	2.39
Chargeless pipe length	m	20	30	30	50	40	40	40
Power supply	V-ph-Hz	220/240-1-50	220/240-1-50	220/240-1-50	220/240-1-50	220/240-1-50	220/240-1-50	220/240-1-50

C: cooling mode  
H: heating mode  
E: European Union  
TR: Turkey

# RAS MULTI INDOOR UNITS



- Toshiba indoor air quality with Plasma Air Purifier
- 3D airflow with 6 unique airflow patterns
- Silent operation outdoor unit
- Wireless remote control adaptor inside FCU
- Self-cleaning function / Weekly timer / 8°C button
- Extremely silent operation

## Physical data indoor

Indoor unit			RAS-M10PKVPG-E RAS-M10PKVPG-TR	RAS-M13PKVPG-E RAS-M13PKVPG-TR	RAS-M16PKVPG-E RAS-M16PKVPG-TR
Air flow	m³/h - l/s	C	672 - 187	672 - 187	672 - 187
Sound pressure level (h/l)	dB(A)	C	42/20	43/20	44/23
Sound power level (h/l)	dB(A)	C	57	58	59
Air flow	m³/h - l/s	H	726 - 202	726 - 202	642 - 178
Sound pressure level (h/l)	dB(A)	H	44/20	44/20	45/23
Sound power level (h/l)	dB(A)	H	59	59	60
Dimensions (h x w x d)	mm		293 x 851 x 270	293 x 851 x 270	293 x 851 x 270
Weight	kg		14	14	14
Flare connections (gas-liquid)			3/8" - 1/4"	3/8" - 1/4"	3/8" - 1/4"



- Truly elegant design featuring a stylish textile fabric cover
- Toshiba Ultra Pure Filter PM 2.5 & Toshiba Plasma Ionizer
- Toshiba HAORI luxury remote control
- Wifi adaptor inside FCU
- Silent operation

## Physical data indoor

Indoor unit			RAS-M07N4KVRG-E RAS-M07N4KVRG-TR	RAS-B10N4KVRG-E RAS-B10N4KVRG-TR	RAS-B13N4KVRG-E RAS-B13N4KVRG-TR	RAS-B16N4KVRG-E RAS-B16N4KVRG-TR
Air flow (h)	m³/h - l/s	C	600 - 166	600 - 166	670 - 186	690 - 180
Sound pressure level (h/q)	dB(A)	C	41/19	41/19	43/19	45/21
Sound power level (h)	dB(A)	C	54	54	56	58
Air flow (h)	m³/h - l/s	H	610 - 169	610 - 169	680 - 189	730 - 186
Sound pressure level (h/q)	dB(A)	H	41/19	41/19	43/19	45/22
Sound power level (h)	dB(A)	H	54	54	56	58
Dimensions (h x w x d)	mm		300 x 987 x 210	300 x 987 x 210	300 x 987 x 210	300 x 987 x 210
Weight	kg		11	11	11	12
Flare connections (gas-liquid)			3/8" - 1/4"	3/8" - 1/4"	3/8" - 1/4"	1/2" - 1/4"



- Toshiba Ultra Pure Filter PM2.5
- 3D airflow with 6 unique airflow patterns (22k&24k)
- Wifi adaptor inside FCU
- HADA care flow
- Silent operation

## Physical data indoor

Indoor unit	RAS-	RAS-M05J2KVSG-E RAS-M05J2KVSG-TR	RAS-B07J2KVSG-E RAS-M07J2KVSG-TR	RAS-B10J2KVSG-E RAS-M10J2KVSG-TR	RAS-B13J2KVSG-E RAS-M13J2KVSG-TR	RAS-B16J2KVSG-E RAS-M16J2KVSG-TR	RAS-B16J2KVSG-E RAS-M16J2KVSG-TR	RAS-B16J2KVSG-E RAS-M16J2KVSG-TR
Air flow	m³/h - l/s	C	606 - 168	660 - 183	660 - 183	732 - 203	750 - 208	750 - 208
Sound pressure level (h/l)	dB(A)	C	37/22	40/22	40/22	43/23	44/25	44/25
Sound power level (h/l)	dB(A)	C	50/35	53/35	53/35	56/36	57/38	57/38
Air flow	m³/h - l/s	H	606 - 168	660 - 183	660 - 183	732 - 203	768 - 213	768 - 213
Sound pressure level (h/l)	dB(A)	H	37/22	40/22	40/22	43/23	44/26	44/26
Sound power level (h)	dB(A)	H	50/35	53/35	53/35	56/36	57/39	57/39
Dimensions (h x w x d)	mm		293 x 800 x 226	293 x 800 x 226	293 x 800 x 226	293 x 800 x 226	293 x 800 x 226	293 x 800 x 226
Weight	kg		10	10	10	10	10	10
Flare connections (gas-liquid)			3/8" - 1/4"	3/8" - 1/4"	3/8" - 1/4"	3/8" - 1/4"	1/2" - 1/4"	1/2" - 1/4"



- Elegant compact design
- Toshiba Ultra Fresh Filter PM2.5
- WiFi adaptor inside FCU
- Silent operation

## Physical data indoor

Indoor unit			RAS-B05E2KVG-E RAS-M05E2KVG-TR	RAS-B07E2KVG-E RAS-M07E2KVG-TR	RAS-B10E2KVG-E RAS-M10E2KVG-TR	RAS-B13E2KVG-E RAS-M13E2KVG-TR	RAS-B16E2KVG-E RAS-M16E2KVG-TR
Air flow	m³/h - l/s	C	480 - 134	500 - 140	510 - 142	540 - 150	750 - 208
Sound pressure level (h/q)	dB(A)	C	37/19	38/19	39/19	41/20	43/21
Sound power level (h)	dB(A)	C	50	51	52	54	56
Air flow	m³/h - l/s	H	480 - 134	500 - 140	510 - 144	560 - 158	760 - 212
Sound pressure level (h/q)	dB(A)	H	37/19	38/19	39/20	42/20	43/22
Sound power level (h)	dB(A)	H	50	51	52	55	56
Dimensions (h x w x d)	mm		288 x 770 x 225	288 x 770 x 225	288 x 770 x 225	288 x 770 x 225	293 x 798 x 230
Weight	kg		9	9	9	9	10
Flare connections (gas-liquid)			3/8" - 1/4"	3/8" - 1/4"	3/8" - 1/4"	3/8" - 1/4"	1/2" - 1/4"

C: cooling mode  
H: heating mode

## INDOOR UNITS

### CONSOLE



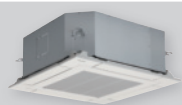
- Bi-flow air delivery system (floor heating)
- Silent operation outdoor unit
- Wireless remote control
- R32 refrigerant gas sensor accessory inside FCU (RB-I301-E)

#### Physical data indoor

Indoor unit			RAS-B10J2FVG-E RAS-M10J2FVG-TR	RAS-B13J2FVG-E RAS-M13J2FVG-TR	RAS-B18J2FVG-E RAS-M18J2FVG-TR
Air Flow	m <sup>3</sup> /h - l/s	C	468 - 130	510 - 142	600 - 167
Sound pressure level (h/l)	dB(A)	C	39/23	40/24	46/31
Sound power level (h/l)	dB(A)	C	54/38	55/39	60/46
Air Flow	m <sup>3</sup> /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"	1/2" - 1/4"

C: cooling mode  
H: heating mode

### COMPACT CASSETTE



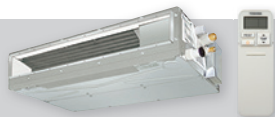
- 4 way air diffusion grille
- Elegant Flat Panel modern design & Compact dimensions to suit 600x600mm grid ceilings
- Wired or Wireless remote control / Occupancy sensor option
- Individual louver control / Dual & cycle swing
- Condensate drain pump included (up to 850mm height)

#### Physical data indoor

Indoor unit			RAS-M10U2MUVG-E RAS-M10U2MUVG-TR	RAS-M13U2MUVG-E RAS-M13U2MUVG-TR	RAS-M16U2MUVG-E RAS-M16U2MUVG-TR
Air flow (h/l)	m <sup>3</sup> /h	C	590/430	620/430	680/450
Sound pressure level (h/l)	dB(A)	C	37/30	38/30	41/31
Sound power level	dB(A)	C	52/45	53/45	56/46
Air flow (h/l)	m <sup>3</sup> /h	H	590/430	620/430	680/450
Sound pressure level (h/l)	dB(A)	H	37/30	38/30	41/31
Sound power level	dB(A)	H	52/45	53/45	56/46
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"

C: cooling mode  
H: heating mode

### DUCTED



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

Indoor unit			RAS-M07U2DVG-E RAS-M07U2DVG-TR	RAS-M10U2DVG-E RAS-M10U2DVG-TR	RAS-M13U2DVG-E RAS-M13U2DVG-TR	RAS-M16U2DVG-E RAS-M16U2DVG-TR	RAS-M22U2DVG-E RAS-M22U2DVG-TR	RAS-M24U2DVG-E RAS-M24U2DVG-TR
Air flow (h/l)	m <sup>3</sup> /h	C	570 / 380	570 / 380	610 / 385	780 / 420	1000/740	1060/760
Sound pressure level (h/l) *1	dB(A)	C	35 / 27	35 / 27	37 / 27	35 / 24	38/32	39/33
Sound power level (h/l) *1	dB(A)	C	50 / 42	50 / 42	52 / 42	50 / 39	53/47	54/48
Air flow (h/l)	m <sup>3</sup> /h - l/s	H	570 / 380	570 / 380	610 / 385	780 / 450	1000/740	1060/760
Sound pressure level (h/l) *1	dB(A)	H	35 / 27	35 / 27	37 / 27	35 / 25	38/32	39/33
Sound power level (h/l) *1	dB(A)	H	50 / 42	50 / 42	52 / 42	50 / 40	53/47	54/48
Dimensions (h x w x d)	mm		210 x 700 x 450	210 x 700 x 450	210 x 700 x 450	210 x 900 x 450	210 x 1100 x 450	210 x 1100 x 450
Weight	kg		16	16	16	19	22	22
Flare connections (gas - liquid)			3/8" - 1/4"	3/8" - 1/4"	3/8" - 1/4"	1/2" - 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	10 / 20 / 35 /45	10 / 20 / 35 /45

C: cooling mode  
H: heating mode  
\*1:Back in Take. External static pressure 35Pa.

### OPTIONAL



**Wireless**  
Weekly Remote control

RB-RXS33-E  
for SEIYA



**Wall mounted**  
Weekly Remote control  
(Cassette & Duct only)

RB-RWS21-E



**RAS-2M10U2AVG-E / TR - Performances data Bi-split size 10**

	Operating status	Combination		Unit capacity (kW)		Cooling capacity (kW)			Power input (W)			Operating current (A)		EER	Seasonal efficiencies*			
		Unit A	Unit B	Unit A	Unit B	Min.	Nom.	Max.	Min.	Nom.	Max.	Nom.	Pdesign		SEER	Class		
Cooling, 230 V	1 room	05	-	1.50	-	1.10	1.50	1.80	-	-	-	-	-	-	-	-	-	-
		07	-	2.00	-	1.20	2.00	2.50	-	-	-	-	-	-	-	-	-	-
		10	-	2.70	-	1.20	2.70	3.20	-	-	-	-	-	-	-	-	-	-
	2 rooms	05	05	1.50	1.50	1.25	3.0	3.5	250	850	910	4.25	3.53	3.0	5.40	A	-	-
		07	05	1.89	1.41	1.25	3.3	3.6	250	800	910	4.00	4.13	3.3	6.31	A++	-	-
		10	05	2.12	1.18	1.25	3.3	3.8	250	790	920	3.95	4.18	3.3	6.39	A++	-	-
		07	07	1.65	1.65	1.25	3.3	3.7	250	780	920	3.90	4.23	3.3	6.47	A++	-	-
		10	07	1.90	1.40	1.25	3.3	3.8	250	770	930	3.85	4.29	3.3	6.56	A++	-	-
		10	10	1.65	1.65	1.25	3.3	3.9	250	750	930	3.75	4.40	3.3	6.73	A++	-	-
		10	10	1.65	1.65	1.25	3.3	3.9	250	750	930	3.75	4.40	3.3	6.73	A++	-	-
Heating, 230 V	1 room	05	-	2.00	-	0.90	2.00	2.50	-	-	-	-	-	-	-	-	-	-
		07	-	2.70	-	0.90	2.70	3.40	-	-	-	-	-	-	-	-	-	-
		10	-	4.00	-	0.90	4.00	4.80	-	-	-	-	-	-	-	-	-	-
	2 rooms	05	05	2.00	2.00	1.0	4.0	4.4	200	860	1220	4.27	4.65	2.7	4.33	A+	-	-
		07	05	2.30	1.70	1.0	4.0	4.5	200	850	1200	4.22	4.71	2.7	4.38	A+	-	-
		10	05	2.67	1.33	1.0	4.0	4.7	200	840	1190	4.17	4.76	2.7	4.44	A+	-	-
		07	07	2.00	2.00	1.0	4.0	4.6	200	840	1190	4.17	4.76	2.7	4.44	A+	-	-
		10	07	2.39	1.61	1.0	4.0	4.8	200	820	1170	4.07	4.88	2.7	4.54	A+	-	-
		10	10	2.00	2.00	1.0	4.0	4.9	200	810	1150	4.02	4.94	2.7	4.60	A++	-	-
		10	10	2.00	2.00	1.0	4.0	4.9	200	810	1150	4.02	4.94	2.7	4.60	A++	-	-

**RAS-2M14U2AVG-E / TR - Performances data Bi-split size 14**

	Operating status	Combination		Unit capacity (kW)		Cooling capacity (kW)			Power input (W)			Operating current (A)		EER	Seasonal efficiencies*					
		Unit A	Unit B	Unit A	Unit B	Min.	Nom.	Max.	Min.	Nom.	Max.	Nom.	Pdesign		SEER	Class				
Cooling, 230 V	1 room	05	-	1.50	-	1.20	1.50	1.80	-	-	-	-	-	-	-	-	-	-		
		07	-	2.00	-	1.30	2.00	2.50	-	-	-	-	-	-	-	-	-	-		
		10	-	2.70	-	1.30	2.70	3.20	-	-	-	-	-	-	-	-	-	-		
		13	-	3.70	-	1.30	3.70	4.10	-	-	-	-	-	-	-	-	-	-		
	2 rooms	05	05	1.50	1.50	1.6	3.0	4.2	290	910	1130	4.21	3.30	3.0	5.10	A	-	-		
		07	05	2.00	1.50	1.6	3.5	4.3	290	960	1130	4.44	3.65	3.5	5.64	A+	-	-		
		10	05	2.57	1.43	1.6	4.0	4.4	290	1030	1130	4.87	3.88	4.0	6.01	A+	-	-		
		13	05	2.85	1.15	1.6	4.0	4.5	290	960	1130	4.54	4.17	4.0	6.45	A++	-	-		
		07	07	2.00	2.00	1.6	4.0	4.5	290	1030	1130	4.87	3.88	4.0	6.55	A++	-	-		
		10	07	2.30	1.70	1.6	4.0	4.6	290	960	1130	4.54	4.17	4.0	6.58	A++	-	-		
		13	07	2.60	1.40	1.6	4.0	4.7	290	940	1140	4.44	4.26	4.0	6.65	A++	-	-		
		10	10	2.00	2.00	1.6	4.0	4.7	290	940	1140	4.44	4.26	4.0	6.63	A++	-	-		
		13	10	2.31	1.69	1.6	4.0	4.8	290	930	1150	4.40	4.30	4.0	6.70	A++	-	-		
		13	13	2.00	2.00	1.6	4.0	4.9	290	920	1150	4.35	4.35	4.0	6.73	A++	-	-		
		Heating, 230 V	1 room	05	-	2.00	-	0.90	2.00	2.50	-	-	-	-	-	-	-	-	-	-
				07	-	2.70	-	0.90	2.70	3.40	-	-	-	-	-	-	-	-	-	-
				10	-	4.00	-	0.90	4.00	4.80	-	-	-	-	-	-	-	-	-	-
				13	-	4.40	-	1.00	4.40	5.20	-	-	-	-	-	-	-	-	-	-
			2 rooms	05	05	2.00	2.00	1.3	4.0	4.7	250	920	1270	4.34	4.35	3.1	3.82	A	-	-
07	05			2.53	1.87	1.3	4.4	4.8	250	960	1270	4.53	4.58	3.1	4.09	A+	-	-		
10	05			2.93	1.47	1.3	4.4	4.9	250	960	1270	4.53	4.58	3.1	4.09	A+	-	-		
13	05			3.14	1.26	1.3	4.4	5.0	250	950	1250	4.48	4.63	3.1	4.13	A+	-	-		
07	07			2.20	2.20	1.3	4.4	5.1	250	960	1270	4.53	4.58	3.1	4.31	A+	-	-		
10	07			2.63	1.77	1.3	4.4	5.1	250	950	1250	4.48	4.63	3.1	4.33	A+	-	-		
13	07			2.73	1.67	1.3	4.4	5.2	250	920	1250	4.34	4.78	3.1	4.37	A+	-	-		
10	10			2.20	2.20	1.3	4.4	5.1	250	930	1230	4.39	4.73	3.1	4.35	A+	-	-		
13	10			2.30	2.10	1.3	4.4	5.2	250	910	1230	4.29	4.84	3.1	4.39	A+	-	-		
13	13			2.20	2.20	1.3	4.4	5.2	250	890	1220	4.20	4.94	3.1	4.6	A++	-	-		

**RAS-2M18U2AVG-E / TR - Performances data Bi-split size 18**

	Operating status	Combination		Unit capacity (kW)		Cooling capacity (kW)			Power input (W)			Operating current (A)		EER	Seasonal efficiencies*		
		Unit A	Unit B	Unit A	Unit B	Min.	Nom.	Max.	Min.	Nom.	Max.	Nom.	Pdesign		SEER	Class	
Cooling, 230 V	1 room	05	-	1.50	-	1.20	1.50	1.80	-	-	-	-	-	-	-	-	-
		07	-	2.00	-	1.30	2.00	2.50	-	-	-	-	-	-	-	-	-
		10	-	2.70	-	1.30	2.70	3.20	-	-	-	-	-	-	-	-	-
		13	-	3.70	-	1.40	3.70	4.10	-	-	-	-	-	-	-	-	-
		16	-	4.50	-	1.50	4.50	5.30	-	-	-	-	-	-	-	-	-
		2 rooms	05	05	1.50	1.50	1.7	3.0	5.2	270	700	1840	3.31	4.29	3.0	7.48	A++
	07		05	2.00	1.50	1.7	3.5	5.3	270	850	1840	3.93	4.12	3.5	7.19	A++	-
	10		05	2.70	1.50	1.7	4.2	5.4	270	1100	1840	5.03	3.82	4.2	6.66	A++	-
	13		05	3.70	1.50	1.7	5.2	5.5	270	1520	1840	6.96	3.42	5.2	5.97	A+	-
	16		05	3.90	1.30	1.7	5.2	5.5	270	1490	1840	6.82	3.49	5.2	6.09	A+	-
	07		07	2.00	2.00	1.7	4.0	5.5	270	1000	1700	4.58	4.00	4.0	6.59	A++	-
	10		07	2.70	2.00	1.7	4.7	5.8	270	1260	1830	5.80	3.73	4.7	6.62	A++	-
	13		07	3.38	1.82	1.7	5.2	5.9	270	1490	1840	6.82	3.49	5.2	6.64	A++	-
	16		07	3.60	1.60	1.7	5.2	6.2	270	1390	1870	6.37	3.74	5.2	6.84	A++	-
	10		10	2.60	2.60	1.7	5.2	5.9	270	1520	1840	6.95	3.42	5.2	6.62	A++	-
	13		10	3.01	2.19	1.7	5.2	6.0	270	1480	1850	6.77	3.51	5.2	6.69	A++	-
	16		10	3.25	1.95	1.7	5.2	6.3	270	1370	1870	6.29	3.80	5.2	6.88	A++	-
	13		13	2.60	2.60	1.7	5.2	6.1	270	1430	1850	6.55	3.64	5.2	6.76	A++	-
	16		13	2.85	2.35	1.7	5.2	6.2	270	1340	1880	6.15	3.88	5.2	6.90	A++	-
	16		16	2.60	2.60	1.7	5.2	6.4	270	1300	1900	5.97	4.00	5.2	6.98	A++	-

\* Note: seasonal efficiencies SEER & SCOP with highwall and/or Console combination. Minimum 2 indoor units connected.



**RAS-2M18U2AVG-E / TR - Performances data Bi-split size 18**

Operating status	Combination		Unit capacity (kW)		Heating capacity (kW)			Power input (W)			Operating current (A) Nom.	COP	Seasonal efficiencies*		
	Unit A	Unit B	Unit A	Unit B	Min.	Nom.	Max.	Min.	Nom.	Max.			Pdesign	SEER	Class
1 room	05	-	2.00	-	1.00	2.00	2.50	-	-	-	-	-	-	-	-
	07	-	2.70	-	1.00	2.70	3.40	-	-	-	-	-	-	-	-
	10	-	4.00	-	1.00	4.00	4.80	-	-	-	-	-	-	-	-
	13	-	5.00	-	1.00	5.00	5.30	-	-	-	-	-	-	-	-
2 rooms	05	05	2.00	2.00	1.3	4.0	6.7	240	980	2200	4.53	4.08	3.2	3.85	A
	07	05	2.70	2.00	1.3	4.7	6.8	240	1160	2200	5.37	4.05	3.2	3.82	A
	10	05	3.73	1.87	1.3	5.6	6.9	240	1380	2100	6.38	4.06	3.2	3.82	A
	13	05	4.00	1.60	1.3	5.6	7.0	240	1380	2100	6.38	4.06	3.2	3.82	A
	16	05	4.11	1.49	1.3	5.6	7.1	240	1350	2100	6.24	4.15	3.2	3.91	A
	07	07	2.70	2.70	1.3	5.0	7.2	240	1370	2240	6.34	3.65	3.2	4.19	A+
	10	07	3.34	2.26	1.3	5.6	7.2	250	1390	2200	6.37	4.03	3.2	4.21	A+
	13	07	3.64	1.96	1.3	5.6	7.5	250	1340	2250	6.15	4.18	3.2	4.32	A+
	16	07	3.76	1.84	1.3	5.6	7.5	240	1240	2090	5.71	4.52	3.2	4.57	A+
	10	10	2.80	2.80	1.3	5.6	7.3	250	1350	2160	6.20	4.15	3.2	4.31	A+
	13	10	3.11	2.49	1.3	5.6	7.5	250	1320	2210	6.06	4.24	3.2	4.33	A+
	16	10	3.24	2.36	1.3	5.6	7.5	240	1220	2070	5.62	4.59	3.2	4.59	A+
	13	13	2.80	2.80	1.3	5.6	7.5	250	1290	2170	5.93	4.34	3.2	4.36	A+
	16	13	2.93	2.67	1.3	5.6	7.5	240	1190	2020	5.48	4.71	3.2	4.6	A++
	16	16	2.80	2.80	1.3	5.6	7.5	240	1140	1910	5.26	4.91	3.2	4.63	A++

Heating, 230 V

RESIDENTIAL AIR-TO-AIR

**RAS-3M18U2AVG-E / TR - Performances data Tri-split size 18**

Operating status	Combination			Unit capacity (kW)			Cooling capacity (kW)			Power input (W)			Operating current (A) Nom.	EER	Seasonal efficiencies*		
	Unit A	Unit B	Unit C	Unit A	Unit B	Unit C	Min.	Nom.	Max.	Min.	Nom.	Max.			Pdesign	SEER	Class
1 room	05	-	-	1.50	-	-	1.30	1.50	1.80	-	-	-	-	-	-	-	
	07	-	-	2.00	-	-	1.40	2.00	2.50	-	-	-	-	-	-	-	
	10	-	-	2.70	-	-	1.40	2.70	3.20	-	-	-	-	-	-	-	
	13	-	-	3.70	-	-	1.50	3.70	4.10	-	-	-	-	-	-	-	
	16	-	-	4.50	-	-	1.60	4.50	5.30	-	-	-	-	-	-	-	
2 rooms	05	05	-	1.50	1.50	-	2.4	3.0	6.0	390	620	1890	2.87	-	3.0	-	
	07	05	-	2.00	1.50	-	2.4	3.5	6.0	390	780	1890	3.61	-	3.5	-	
	10	05	-	2.70	1.50	-	2.4	4.2	6.0	390	1050	1890	4.86	-	4.2	-	
	13	05	-	3.70	1.50	-	2.4	5.2	6.2	390	1550	1890	7.09	-	5.2	-	
	16	05	-	3.90	1.30	-	2.4	5.2	6.2	390	1590	1890	7.28	-	5.2	-	
	07	07	-	2.00	2.00	-	2.4	4.0	6.0	390	970	1890	4.50	-	4.0	-	
	10	07	-	2.70	2.00	-	2.4	4.7	6.0	390	1290	1880	5.93	-	4.7	-	
	13	07	-	3.38	1.82	-	2.4	5.2	6.1	390	1530	1890	6.99	-	5.2	-	
	16	07	-	3.60	1.60	-	2.4	5.2	6.2	390	1420	1920	6.51	-	5.2	-	
	10	10	-	2.60	2.60	-	2.4	5.2	6.1	390	1570	1890	7.17	-	5.2	-	
	13	10	-	3.01	2.19	-	2.4	5.2	6.0	390	1520	1900	6.95	-	5.2	-	
	16	10	-	3.25	1.95	-	2.4	5.2	6.3	390	1410	1920	6.46	-	5.2	-	
	13	13	-	2.60	2.60	-	2.4	5.2	6.1	390	1450	1920	6.73	-	5.2	-	
	16	13	-	2.85	2.35	-	2.4	5.2	6.2	390	1380	1930	6.33	-	5.2	-	
	16	16	-	2.60	2.60	-	2.4	5.2	6.4	390	1340	1950	6.15	-	5.2	-	
	3 rooms	05	05	05	1.50	1.50	1.50	2.4	4.5	6.3	400	1130	1890	5.23	3.98	4.5	6.35
07		05	05	2.00	1.50	1.50	2.4	5	6.4	400	1390	1890	6.43	3.60	5	5.74	A+
10		05	05	2.46	1.37	1.37	2.4	5.2	6.5	400	1530	1890	7.08	3.40	5.2	5.42	A
13		05	05	2.87	1.16	1.16	2.4	5.2	6.5	400	1210	1950	5.60	4.30	5.2	6.85	A++
16		05	05	3.12	1.04	1.04	2.4	5.2	6.5	400	1200	1950	5.55	4.33	5.2	6.91	A++
07		07	05	1.89	1.89	1.42	2.4	5.2	6.5	400	1560	1950	7.22	3.33	5.2	5.32	A
10		07	05	2.26	1.68	1.26	2.4	5.2	6.5	400	1220	1950	5.64	4.26	5.2	6.80	A++
13		07	05	2.67	1.44	1.08	2.4	5.2	6.5	400	1410	1950	6.52	3.69	5.2	5.88	A+
16		07	05	2.93	1.30	0.98	2.4	5.2	6.5	400	1190	1950	5.50	4.37	5.2	6.97	A++
10		10	05	2.03	2.03	1.13	2.4	5.2	6.5	400	1210	1950	5.60	4.30	5.2	6.85	A++
13		10	05	2.44	1.78	0.99	2.4	5.2	6.5	400	1200	1950	5.55	4.33	5.2	6.91	A++
16		10	05	2.69	1.61	0.90	2.4	5.2	6.5	400	1190	1950	5.50	4.37	5.2	6.97	A++
13		13	05	2.16	2.16	0.88	2.4	5.2	6.5	400	1180	1950	5.46	4.41	5.2	7.03	A++
16		13	05	2.41	1.98	0.80	2.4	5.2	6.5	400	1170	1950	5.41	4.44	5.2	7.09	A++
07		07	07	1.74	1.73	1.73	2.4	5.2	6.5	400	1220	1950	5.62	4.26	5.2	6.92	A++
10		07	07	2.10	1.55	1.55	2.4	5.2	6.5	400	1210	1950	5.57	4.30	5.2	6.91	A++
13		07	07	2.60	1.35	1.35	2.4	5.2	6.5	400	1200	1950	5.53	4.33	5.2	6.9	A++
16		07	07	2.76	1.22	1.22	2.4	5.2	6.5	400	1190	1950	5.48	4.37	5.2	6.84	A++
10		10	07	1.90	1.90	1.40	2.4	5.2	6.5	400	1200	1950	5.53	4.33	5.2	6.91	A++
13		10	07	2.29	1.67	1.24	2.4	5.2	6.5	400	1190	1950	5.48	4.37	5.2	6.89	A++
16		10	07	2.54	1.53	1.13	2.4	5.2	6.5	400	1180	1950	5.44	4.41	5.2	6.82	A++
13		13	07	2.05	2.05	1.10	2.4	5.2	6.5	400	1180	1950	5.44	4.41	5.2	6.87	A++
16		13	07	2.29	1.89	1.02	2.4	5.2	6.5	400	1170	1950	5.39	4.44	5.2	6.75	A++
10		10	10	1.74	1.73	1.73	2.4	5.2	6.5	400	1190	1950	5.48	4.37	5.2	6.9	A++
13		10	10	2.12	1.54	1.54	2.4	5.2	6.5	400	1180	1950	5.44	4.41	5.2	6.87	A++
16		10	10	2.36	1.42	1.42	2.4	5.2	6.5	400	1170	1950	5.39	4.44	5.2	6.8	A++
13		13	10	1.90	1.90	1.40	2.4	5.2	6.5	400	1170	1950	5.39	4.44	5.2	6.85	A++

Cooling, 230 V



**RAS-3M18U2AVG-E / TR - Performances data Tri-split size 18**

Operating status	Combination			Unit capacity (kW)			Heating capacity (kW)			Power input (W)			Operating current (A)		COP	Seasonal efficiencies*		
	Unit A	Unit B	Unit C	Unit A	Unit B	Unit C	Min.	Nom.	Max.	Min.	Nom.	Max.	Nom.			Pdesign	SEER	Class
1 room	05	-	-	2.00	-	-	1.10	2.00	2.50	-	-	-	-	-	-	-	-	-
	07	-	-	2.70	-	-	1.10	2.70	3.40	-	-	-	-	-	-	-	-	-
	10	-	-	4.00	-	-	1.10	4.00	4.80	-	-	-	-	-	-	-	-	-
	13	-	-	5.00	-	-	1.10	5.00	5.30	-	-	-	-	-	-	-	-	-
	16	-	-	5.50	-	-	1.10	5.50	6.50	-	-	-	-	-	-	-	-	-
2 rooms	05	05	-	2.00	2.00	-	1.9	4.0	6.7	390	1000	2140	4.58	-	3.5	-	-	-
	07	05	-	2.70	2.00	-	1.9	4.7	6.8	390	1270	2190	5.81	-	3.5	-	-	-
	10	05	-	4.00	2.00	-	1.9	6.0	6.9	390	1700	2250	7.78	-	3.5	-	-	-
	13	05	-	4.86	1.94	-	1.9	6.8	7.0	390	1920	2280	8.70	-	3.5	-	-	-
	16	05	-	4.99	1.81	-	1.9	6.8	7.1	390	1920	2300	8.70	-	3.5	-	-	-
	07	07	-	2.70	2.70	-	1.9	5.4	7.2	370	1410	2300	6.39	-	3.5	-	-	-
	10	07	-	4.00	2.70	-	1.9	6.7	7.2	370	1900	2260	8.61	-	3.5	-	-	-
	13	07	-	4.42	2.95	-	1.9	6.8	7.5	370	1920	2310	8.70	-	3.5	-	-	-
	16	07	-	4.56	2.24	-	1.9	6.8	7.5	350	1820	2140	8.24	-	3.5	-	-	-
	10	10	-	3.40	3.40	-	1.9	6.8	7.3	370	1920	2210	8.70	-	3.5	-	-	-
	13	10	-	3.78	3.02	-	1.9	6.8	7.5	370	1920	2260	8.70	-	3.5	-	-	-
	16	10	-	3.94	2.86	-	1.9	6.8	7.5	350	1790	2130	8.11	-	3.5	-	-	-
	13	13	-	3.40	3.40	-	1.9	6.8	7.5	370	1870	2220	8.47	-	3.5	-	-	-
	16	13	-	3.56	3.24	-	1.9	6.8	7.5	350	1730	2070	7.84	-	3.5	-	-	-
	16	16	-	3.40	3.40	-	1.9	6.8	7.5	350	1640	1960	7.43	-	3.5	-	-	-
	3 rooms	05	05	05	2.00	2.00	2.00	1.9	6.0	7.9	400	1700	2250	7.78	3.53	3.5	3.80	A
07		05	05	2.70	2.00	2.00	1.9	6.7	8.0	400	1900	2250	8.70	3.53	3.5	3.80	A	
10		05	05	3.40	1.70	1.70	1.9	6.8	8.0	400	1920	2210	8.79	3.54	3.5	3.82	A	
13		05	05	3.78	1.51	1.51	1.9	6.8	8.0	400	1920	2260	8.79	3.54	3.5	3.82	A	
16		05	05	3.94	1.43	1.43	1.9	6.8	8.0	400	1790	2130	8.19	3.80	3.5	4.09	A+	
07		07	05	2.48	2.48	1.84	1.9	6.8	8.0	400	1920	2300	8.79	3.54	3.5	3.82	A	
10		07	05	3.13	2.11	1.56	1.9	6.8	8.0	400	1690	2310	7.73	4.02	3.5	4.34	A+	
13		07	05	3.51	1.89	1.40	1.9	6.8	8.0	400	1670	2280	7.64	4.07	3.5	4.39	A+	
16		07	05w	3.67	1.80	1.33	1.9	6.8	8.0	400	1660	2260	7.60	4.10	3.5	4.42	A+	
10		10	05	2.72	2.72	1.36	1.9	6.8	8.0	400	1870	2220	8.56	3.64	3.5	3.92	A	
13		10	05	3.09	2.47	1.24	1.9	6.8	8.0	400	1650	2250	7.55	4.12	3.5	4.44	A+	
16		10	05	3.25	2.37	1.18	1.9	6.8	8.0	400	1640	2250	7.51	4.15	3.5	4.47	A+	
13		13	05	2.83	2.83	1.13	1.9	6.8	8.0	400	1630	2210	7.46	4.17	3.5	4.50	A+	
16		13	05	2.99	2.72	1.09	1.9	6.8	8.0	400	1620	2200	7.41	4.20	3.5	4.52	A+	
07		07	07	2.26	2.27	2.27	1.9	6.8	8.0	350	1700	2320	7.75	4.00	3.5	4.46	A+	
10		07	07	2.90	1.95	1.95	1.9	6.8	8.0	350	1680	2290	7.66	4.05	3.5	4.47	A+	
13		07	07	3.26	1.77	1.77	1.9	6.8	8.0	350	1650	2250	7.53	4.12	3.5	4.47	A+	
16		07	07	3.44	1.68	1.68	1.9	6.8	8.0	340	1600	2150	7.30	4.25	3.5	4.61	A++	
10		10	07	2.54	2.54	1.72	1.9	6.8	8.0	350	1660	2260	7.57	4.10	3.5	4.47	A+	
13		10	07	2.91	2.32	1.57	1.9	6.8	8.0	350	1640	2220	7.48	4.15	3.5	4.43	A+	
16		10	07	3.07	2.23	1.50	1.9	6.8	8.0	340	1590	2130	7.26	4.28	3.5	4.61	A++	
13		13	07	2.68	2.68	1.44	1.9	6.8	8.0	350	1620	2190	7.39	4.20	3.5	4.42	A+	
16		13	07	2.83	2.58	1.39	1.9	6.8	8.0	340	1580	2110	7.22	4.30	3.5	4.6	A++	
10		10	10	2.26	2.27	2.27	1.9	6.8	8.0	350	1650	2230	7.53	4.12	3.5	4.46	A+	
13	10	10	2.62	2.09	2.09	1.9	6.8	8.0	350	1620	2200	7.39	4.20	3.5	4.43	A+		
16	10	10	2.78	2.01	2.01	1.9	6.8	8.0	330	1580	2090	7.22	4.30	3.5	4.6	A++		
13	13	10	2.43	2.43	1.94	1.9	6.8	8.0	350	1620	2160	7.39	4.20	3.5	4.42	A+		

Heating, 230 V

**RAS-3M26U2AVG-E / TR - Performances in Cooling mode**

Operating Status	Combination			Unit capacity (kW)			Cooling capacity (kW)			Power input (W)			Operating current (A)		EER	Seasonal efficiencies*		
	Unit A	Unit B	Unit C	Unit A	Unit B	Unit C	Min.	Nom.	Max.	Min.	Nom.	Max.	Nom.			Pdc	SEER	Class
1 unit operation	05	-	-	1.50	-	-	1.4	1.5	2.0	630	640	650	3.61	-	-	-	-	-
	07	-	-	2.00	-	-	1.4	2.0	2.5	640	650	700	3.67	-	-	-	-	-
	10	-	-	2.70	-	-	1.4	2.7	3.2	640	750	950	4.23	-	-	-	-	-
	13	-	-	3.70	-	-	1.4	3.7	4.4	640	1200	1520	5.93	-	-	-	-	-
	16	-	-	4.50	-	-	1.4	4.5	5.0	640	1650	2000	7.63	-	-	-	-	-
	18	-	-	5.00	-	-	1.4	5.0	5.2	640	1950	2100	8.92	-	-	-	-	-
	22	-	-	6.00	-	-	2.4	6.0	6.8	640	2020	2500	9.24	-	-	-	-	-
	24	-	-	7.10	-	-	2.4	7.1	7.2	660	2390	2960	10.94	-	-	-	-	-
2 units operations	05	05	-	1.50	1.50	-	2.5	3.0	4.0	640	750	1000	3.43	4.00	3.0	5.69	A+	
	07	05	-	2.00	1.50	-	2.5	3.5	4.5	640	850	1200	3.89	4.12	3.5	5.93	A+	
	10	05	-	2.70	1.50	-	2.5	4.2	5.2	640	1100	1550	5.03	3.82	4.2	6.08	A+	
	13	05	-	3.70	1.50	-	2.5	5.2	6.0	640	1450	1950	6.64	3.59	5.2	6.18	A++	
	16	05	-	4.35	1.45	-	2.5	5.8	6.5	640	1700	2200	7.78	3.41	5.8	6.21	A++	
	18	05	-	4.54	1.36	-	2.5	5.9	6.6	640	1740	2250	7.96	3.39	5.9	6.19	A++	
	22	05	-	5.04	1.26	-	2.5	6.3	6.9	640	1900	2400	8.70	3.32	6.3	6.25	A++	
	24	05	-	5.20	1.10	-	2.5	6.3	6.9	640	1900	2400	8.70	3.32	6.3	6.24	A++	
	07	07	-	2.00	2.00	-	2.5	4.0	6.3	640	950	1900	4.35	4.21	4.0	6.14	A++	
	10	07	-	2.70	2.00	-	2.5	4.7	6.3	640	1200	2100	5.49	3.92	4.7	6.25	A++	
	13	07	-	3.70	2.00	-	2.6	5.7	6.5	660	1600	2220	7.32	3.56	5.7	6.27	A++	
	16	07	-	4.08	1.82	-	2.7	5.9	6.6	660	1700	2220	7.78	3.47	5.9	6.22	A++	
	18	07	-	4.50	1.80	-	2.9	6.3	6.9	670	1900	2400	8.70	3.32	6.3	6.22	A++	
	22	07	-	4.73	1.58	-	2.9	6.3	7.1	670	1900	2400	8.70	3.32	6.3	6.25	A++	
	24	07	-	5.31	1.49	-	3.0	6.8	7.4	690	2200	2450	10.07	3.09	6.8	6.30	A++	
	10	10	-	2.70	2.70	-	2.5	5.4	6.3	640	1500	2100	6.86	3.60	5.4	6.28	A++	
	13	10	-	3.41	2.49	-	2.7	5.9	6.6	660	1700	2220	7.78	3.47	5.9	6.24	A++	
	16	10	-	3.94	2.36	-	2.9	6.3	6.9	670	2000	2400	9.15	3.15	6.3	6.11	A++	
	18	10	-	4.09	2.21	-	2.9	6.3	7.1	670	1900	2400	8.70	3.32	6.3			

## RAS-3M26U2AVG-E / TR - Performances in Cooling mode

Operating Status	Combination			Unit capacity (kW)			Cooling capacity (kW)			Power input (W)			Operating current (A)		EER	Seasonal efficiencies*	
	Unit A	Unit B	Unit C	Unit A	Unit B	Unit C	Min.	Nom.	Max.	Min.	Nom.	Max.	Nom.	Pdc	SEER	Class	
2 units operations	18	13	-	3.91	2.89	-	3.0	6.8	7.4	690	2200	2450	10.07	3.09	6.8	6.27	A++
	22	13	-	4.45	2.75	-	3.2	7.2	7.8	700	2300	2500	10.53	3.13	7.2	6.36	A++
	24	13	-	4.73	2.47	-	3.2	7.2	8.4	700	2300	2550	10.53	3.13	7.2	6.35	A++
	16	16	-	3.60	3.60	-	3.2	7.2	7.8	700	2300	2500	10.53	3.13	7.2	6.36	A++
	18	16	-	3.79	3.41	-	3.2	7.2	7.8	700	2300	2500	10.53	3.13	7.2	6.33	A++
	22	16	-	4.17	3.13	-	3.2	7.3	8.4	700	2400	2550	10.98	3.04	7.3	6.35	A++
	24	16	-	4.47	2.83	-	3.2	7.3	8.4	700	2400	2550	10.98	3.04	7.3	6.34	A++
	18	18	-	3.60	3.60	-	3.2	7.2	8.4	700	2300	2550	10.53	3.13	7.2	6.30	A++
	22	18	-	4.04	3.36	-	3.2	7.4	8.4	700	2400	2550	10.98	3.08	7.4	6.34	A++
	24	18	-	4.34	3.06	-	3.2	7.4	8.4	700	2400	2550	10.98	3.08	7.4	6.33	A++
3 units operations	05	05	05	1.50	1.50	1.50	3.8	4.5	5.5	950	1070	1390	4.90	4.21	4.5	5.30	A
	07	05	05	2.00	1.50	1.50	3.8	5.0	6.0	950	1180	1620	5.40	4.24	5.0	5.44	A
	10	05	05	2.70	1.50	1.50	3.8	5.7	6.7	950	1480	1940	6.77	3.85	5.7	5.58	A
	13	05	05	3.59	1.46	1.46	3.8	6.5	8.0	950	1585	2540	7.25	4.10	6.5	5.80	A+
	16	05	05	4.32	1.44	1.44	3.8	7.2	8.4	950	1885	2720	8.63	3.82	7.2	5.91	A+
	18	05	05	4.63	1.39	1.39	3.8	7.4	8.6	950	1975	2750	9.04	3.75	7.4	5.89	A+
	22	05	05	4.93	1.23	1.23	3.8	7.4	8.6	950	1975	2750	9.04	3.75	7.4	5.92	A+
	24	05	05	5.20	1.10	1.10	3.8	7.4	8.6	950	1975	2750	9.04	3.75	7.4	5.91	A+
	07	07	05	2.00	2.00	1.50	3.8	5.5	6.5	950	1290	1850	5.90	4.26	5.5	5.58	A
	10	07	05	2.70	2.00	1.50	3.8	6.2	7.3	950	1480	2220	6.77	4.19	6.2	5.74	A+
	13	07	05	3.55	1.92	1.44	3.8	6.9	8.4	950	1750	2720	8.01	3.94	6.9	5.88	A+
	16	07	05	4.16	1.85	1.39	3.8	7.4	8.6	950	1975	2750	9.04	3.75	7.4	5.93	A+
	18	07	05	4.35	1.74	1.31	3.8	7.4	8.6	950	1975	2750	9.04	3.75	7.4	5.89	A+
	22	07	05	4.67	1.56	1.17	3.8	7.4	8.8	950	1975	2770	9.04	3.75	7.4	5.92	A+
	24	07	05	4.96	1.40	1.05	3.8	7.4	8.8	950	1975	2770	9.04	3.75	7.4	5.91	A+
	10	10	05	2.70	2.70	1.50	3.8	6.9	8.4	950	1750	2720	8.01	3.94	6.9	5.88	A+
	13	10	05	3.47	2.53	1.41	3.8	7.4	8.6	950	1975	2750	9.04	3.75	7.4	5.93	A+
	16	10	05	3.83	2.30	1.28	3.8	7.4	8.6	950	1975	2750	9.04	3.75	7.4	5.93	A+
	18	10	05	4.02	2.17	1.21	3.8	7.4	8.8	950	1975	2770	9.04	3.75	7.4	5.89	A+
	22	10	05	4.35	1.96	1.09	3.8	7.4	8.8	950	1975	2770	9.04	3.75	7.4	5.92	A+
	24	10	05	4.65	1.77	0.98	3.8	7.4	8.8	950	1975	2770	9.04	3.75	7.4	5.91	A+
	13	13	05	3.08	3.08	1.25	3.8	7.4	8.6	950	1975	2750	9.04	3.75	7.4	5.93	A+
	16	13	05	3.43	2.82	1.14	3.8	7.4	8.8	950	1975	2770	9.04	3.75	7.4	5.93	A+
	18	13	05	3.63	2.68	1.09	3.8	7.4	8.8	950	1975	2770	9.04	3.75	7.4	5.89	A+
	22	13	05	3.96	2.44	0.99	3.8	7.4	8.8	950	1975	2770	9.04	3.75	7.4	5.92	A+
	24	13	05	4.27	2.23	0.90	3.8	7.4	8.8	950	1975	2770	9.04	3.75	7.4	5.91	A+
	16	16	05	3.17	3.17	1.06	3.8	7.4	8.8	950	1975	2770	9.04	3.75	7.4	5.93	A+
	18	16	05	3.36	3.03	1.01	3.8	7.4	8.8	950	1975	2770	9.04	3.75	7.4	5.89	A+
	22	16	05	3.70	2.78	0.93	3.8	7.4	8.8	950	1975	2770	9.04	3.75	7.4	5.92	A+
	24	16	05	4.06	2.58	0.86	3.8	7.5	9.0	950	2000	2800	9.15	3.75	7.5	5.93	A+
	07	07	07	2.00	2.00	2.00	3.8	6.0	8.4	950	1400	2720	6.41	4.29	6.0	5.70	A+
	10	07	07	2.70	2.00	2.00	3.8	6.7	8.4	950	1660	2720	7.60	4.04	6.7	5.86	A+
	13	07	07	3.56	1.92	1.92	3.9	7.4	8.6	960	1975	2750	9.04	3.75	7.4	5.93	A+
	16	07	07	3.92	1.74	1.74	3.9	7.4	8.6	960	1975	2750	9.04	3.75	7.4	5.93	A+
	18	07	07	4.11	1.64	1.64	4.0	7.4	8.8	970	1975	2770	9.04	3.75	7.4	5.89	A+
	22	07	07	4.44	1.48	1.48	4.0	7.4	8.8	970	1975	2770	9.04	3.75	7.4	6.18	A++
	24	07	07	4.73	1.33	1.33	4.0	7.4	8.8	970	1975	2770	9.04	3.75	7.4	6.17	A++
	10	10	07	2.70	2.70	2.00	3.8	7.4	8.4	950	1850	2720	8.47	4.00	7.4	5.97	A+
	13	10	07	3.26	2.38	1.76	3.9	7.4	8.6	960	1975	2750	9.04	3.75	7.4	5.93	A+
	16	10	07	3.62	2.17	1.61	4.0	7.4	8.8	970	1975	2770	9.04	3.75	7.4	5.92	A+
	18	10	07	3.81	2.06	1.53	4.0	7.4	8.8	970	1975	2770	9.04	3.75	7.4	5.89	A+
	22	10	07	4.15	1.87	1.38	4.0	7.4	8.8	970	1975	2770	9.04	3.75	7.4	6.18	A++
	24	10	07	4.45	1.69	1.25	4.0	7.4	8.8	970	1975	2770	9.04	3.75	7.4	6.17	A++
	13	13	07	2.91	2.91	1.57	4.0	7.4	8.8	970	1975	2770	9.04	3.75	7.4	5.92	A+
	16	13	07	3.26	2.68	1.45	4.0	7.4	8.8	970	1975	2770	9.04	3.75	7.4	5.92	A+
	18	13	07	3.46	2.56	1.38	4.0	7.4	8.8	970	1975	2770	9.04	3.75	7.4	5.89	A+
	22	13	07	3.79	2.34	1.26	4.0	7.4	8.8	970	1975	2770	9.04	3.75	7.4	6.18	A++
	24	13	07	4.10	2.14	1.16	4.0	7.4	8.8	970	1975	2770	9.04	3.75	7.4	6.17	A++
	16	16	07	3.03	3.03	1.35	4.0	7.4	8.8	970	1975	2770	9.04	3.75	7.4	6.05	A+
	18	16	07	3.22	2.90	1.29	4.0	7.4	8.8	970	1975	2770	9.04	3.75	7.4	6.15	A++
22	16	07	3.60	2.70	1.20	4.1	7.5	9.0	980	2000	2800	9.15	3.75	7.5	6.18	A++	
24	16	07	3.92	2.48	1.10	4.1	7.5	9.0	980	2000	2800	9.15	3.75	7.5	6.18	A++	
10	10	10	2.47	2.47	2.47	3.9	7.4	8.6	960	1975	2750	9.04	3.75	7.4	5.93	A+	
13	10	10	3.01	2.20	2.20	4.0	7.4	8.8	970	1975	2770	9.04	3.75	7.4	5.92	A+	
16	10	10	3.36	2.02	2.02	4.0	7.4	8.8	970	1975	2770	9.04	3.75	7.4	5.92	A+	
18	10	10	3.56	1.92	1.92	4.0	7.4	8.8	970	1975	2770	9.04	3.75	7.4	5.89	A+	
22	13	10	3.63	2.24	1.63	4.1	7.5	9.0	980	2000	2800	9.15	3.75	7.5	6.18	A++	
24	13	10	3.94	2.06	1.50	4.1	7.5	9.0	980	2000	2800	9.15	3.75	7.5	6.18	A++	
16	16	10	2.85	2.85	1.71	4.0	7.4	8.8	970	1975	2770	9.04	3.75	7.4	6.18	A++	
18	16	10	3.03	2.73	1.64	4.0	7.4	8.8	970	1975	2770	9.04	3.75	7.4	6.15	A++	
22	16	10	3.41	2.56	1.53	4.1	7.5	9.0	980	2000	2800	9.15	3.75	7.5	6.18	A++	
24	16	10	3.72	2.36	1.42	4.1	7.5	9.0	980	2000	2800	9.15	3.75	7.5	6.18	A++	
13	13	13	2.47	2.47	2.47	4.0	7.4	8.8	970	1975	2770	9.04	3.75	7.4	5.92	A+	
16	13	13	2.80	2.30	2.30	4.0	7.4	8.8	970	1975	2770	9.04	3.75	7.4	6.05	A+	
18	13	13															



**RAS-3M26U2AVG-E / TR - Performances in Heating mode**

Operating Status	Combination			Unit capacity (kW)			Cooling capacity (kW)			Power input (W)			Operating current (A)		EER		Seasonal efficiencies*	
	Unit A	Unit B	Unit C	Unit A	Unit B	Unit C	Min.	Nom.	Max.	Min.	Nom.	Max.	Nom.	Nom.	Nom.	Pdc	SEER	Class
1 unit operation	05	-	-	2.00	-	-	0.8	2.0	2.7	300	600	900	3.00	-	-	-	-	-
	07	-	-	2.70	-	-	0.8	2.7	4.8	300	900	1980	4.50	-	-	-	-	-
	10	-	-	4.00	-	-	0.8	4.0	5.2	300	1450	1980	6.64	-	-	-	-	-
	13	-	-	5.00	-	-	0.8	5.0	6.5	310	2050	2750	9.38	-	-	-	-	-
	16	-	-	5.50	-	-	0.8	5.5	6.9	310	2400	3000	10.98	-	-	-	-	-
	18	-	-	6.00	-	-	0.8	6.0	7.1	310	2630	3200	12.04	-	-	-	-	-
	22	-	-	7.00	-	-	1.8	7.0	8.2	330	2620	3200	11.99	-	-	-	-	-
	24	-	-	8.10	-	-	1.8	8.1	8.6	330	3080	3300	14.10	-	-	-	-	-
2 units operations	05	05	-	2.00	2.00	-	2.0	4.0	6.4	320	850	1400	3.89	4.71	3.5	4.05	A+	
	07	05	-	2.70	2.00	-	2.0	4.7	6.9	320	1050	1540	4.81	4.48	4.0	4.14	A+	
	10	05	-	4.00	2.00	-	2.0	6.0	7.4	320	1350	1680	6.18	4.44	4.5	4.22	A+	
	13	05	-	5.00	2.00	-	2.0	7.0	8.9	320	1560	2120	7.14	4.49	4.5	4.22	A+	
	16	05	-	5.50	2.00	-	2.0	7.5	9.5	320	1700	2300	7.78	4.41	4.7	4.31	A+	
	18	05	-	5.70	1.90	-	2.0	7.6	9.8	320	1850	2400	8.47	4.11	4.7	4.31	A+	
	22	05	-	5.99	1.71	-	2.0	7.7	11.2	320	1980	2760	9.06	3.89	4.7	4.21	A+	
	24	05	-	6.34	1.56	-	2.0	7.9	11.2	320	1980	2770	9.06	3.99	4.7	4.21	A+	
	07	07	-	2.70	2.70	-	1.5	5.4	7.4	320	1400	2900	6.41	3.86	4.5	4.22	A+	
	10	07	-	4.00	2.70	-	1.5	6.7	8.9	320	1950	3050	8.92	3.44	4.5	4.22	A+	
	13	07	-	4.81	2.59	-	1.5	7.4	9.5	320	2300	3200	10.53	3.22	4.7	4.31	A+	
	16	07	-	5.10	2.50	-	1.5	7.6	9.5	320	2300	3200	10.53	3.30	4.7	4.31	A+	
	18	07	-	5.45	2.45	-	1.5	7.9	9.5	320	2450	3200	11.21	3.22	4.7	4.31	A+	
	22	07	-	5.70	2.20	-	1.5	7.9	9.8	320	2450	3200	11.21	3.22	4.7	4.21	A+	
	24	07	-	6.23	2.08	-	1.5	8.3	10.1	320	2500	3250	11.44	3.32	4.7	4.21	A+	
	10	10	-	3.60	3.60	-	1.5	7.2	9.5	320	2200	3200	10.07	3.27	4.7	4.31	A+	
	13	10	-	4.22	3.38	-	1.5	7.6	9.5	320	2300	3200	10.53	3.30	4.7	4.31	A+	
	16	10	-	4.57	3.33	-	1.5	7.9	9.5	320	2450	3200	11.21	3.22	4.7	4.31	A+	
	18	10	-	4.74	3.16	-	1.5	7.9	9.8	320	2450	3200	11.21	3.22	4.7	4.31	A+	
	22	10	-	5.28	3.02	-	1.5	8.3	10.1	320	2500	3250	11.44	3.32	4.7	4.21	A+	
	24	10	-	5.76	2.84	-	1.5	8.6	10.4	320	2550	3250	11.67	3.37	4.7	4.21	A+	
	13	13	-	3.95	3.95	-	1.5	7.9	9.8	320	2450	3200	11.21	3.22	4.7	4.31	A+	
	16	13	-	4.35	3.95	-	1.5	8.3	10.1	320	2500	3250	11.44	3.32	4.7	4.31	A+	
	18	13	-	4.53	3.77	-	1.5	8.3	10.1	320	2500	3250	11.44	3.32	4.7	4.31	A+	
22	13	-	5.02	3.58	-	1.5	8.6	10.4	320	2550	3250	11.67	3.37	4.7	4.21	A+		
24	13	-	5.32	3.28	-	1.5	8.6	10.8	320	2550	3250	11.67	3.37	4.7	4.21	A+		
16	16	-	4.30	4.30	-	1.5	8.6	10.4	320	2550	3250	11.67	3.37	4.7	4.31	A+		
18	16	-	4.49	4.11	-	1.5	8.6	10.4	320	2550	3250	11.67	3.37	4.7	4.31	A+		
22	16	-	4.82	3.78	-	1.5	8.6	10.8	320	2550	3250	11.67	3.37	4.7	4.21	A+		
24	16	-	5.12	3.48	-	1.5	8.6	10.8	320	2550	3250	11.67	3.37	4.7	4.21	A+		
18	18	-	4.30	4.30	-	1.5	8.6	10.8	320	2550	3250	11.67	3.37	4.7	4.30	A+		
22	18	-	4.63	3.97	-	1.5	8.6	10.8	320	2550	3250	11.67	3.37	4.7	4.21	A+		
24	18	-	4.94	3.66	-	1.5	8.6	10.8	320	2550	3250	11.67	3.37	4.7	4.21	A+		
3 units operations	05	05	05	2.00	2.00	2.00	2.0	6.0	9.5	380	1220	1400	5.58	4.92	4.7	4.43	A+	
	07	05	05	2.70	2.00	2.00	2.0	6.7	10.0	380	1400	1540	6.41	4.79	4.7	4.43	A+	
	10	05	05	4.00	2.00	2.00	2.0	8.0	10.8	380	1850	1680	8.47	4.32	4.7	4.43	A+	
	13	05	05	4.94	1.98	1.98	2.0	8.9	11.2	380	2180	1790	9.98	4.08	5.2	4.44	A+	
	16	05	05	5.15	1.87	1.87	2.0	8.9	11.2	380	2180	2400	9.98	4.08	5.2	4.44	A+	
	18	05	05	4.80	1.60	1.60	2.0	8.0	10.8	380	1850	2730	8.47	4.32	5.2	4.43	A+	
	22	05	05	5.66	1.62	1.62	2.0	8.9	11.2	380	2180	2870	9.98	4.08	5.2	4.30	A+	
	24	05	05	5.96	1.47	1.47	2.0	8.9	11.2	380	2180	2770	9.98	4.08	5.2	4.30	A+	
	07	07	05	2.70	2.70	2.00	2.0	7.4	10.8	380	1600	1680	7.32	4.63	4.7	4.43	A+	
	10	07	05	4.00	2.70	2.00	2.0	8.7	11.2	380	2180	2120	9.98	3.99	5.2	4.44	A+	
	13	07	05	4.59	2.48	1.84	2.0	8.9	11.2	380	2180	2400	9.98	4.08	5.2	4.44	A+	
	16	07	05	4.80	2.36	1.75	2.0	8.9	11.2	380	2180	2730	9.98	4.08	5.2	4.44	A+	
	18	07	05	4.99	2.25	1.66	2.0	8.9	11.2	380	2180	2730	9.98	4.08	5.2	4.43	A+	
	22	07	05	5.32	2.05	1.52	2.0	8.9	11.2	380	2180	2770	9.98	4.08	5.2	4.30	A+	
	24	07	05	5.63	1.88	1.39	2.0	8.9	11.2	380	2180	2780	9.98	4.08	5.2	4.30	A+	
	10	10	05	3.56	3.56	1.78	2.0	8.9	11.2	380	2180	2730	9.98	4.08	5.2	4.44	A+	
	13	10	05	4.05	3.24	1.62	2.0	8.9	11.2	380	2180	2870	9.98	4.08	5.2	4.44	A+	
	16	10	05	4.26	3.10	1.55	2.0	8.9	11.2	380	2180	2770	9.98	4.08	5.2	4.44	A+	
	18	10	05	4.45	2.97	1.48	2.0	8.9	11.2	380	2180	2770	9.98	4.08	5.2	4.43	A+	
	22	10	05	4.79	2.74	1.37	2.0	8.9	11.2	380	2180	2780	9.98	4.08	5.2	4.30	A+	
	24	10	05	5.11	2.52	1.26	2.0	8.9	11.2	380	2180	2790	9.98	4.08	5.2	4.30	A+	
	13	13	05	3.71	3.71	1.48	2.0	8.9	11.2	380	2180	2770	9.98	4.08	5.2	4.44	A+	
	16	13	05	3.92	3.56	1.42	2.0	8.9	11.2	380	2180	2780	9.98	4.08	5.2	4.44	A+	
	18	13	05	4.11	3.42	1.37	2.0	8.9	11.2	380	2180	2780	9.98	4.08	5.2	4.43	A+	
	22	13	05	4.45	3.18	1.27	2.0	8.9	11.2	380	2180	2790	9.98	4.08	5.2	4.30	A+	
	24	13	05	4.77	2.95	1.18	2.0	8.9	11.2	380	2180	2800	9.98	4.08	5.2	4.30	A+	
	16	16	05	3.77	3.77	1.37	2.0	8.9	11.2	380	2180	2780	9.98	4.08	5.2	4.44	A+	
	18	16	05	3.96	3.63	1.32	2.0	8.9	11.2	380	2180	2790	9.98	4.08	5.2	4.43	A+	
	22	16	05	4.30	3.38	1.23	2.0	8.9	11.2	380	2180	2790	9.98	4.08	5.2	4.30	A+	
	24	16	05	4.67	3.17	1.15	2.0	9.0	11.2	380	2200	2800	10.07	4.09	5.2	4.30	A+	
	07	07	07	2.70	2.70	2.70	2.0	8.1	10.8	380	1800	2750	8.24	4.50	5.2	4.44	A+	
	10	07	07	3.53	2.38	2.38	2.0	8.3	10.8	380	1900	2750	8.70	4.37	5.2	4.44	A+	
	13	07	07	4.28	2.31	2.31	2.0	8.9	10.8	380	2175	2750	9.95	4.09	5.2	4.44	A+	
	16	07	07	4.49	2.20	2.20	2.0	8.9	10.8	380	2175	2750	9.95	4.09	5.2	4.44	A+	
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**RAS-3M26U2AVG-E / TR - Performances in Heating mode**

Operating Status	Combination			Unit capacity (kW)				Cooling capacity (kW)			Power input (W)			Operating current (A)		EER		Seasonal efficiencies*		
	Unit A	Unit B	Unit C	Unit A	Unit B	Unit D	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.	SEER	Pdc	SEER	Class	
Heating, 230 V	3 units operations	13	13	10	3.18	3.18	2.54	2.0	8.9	11.0	380	2175	2830	9.95	4.09	5.2	4.44	A+		
		16	13	10	3.38	3.07	2.46	2.0	8.9	11.0	380	2175	2830	9.95	4.09	5.2	4.44	A+		
		18	13	10	3.56	2.97	2.37	2.0	8.9	11.0	380	2175	2830	9.95	4.09	5.2	4.43	A+		
		22	13	10	3.94	2.81	2.25	2.0	9.0	11.2	380	2200	2900	10.07	4.09	5.2	4.30	A+		
		24	13	10	4.26	2.63	2.11	2.0	9.0	11.2	380	2200	2900	10.07	4.09	5.2	4.30	A+		
		16	16	10	3.26	3.26	2.37	2.0	8.9	11.0	380	2175	2830	9.95	4.09	5.2	4.44	A+		
		18	16	10	3.45	3.16	2.30	2.0	8.9	11.0	380	2175	2830	9.95	4.09	5.2	4.43	A+		
		22	16	10	3.82	3.00	2.18	2.0	9.0	11.2	380	2200	2900	10.07	4.09	5.2	4.30	A+		
		24	16	10	4.14	2.81	2.05	2.0	9.0	11.2	380	2200	2900	10.07	4.09	5.2	4.30	A+		
		13	13	13	2.97	2.97	2.97	2.0	8.9	11.0	380	2175	2830	9.95	4.09	5.2	4.44	A+		
		16	13	13	3.16	2.87	2.87	2.0	8.9	11.0	380	2175	2830	9.95	4.09	5.2	4.44	A+		
		18	13	13	3.34	2.78	2.78	2.0	8.9	11.0	380	2175	2830	9.95	4.09	5.2	4.43	A+		
		22	13	13	3.71	2.65	2.65	2.0	9.0	11.2	380	2200	2900	10.07	4.09	5.2	4.30	A+		
		24	13	13	4.03	2.49	2.49	2.0	9.0	11.2	380	2200	2900	10.07	4.09	5.2	4.30	A+		
		16	16	13	3.09	3.09	2.81	2.0	9.0	11.2	380	2200	2900	10.07	4.09	5.2	4.44	A+		
		18	16	13	3.27	3.00	2.73	2.0	9.0	11.2	380	2200	2900	10.07	4.09	5.2	4.43	A+		
		22	16	13	3.60	2.83	2.57	2.0	9.0	11.2	380	2200	2900	10.07	4.09	5.2	4.30	A+		
		24	16	13	3.92	2.66	2.42	2.0	9.0	11.2	380	2200	2900	10.07	4.09	5.2	4.30	A+		
		16	16	16	3.00	3.00	3.00	2.0	9.0	11.2	380	2200	2900	10.07	4.09	5.2	4.44	A+		
		18	16	16	3.18	2.91	2.91	2.0	9.0	11.2	380	2200	2900	10.07	4.09	5.2	4.43	A+		
		22	16	16	3.50	2.75	2.75	2.0	9.0	11.2	380	2200	2900	10.07	4.09	5.2	4.30	A+		

**RAS-4M27U2AVG-E / TR - Performances in Cooling mode**

Operating Status	Combination			Unit capacity (kW)				Cooling capacity (kW)			Power input (W)			Operating current (A)		EER		Seasonal efficiencies*				
	Unit A	Unit B	Unit C	Unit D	Unit A	Unit B	Unit C	Unit D	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.	SEER	Pdc	SEER	Class	
Cooling, 230 V	1 unit operation	05	-	-	-	1.50	-	-	-	1.4	1.5	2.0	630	640	650	3.61	-	-	-	-	-	
		07	-	-	-	2.00	-	-	-	1.4	2.0	2.5	640	650	700	3.67	-	-	-	-	-	-
		10	-	-	-	2.70	-	-	-	1.4	2.7	3.2	640	750	950	4.23	-	-	-	-	-	-
		13	-	-	-	3.70	-	-	-	1.4	3.7	4.4	640	1200	1520	5.93	-	-	-	-	-	-
		16	-	-	-	4.50	-	-	-	1.4	4.5	5.0	640	1650	2000	7.63	-	-	-	-	-	-
		18	-	-	-	5.00	-	-	-	1.4	5.0	5.2	640	1950	2100	8.92	-	-	-	-	-	-
		22	-	-	-	6.00	-	-	-	2.4	6.0	6.8	640	2020	2500	9.24	-	-	-	-	-	-
		24	-	-	-	7.10	-	-	-	2.4	7.1	7.2	660	2390	2960	10.94	-	-	-	-	-	-
		18	16	05	-	3.96	3.63	1.32	-	2.0	8.9	11.2	380	2180	2790	9.98	4.08	5.2	4.43	A+		
		22	16	05	-	4.30	3.38	1.23	-	2.0	8.9	11.2	380	2180	2790	9.98	4.08	5.2	4.30	A+		
		05	05	-	-	1.50	1.50	-	-	2.5	3.0	4.0	640	750	1000	3.43	4.00	3.0	5.67	A+		
		07	05	-	-	2.00	1.50	-	-	2.5	3.5	4.5	640	850	1200	3.89	4.12	3.5	5.91	A+		
		10	05	-	-	2.70	1.50	-	-	2.5	4.2	5.2	640	1100	1550	5.03	3.82	4.2	6.06	A+		
		13	05	-	-	3.70	1.50	-	-	2.5	5.2	6.0	640	1450	1950	6.64	3.59	5.2	6.15	A++		
		16	05	-	-	4.35	1.45	-	-	2.5	5.8	6.5	640	1700	2200	7.78	3.41	5.8	6.26	A++		
		18	05	-	-	4.54	1.36	-	-	2.5	5.9	6.6	640	1740	2250	7.96	3.39	5.9	6.23	A++		
		22	05	-	-	5.04	1.26	-	-	2.5	6.3	6.9	640	1900	2400	8.70	3.32	6.3	6.31	A++		
		24	05	-	-	5.20	1.10	-	-	2.5	6.3	6.9	640	1900	2400	8.70	3.32	6.3	6.30	A++		
		07	07	-	-	2.00	2.00	-	-	2.5	4.0	6.3	640	950	1900	4.35	4.21	4.0	6.12	A++		
		10	07	-	-	2.70	2.00	-	-	2.5	4.7	6.3	640	1200	2100	5.49	3.92	4.7	6.23	A++		
		13	07	-	-	3.70	2.00	-	-	2.6	5.7	6.5	660	1600	2220	7.32	3.56	5.7	6.31	A++		
		16	07	-	-	4.08	1.82	-	-	2.7	5.9	6.6	660	1700	2220	7.78	3.47	5.9	6.27	A++		
		18	07	-	-	4.50	1.80	-	-	2.9	6.3	6.9	670	1900	2400	8.70	3.32	6.3	6.27	A++		
		22	07	-	-	4.73	1.58	-	-	2.9	6.3	7.1	670	1900	2400	8.70	3.32	6.3	6.31	A++		
		24	07	-	-	5.31	1.49	-	-	3.0	6.8	7.4	690	2200	2450	10.07	3.09	6.8	6.35	A++		
		10	10	-	-	2.70	2.70	-	-	2.5	5.4	6.3	640	1500	2100	6.86	3.60	5.4	6.26	A++		
		13	10	-	-	3.41	2.49	-	-	2.7	5.9	6.6	660	1700	2220	7.78	3.47	5.9	6.29	A++		
		16	10	-	-	3.94	2.36	-	-	2.9	6.3	6.9	670	2000	2400	9.15	3.15	6.3	6.16	A++		
18	10	-	-	4.09	2.21	-	-	2.9	6.3	7.1	670	1900	2400	8.70	3.32	6.3	6.27	A++				
22	10	-	-	4.69	2.11	-	-	3.0	6.8	7.4	690	2200	2450	10.07	3.09	6.8	6.36	A++				
24	10	-	-	5.22	1.98	-	-	3.2	7.2	7.8	700	2300	2500	10.53	3.13	7.2	6.41	A++				
13	13	-	-	3.15	3.15	-	-	2.9	6.3	7.1	670	2000	2400	9.15	3.15	6.3	6.16	A++				
16	13	-	-	3.73	3.07	-	-	3.0	6.8	7.4	690	2200	2450	10.07	3.09	6.8	6.07	A+				
18	13	-	-	3.91	2.89	-	-	3.0	6.8	7.4	690	2200	2450	10.07	3.09	6.8	6.33	A++				
22	13	-	-	4.45	2.75	-	-	3.2	7.2	7.8	700	2300	2500	10.53	3.13	7.2	6.42	A++				
24	13	-	-	4.73	2.47	-	-	3.2	7.2	8.4	700	2300	2500	10.53	3.13	7.2	6.41	A++				
16	16	-	-	3.60	3.60	-	-	3.2	7.2	7.8	700	2300	2500	10.53	3.13	7.2	6.42	A++				
18	16	-	-	3.79	3.41	-	-	3.2	7.2	7.8	700	2300	2500	10.53	3.13	7.2	6.39	A++				
22	16	-	-	4.17	3.13	-	-	3.2	7.3	8.4	700	2400	2550	10.98	3.04	7.3	6.41	A++				
24	16	-	-	4.47	2.83	-	-	3.2	7.3	8.4	700	2400	2550	10.98	3.04	7.3	6.40	A++				
18	18	-	-	3.60	3.60	-	-	3.2	7.2	8.4	700	2300	2550	10.53	3.13	7.2	6.35	A++				
22	18	-	-	4.04	3.36	-	-	3.2	7.4	8.4	700	2400	2550	10.98	3.08	7.4	6.39	A++				
24	18	-	-	4.34	3.06	-	-	3.2	7.4	8.4	700	2400	2550	10.98	3.08	7.4	6.39	A++				
05	05	05	-	1.50	1.50	1.50	-	3.8	4.5	5.5	950	1410	2150	6.45	3.19	4.5	5.18	A				
07	05	05	-	2.00	1.50	1.50	-	3.8	5.0	6.2	950	1640	2350	7.51	3.05	5.0	5.29	A				
10	05	05	-	2.75	1.53	1.53	-	3.8	5.8	7.2	950	2010	2635	9.20	2.89	5.8	5.45	A				
13	05	05	-	3.59	1.46	1.46	-	3.8	6.5	8.0	950	2320	2720	10.62	2.80	6.5	5.59	A				
16	05	05	-	4.32	1.44	1.44	-	3.8	7.2	8.2	950	2400	2720	10.98	3.00	7.2	5.77	A+				
18	05	05	-	4.81	1.44	1.44	-	3.8	7.7	8.3	950	2410	2740	11.03	3.20	7.7	5.80	A+				
22	05	05	-	5.13	1.28	1.28	-	3.8	7.7	8.5	950	2410	2790	11.03	3.20	7.7	5.84	A+				
24	05	05	-	5.41	1.14	1.14	-	3.8	7.7	8.5	950	2410	2790	11.03	3.20	7.7	5.83	A+				
07	07	05	-	2.00	2.00	1.50	-	3.8	5.5	6.8	950	1880	2530	8.60	2.93	5.5	5.39	A				
10	07	05	-	2.70	2.00	1.50	-	3.8	6.2	7.7	950	2240	2720	10.25	2.77	6.2	5.52	A				
13	07	05	-	3.55	1.92	1.44	-	3.8	6.9	8.2	950	2400	2720	10.98	2.88	6.9	5.70	A+				
16	07	05	-	4.33	1.93	1.44	-	3.8	7.7	8.3	950	2410	2740	11.03	3.20	7.7	5.84	A+				
18	07	05	-	4.53	1.81	1.36	-	3.8	7.7	8.3	950	2410	2740	11.03	3.20	7.7	5.81	A+				
22	07	05	-	4.86	1.62	1.22	-	3.8	7.7	8.5	950	2410	2790	11.03	3.20	7.7	5.84	A+				
24	07	05	-	5.22	1.4																	





RAS-4M27U2AVG-E / TR - Performances in Cooling mode

Operating Status	Combination				Unit capacity (kW)				Cooling capacity (kW)			Power input (W)			Operating current (A)		EER	Seasonal efficiencies*		
	Unit A	Unit B	Unit C	Unit D	Unit A	Unit B	Unit C	Unit D	Min.	Nom.	Max.	Min.	Nom.	Max.	Nom.	Nom.	Pdc	SEER	Class	
Cooling, 230 V	22	16	05	-	3.95	2.96	0.99	-	3.8	7.9	8.7	950	2440	2830	11.17	3.24	7.9	6.03	A+	
	24	16	05	-	4.28	2.71	0.90	-	3.8	7.9	8.7	950	2440	2830	11.17	3.24	7.9	6.02	A+	
	18	18	05	-	3.39	3.39	1.02	-	3.8	7.8	8.6	950	2430	2810	11.12	3.21	7.8	5.98	A+	
	22	18	05	-	3.79	3.16	0.95	-	3.8	7.9	8.7	950	2440	2830	11.17	3.24	7.9	6.00	A+	
	24	18	05	-	4.12	2.90	0.87	-	3.8	7.9	8.7	950	2440	2830	11.17	3.24	7.9	6.00	A+	
	07	07	07	-	2.00	2.00	2.00	-	3.8	6.0	7.5	950	2150	2720	9.84	2.79	6.0	5.55	A	
	10	07	07	-	2.70	2.00	2.00	-	3.8	6.7	8.2	950	2400	2720	10.98	2.79	6.7	5.72	A+	
	13	07	07	-	3.65	1.97	1.97	-	3.9	7.6	8.3	960	2410	2740	11.03	3.15	7.6	5.84	A+	
	16	07	07	-	4.08	1.81	1.81	-	4.0	7.7	8.5	960	2410	2790	11.03	3.20	7.7	5.84	A+	
	18	07	07	-	4.28	1.71	1.71	-	4.0	7.7	8.5	960	2410	2790	11.03	3.20	7.7	5.80	A+	
	22	07	07	-	4.68	1.56	1.56	-	4.1	7.8	8.6	970	2430	2810	11.12	3.21	7.8	6.03	A+	
	24	07	07	-	4.99	1.41	1.41	-	4.1	7.8	8.6	970	2430	2810	11.12	3.21	7.8	6.03	A+	
	10	10	07	-	2.70	2.70	2.00	-	3.8	7.4	8.2	950	2400	2720	10.98	3.08	7.4	5.83	A+	
	13	10	07	-	3.39	2.48	1.83	-	3.9	7.7	8.3	960	2410	2740	11.03	3.20	7.7	5.84	A+	
	16	10	07	-	3.77	2.26	1.67	-	4.0	7.7	8.5	960	2410	2790	11.03	3.20	7.7	5.83	A+	
	18	10	07	-	3.97	2.14	1.59	-	4.0	7.7	8.5	960	2410	2790	11.03	3.20	7.7	5.80	A+	
	22	10	07	-	4.37	1.97	1.46	-	4.1	7.8	8.6	970	2430	2810	11.12	3.21	7.8	6.03	A+	
	24	10	07	-	4.69	1.78	1.32	-	4.1	7.8	8.6	970	2430	2810	11.12	3.21	7.8	6.03	A+	
	13	13	07	-	3.03	3.03	1.64	-	4.0	7.7	8.5	960	2410	2790	11.03	3.20	7.7	5.83	A+	
	16	13	07	-	3.44	2.83	1.53	-	4.1	7.8	8.6	970	2430	2810	11.12	3.21	7.8	5.82	A+	
	18	13	07	-	3.64	2.70	1.46	-	4.1	7.8	8.6	970	2430	2810	11.12	3.21	7.8	5.80	A+	
	22	13	07	-	4.00	2.47	1.33	-	4.1	7.8	8.6	970	2430	2810	11.12	3.21	7.8	6.03	A+	
	24	13	07	-	4.38	2.28	1.23	-	4.1	7.9	8.7	970	2440	2830	11.17	3.24	7.9	6.03	A+	
	16	16	07	-	3.19	3.19	1.42	-	4.1	7.8	8.6	970	2430	2810	11.12	3.21	7.8	5.93	A+	
	18	16	07	-	3.39	3.05	1.36	-	4.1	7.8	8.6	970	2430	2810	11.12	3.21	7.8	6.01	A+	
	22	16	07	-	3.79	2.84	1.26	-	4.1	7.9	8.7	970	2440	2830	11.17	3.24	7.9	6.03	A+	
	24	16	07	-	4.12	2.61	1.16	-	4.1	7.9	8.7	970	2440	2830	11.17	3.24	7.9	6.03	A+	
	18	18	07	-	3.29	3.29	1.32	-	4.1	7.9	8.7	970	2440	2830	11.17	3.24	7.9	5.99	A+	
	22	18	07	-	3.65	3.04	1.22	-	4.1	7.9	8.7	970	2440	2830	11.17	3.24	7.9	6.01	A+	
	24	18	07	-	3.98	2.80	1.12	-	4.1	7.9	8.7	970	2440	2830	11.17	3.24	7.9	6.00	A+	
	10	10	10	-	2.53	2.53	2.53	-	3.8	7.6	8.2	950	2400	2720	10.98	3.17	7.6	5.84	A+	
	13	10	10	-	3.13	2.28	2.28	-	3.9	7.7	8.3	960	2410	2740	11.03	3.20	7.7	5.83	A+	
	16	10	10	-	3.50	2.10	2.10	-	4.0	7.7	8.5	960	2410	2790	11.03	3.20	7.7	5.83	A+	
	18	10	10	-	3.70	2.00	2.00	-	4.0	7.7	8.5	960	2410	2790	11.03	3.20	7.7	5.80	A+	
	22	10	10	-	4.16	1.87	1.87	-	4.1	7.9	8.7	970	2440	2830	11.17	3.24	7.9	6.04	A+	
	24	10	10	-	4.49	1.71	1.71	-	4.1	7.9	8.7	970	2440	2830	11.17	3.24	7.9	6.03	A+	
	13	13	10	-	2.82	2.82	2.06	-	4.0	7.7	8.5	960	2410	2790	11.03	3.20	7.7	5.83	A+	
	16	13	10	-	3.22	2.65	1.93	-	4.1	7.8	8.6	970	2430	2810	11.12	3.21	7.8	5.82	A+	
	18	13	10	-	3.42	2.53	1.85	-	4.1	7.8	8.6	970	2430	2810	11.12	3.21	7.8	5.91	A+	
	22	13	10	-	3.82	2.36	1.72	-	4.1	7.9	8.7	970	2440	2830	11.17	3.24	7.9	6.03	A+	
	24	13	10	-	4.15	2.17	1.58	-	4.1	7.9	8.7	970	2440	2830	11.17	3.24	7.9	6.03	A+	
	16	16	10	-	3.04	3.04	1.82	-	4.1	7.9	8.7	970	2440	2830	11.17	3.24	7.9	6.04	A+	
	18	16	10	-	3.20	2.88	1.73	-	4.1	7.8	8.6	970	2430	2810	11.12	3.21	7.8	6.01	A+	
	22	16	10	-	3.64	2.73	1.64	-	4.3	8.0	9.0	980	2450	2900	11.21	3.27	8.0	6.03	A+	
	24	16	10	-	3.97	2.52	1.51	-	4.3	8.0	9.0	980	2450	2900	11.21	3.27	8.0	6.03	A+	
	18	18	10	-	3.11	3.11	1.68	-	4.1	7.9	8.7	970	2440	2830	11.17	3.24	7.9	5.99	A+	
	22	18	10	-	3.50	2.92	1.58	-	4.3	8.0	9.0	980	2450	2900	11.21	3.27	8.0	6.01	A+	
	24	18	10	-	3.84	2.70	1.46	-	4.3	8.0	9.0	980	2450	2900	11.21	3.27	8.0	6.00	A+	
13	13	13	-	2.60	2.60	2.60	-	4.1	7.8	8.6	970	2430	2810	11.12	3.21	7.8	5.82	A+		
16	13	13	-	2.99	2.46	2.46	-	4.1	7.9	8.7	970	2440	2830	11.17	3.24	7.9	5.94	A+		
18	13	13	-	3.19	2.36	2.36	-	4.1	7.9	8.7	970	2440	2830	11.17	3.24	7.9	5.91	A+		
22	13	13	-	3.58	2.21	2.21	-	4.3	8.0	9.0	980	2450	2900	11.21	3.27	8.0	6.03	A+		
24	13	13	-	3.92	2.04	2.04	-	4.3	8.0	9.0	980	2450	2900	11.21	3.27	8.0	6.03	A+		
16	16	13	-	2.80	2.80	2.30	-	4.1	7.9	8.7	970	2440	2830	11.17	3.24	7.9	6.03	A+		
18	16	13	-	2.99	2.69	2.21	-	4.1	7.9	8.7	970	2440	2830	11.17	3.24	7.9	6.01	A+		
22	16	13	-	3.38	2.54	2.08	-	4.3	8.0	9.0	980	2450	2900	11.21	3.27	8.0	6.03	A+		
24	16	13	-	3.71	2.35	1.93	-	4.3	8.0	9.0	980	2450	2900	11.21	3.27	8.0	6.03	A+		
18	18	13	-	2.88	2.88	2.13	-	4.1	7.9	8.7	970	2440	2830	11.17	3.24	7.9	5.98	A+		
22	18	13	-	3.27	2.72	2.01	-	4.3	8.0	9.0	980	2450	2900	11.21	3.27	8.0	6.01	A+		
16	16	16	-	2.67	2.67	2.67	-	4.3	8.0	9.0	980	2450	2900	11.21	3.27	8.0	6.03	A+		
18	16	16	-	2.86	2.57	2.57	-	4.3	8.0	9.0	980	2450	2900	11.21	3.27	8.0	6.01	A+		
22	16	16	-	3.20	2.40	2.40	-	4.3	8.0	9.0	980	2450	2900	11.21	3.27	8.0	6.03	A+		
05	05	05	05	1.50	1.50	1.50	1.50	4.0	6.0	7.0	950	1690	2170	7.73	3.55	6.0	5.78	A+		
07	05	05	05	1.94	1.45	1.45	1.45	4.0	6.3	7.4	950	1775	2285	8.12	3.55	6.3	5.84	A+		
10	05	05	05	2.40	1.33	1.33	1.33	4.0	6.4	8.0	950	1820	2455	8.33	3.52	6.4	5.86	A+		
13	05	05	05	3.20	1.30	1.30	1.30	4.0	7.1	8.6	950	2030	2620	9.29	3.50	7.1	5.98	A+		
16	05	05	05	3.75	1.25	1.25	1.25	4.0	7.5	8.7	950	2145	2640	9.82	3.50	7.5	6.05	A+		
18	05	05	05	4.00	1.20	1.20	1.20	4.0	7.6	8.8	950	2165	2670	9.91	3.51	7.6	6.03	A+		
07	07	05	05	1.89	1.89	1.41	1.41	4.0	6.6	7.8	950	1860	2395	8.51	3.55	6.6	5.90	A+		
10	07	05	05	2.45	1.82	1.36	1.36	4.0	7.0	8.4	950	1990	2565	9.11	3.52	7.0	5.97	A+		
13	07	05	05	3.15	1.70	1.28	1.28	4.0	7.4	8.7	950	2105	2640	9.63	3.52	7.4	6.04	A+		
16	07	05	05	3.60	1.60	1.20	1.20	4.0	7.6	8.8	950	2165	2670	9.91	3.51	7.6	6.06	A+		
18	07	05	05	3.80	1.52	1.14	1.14	4.0	7.6	8.9	950	2175	2700	9.95	3.49	7.6	6.03	A+		
10	10	05	05	2.38	2.38	1.32	1.32	4.0	7.4	8.7	950	2105	2640	9.63	3.52	7.4	6.04	A+		
13	10	05	05	2.99	2.18	1.21	1.21	4.0	7.6	8.8	950	2165	2670	9.91	3.51	7.6	6.06	A+		
16	10	05	05	3.35	2.01	1.12	1.12	4.0	7.6	8.9	950	2175	2700	9.95	3.49	7.6	6.05	A+		
18	10	05	05	3.60	1.94	1.08	1.08	4.0	7.7	9.0	950	2200	2730	10.07	3.50	7.7				

**RAS-4M27U2AVG-E / TR - Performances in Cooling mode**

Operating Status	Combination				Unit capacity (kW)				Cooling capacity (kW)			Power input (W)			Operating current (A)		EER	Seasonal efficiencies*		
	Unit A	Unit B	Unit C	Unit D	Unit A	Unit B	Unit C	Unit D	Min.	Nom.	Max.	Min.	Nom.	Max.	Nom.	Max.	Nom.	Pdc	SEER	Class
13	10	10	05	05	2.69	1.96	1.96	1.09	4.0	7.7	9.0	950	2200	2730	10.07	3.50	7.7	6.07	A+	
16	10	10	05	05	3.12	1.87	1.87	1.04	4.0	7.9	9.2	950	2260	2790	10.34	3.50	7.9	6.10	A++	
18	10	10	05	05	3.32	1.79	1.79	1.00	4.0	7.9	9.2	950	2260	2790	10.34	3.50	7.9	6.07	A+	
13	13	10	05	05	2.52	2.52	1.84	1.02	4.0	7.9	9.2	950	2260	2790	10.34	3.50	7.9	6.10	A++	
16	13	10	05	05	2.87	2.36	1.72	0.96	4.0	7.9	9.3	950	2260	2820	10.34	3.50	7.9	6.10	A++	
18	13	10	05	05	3.06	2.27	1.65	0.92	4.0	7.9	9.3	950	2260	2820	10.34	3.50	7.9	6.07	A+	
16	16	10	05	05	2.69	2.69	1.62	0.90	4.0	7.9	9.3	950	2260	2820	10.34	3.50	7.9	6.10	A++	
18	16	10	05	05	2.88	2.59	1.56	0.86	4.0	7.9	9.3	950	2260	2820	10.34	3.50	7.9	6.07	A+	
18	18	10	05	05	2.78	2.78	1.50	0.83	4.0	7.9	9.3	950	2260	2820	10.34	3.50	7.9	6.05	A+	
13	13	13	05	05	2.32	2.32	2.32	0.94	4.0	7.9	9.3	950	2260	2820	10.34	3.50	7.9	6.10	A++	
16	13	13	05	05	2.65	2.18	2.18	0.88	4.0	7.9	9.3	950	2260	2820	10.34	3.50	7.9	6.10	A++	
18	13	13	05	05	2.84	2.10	2.10	0.85	4.0	7.9	9.3	950	2260	2820	10.34	3.50	7.9	6.07	A+	
16	16	13	05	05	2.50	2.50	2.06	0.83	4.0	7.9	9.3	950	2260	2820	10.34	3.50	7.9	6.10	A++	
18	16	13	05	05	2.72	2.45	2.01	0.82	4.0	8.0	9.3	950	2290	2890	10.48	3.49	8.0	6.08	A+	
07	07	07	07	07	1.78	1.78	1.78	1.78	4.0	7.1	8.6	890	2029	2620	9.29	3.50	7.1	5.98	A+	
10	07	07	07	07	2.33	1.72	1.72	1.72	4.0	7.5	8.7	890	2143	2640	9.81	3.50	7.5	6.05	A+	
13	07	07	07	07	2.90	1.57	1.57	1.57	4.1	7.6	8.9	900	2171	2700	9.94	3.50	7.6	6.05	A+	
16	07	07	07	07	3.30	1.47	1.47	1.47	4.1	7.7	9.0	930	2200	2730	10.07	3.50	7.7	6.07	A+	
18	07	07	07	07	3.55	1.42	1.42	1.42	4.1	7.8	9.1	930	2229	2760	10.20	3.50	7.8	6.06	A+	
10	10	07	07	07	2.18	2.18	1.62	1.62	4.1	7.6	8.9	900	2171	2700	9.94	3.50	7.6	6.05	A+	
13	10	07	07	07	2.74	2.00	1.48	1.48	4.1	7.7	9.0	930	2200	2730	10.07	3.50	7.7	6.07	A+	
16	10	07	07	07	3.13	1.88	1.39	1.39	4.1	7.8	9.1	930	2229	2760	10.20	3.50	7.8	6.09	A+	
18	10	07	07	07	3.38	1.82	1.35	1.35	4.1	7.9	9.2	940	2257	2790	10.33	3.50	7.9	6.08	A+	
13	13	07	07	07	2.56	2.56	1.39	1.39	4.1	7.9	9.2	940	2257	2790	10.33	3.50	7.9	6.10	A++	
16	13	07	07	07	2.91	2.40	1.30	1.30	4.2	7.9	9.3	950	2257	2820	10.33	3.50	7.9	6.09	A+	
18	13	07	07	07	3.11	2.30	1.24	1.24	4.2	7.9	9.3	950	2257	2820	10.33	3.50	7.9	6.06	A+	
16	16	07	07	07	2.73	2.73	1.22	1.22	4.2	7.9	9.3	950	2257	2820	10.33	3.50	7.9	6.09	A+	
18	16	07	07	07	2.93	2.63	1.17	1.17	4.2	7.9	9.3	950	2257	2820	10.33	3.50	7.9	6.06	A+	
18	18	07	07	07	2.82	2.82	1.13	1.13	4.2	7.9	9.3	950	2257	2820	10.33	3.50	7.9	6.04	A+	
10	10	10	07	07	2.03	2.03	2.03	1.50	4.1	7.6	8.9	900	2171	2700	9.94	3.50	7.6	6.05	A+	
13	10	10	07	07	2.60	1.90	1.90	1.41	4.1	7.8	9.1	930	2229	2760	10.20	3.50	7.8	6.09	A+	
16	10	10	07	07	2.99	1.79	1.79	1.33	4.1	7.9	9.2	940	2257	2790	10.33	3.50	7.9	6.10	A++	
18	10	10	07	07	3.19	1.72	1.72	1.27	4.2	7.9	9.3	950	2257	2820	10.33	3.50	7.9	6.06	A+	
13	13	10	07	07	2.42	2.42	1.76	1.31	4.2	7.9	9.3	950	2257	2820	10.33	3.50	7.9	6.09	A+	
16	13	10	07	07	2.76	2.27	1.65	1.22	4.2	7.9	9.3	950	2257	2820	10.33	3.50	7.9	6.09	A+	
18	13	10	07	07	2.95	2.18	1.59	1.18	4.2	7.9	9.3	950	2257	2820	10.33	3.50	7.9	6.06	A+	
16	16	10	07	07	2.59	2.59	1.56	1.15	4.2	7.9	9.3	950	2257	2820	10.33	3.50	7.9	6.09	A+	
18	16	10	07	07	2.78	2.50	1.50	1.11	4.2	7.9	9.3	950	2257	2820	10.33	3.50	7.9	6.06	A+	
18	18	10	07	07	2.72	2.72	1.47	1.09	4.2	8.0	9.3	950	2286	2820	10.46	3.50	8.0	6.05	A+	
13	13	13	07	07	2.23	2.23	2.23	1.21	4.2	7.9	9.3	950	2257	2820	10.33	3.50	7.9	6.09	A+	
16	13	13	07	07	2.56	2.10	2.10	1.14	4.2	7.9	9.3	950	2257	2820	10.33	3.50	7.9	6.09	A+	
18	13	13	07	07	2.74	2.03	2.03	1.10	4.2	7.9	9.3	950	2257	2820	10.33	3.50	7.9	6.06	A+	
16	16	13	07	07	2.45	2.45	2.01	1.09	4.2	8.0	9.3	950	2286	2820	10.46	3.50	8.0	6.11	A++	
18	16	13	07	07	2.63	2.37	1.95	1.05	4.2	8.0	9.3	950	2286	2820	10.46	3.50	8.0	6.08	A+	
10	10	10	10	10	1.98	1.98	1.98	1.98	4.1	7.9	9.2	940	2257	2790	10.33	3.50	7.9	6.10	A++	
13	10	10	10	10	2.48	1.81	1.81	1.81	4.1	7.9	9.2	940	2257	2790	10.33	3.50	7.9	6.10	A++	
16	10	10	10	10	2.82	1.69	1.69	1.69	4.2	7.9	9.3	950	2257	2820	10.33	3.50	7.9	6.09	A+	
18	10	10	10	10	3.02	1.63	1.63	1.63	4.2	7.9	9.3	950	2257	2820	10.33	3.50	7.9	6.06	A+	
13	13	10	10	10	2.28	2.28	1.67	1.67	4.2	7.9	9.3	950	2257	2820	10.33	3.50	7.9	6.09	A+	
16	13	10	10	10	2.61	2.15	1.57	1.57	4.2	7.9	9.3	950	2257	2820	10.33	3.50	7.9	6.09	A+	
18	13	10	10	10	2.80	2.07	1.51	1.51	4.2	7.9	9.3	950	2257	2820	10.33	3.50	7.9	6.06	A+	
16	16	10	10	10	2.50	2.50	1.50	1.50	4.2	8.0	9.3	950	2286	2820	10.46	3.50	8.0	6.11	A++	
18	16	10	10	10	2.68	2.42	1.45	1.45	4.2	8.0	9.3	950	2286	2820	10.46	3.50	8.0	6.08	A+	
13	13	13	10	10	2.12	2.12	2.12	1.55	4.2	7.9	9.3	950	2257	2820	10.33	3.50	7.9	6.09	A+	
16	13	13	10	10	2.47	2.03	2.03	1.48	4.2	8.0	9.3	950	2286	2820	10.46	3.50	8.0	6.11	A++	
18	13	13	10	10	2.65	1.96	1.96	1.43	4.2	8.0	9.3	950	2286	2820	10.46	3.50	8.0	6.08	A+	
13	13	13	13	13	2.00	2.00	2.00	2.00	4.2	8.0	9.3	950	2286	2820	10.46	3.50	8.0	6.11	A++	
22	05*	05*	05*	05*	4.51	1.13	1.13	1.13	4.0	7.9	9.0	950	2200	2760	10.07	3.59	7.9	6.10	A++	
24	05*	05*	05*	05*	4.84	1.02	1.02	1.02	4.0	7.9	9.0	950	2220	2770	10.16	3.56	7.9	6.09	A+	
22	07*	05*	05*	05*	4.31	1.44	1.08	1.08	4.0	7.9	9.3	950	2210	2760	10.11	3.57	7.9	6.10	A++	
24	07*	05*	05*	05*	4.64	1.31	0.98	0.98	4.0	7.9	9.3	950	2230	2760	10.21	3.54	7.9	6.09	A+	
22	10*	05*	05*	05*	4.05	1.82	1.01	1.01	4.0	7.9	9.3	950	2220	2770	10.16	3.56	7.9	6.10	A++	
24	10*	05*	05*	05*	4.38	1.67	0.93	0.93	4.0	7.9	9.3	950	2220	2770	10.16	3.56	7.9	6.09	A+	
22	13*	05*	05*	05*	3.73	2.30	0.93	0.93	4.0	7.9	9.3	950	2220	2770	10.16	3.56	7.9	6.10	A++	
24	13*	05*	05*	05*	4.06	2.12	0.86	0.86	4.0	7.9	9.3	950	2220	2770	10.16	3.56	7.9	6.09	A+	
22	07*	07*	05*	05*	4.12	1.37	1.37	1.03	4.0	7.9	9.3	950	2220	2770	10.16	3.56	7.9	6.10	A++	
24	07*	07*	05*	05*	4.45	1.25	1.25	0.94	4.0	7.9	9.3	950	2220	2770	10.16	3.56	7.9	6.09	A+	
22	10*	07*	05*	05*	3.89	1.75	1.30	0.97	4.0	7.9	9.3	950	2220	2770	10.16	3.56	7.9	6.10	A++	
24	10*	07*	05*	05*	4.22	1.60	1.19	0.89	4.0	7.9	9.3	950	2220	2770	10.16	3.56	7.9	6.09	A+	
22	13*	07*	05*	05*	3.59	2.21	1.20	0.90	4.0	7.9	9.3	950	2220	2770	10.16	3.56	7.9	6.10	A++	
24	13*	07*	05*	05*	3.92	2.04	1.10	0.83	4.0	7.9	9.3	950	2220	2770	10.16	3.56	7.9	6.09	A+	
22	10*	10*	05*	05*	3.67	1.65	1.65	0.92	4.0	7.9	9.3	950	22							



**RAS-4M27U2AVG-E / TR - Performances in Heating mode**

Operating Status	Combination				Unit capacity (kW)				Cooling capacity (kW)			Power input (W)		Operating current (A)		EER	Seasonal efficiencies*		Class
	Unit A	Unit B	Unit C	Unit D	Unit A	Unit B	Unit C	Unit D	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Pdc	SEER	
1 unit operation	05	-	-	-	2.00	-	-	-	0.8	2.0	2.7	300	600	900	3.00	-	-	-	-
	07	-	-	-	2.70	-	-	-	0.8	2.7	4.8	300	900	1980	4.50	-	-	-	-
	10	-	-	-	4.00	-	-	-	0.8	4.0	5.2	300	1450	1980	6.64	-	-	-	-
	13	-	-	-	5.00	-	-	-	0.8	5.0	6.5	310	2050	2750	9.38	-	-	-	-
	16	-	-	-	5.50	-	-	-	0.8	5.5	6.9	310	2400	3000	10.98	-	-	-	-
	18	-	-	-	6.00	-	-	-	0.8	6.0	7.1	310	2630	3200	12.04	-	-	-	-
	22	-	-	-	7.00	-	-	-	1.8	7.0	8.2	330	2620	3200	11.99	-	-	-	-
	24	-	-	-	8.10	-	-	-	1.8	8.1	8.6	330	3080	3300	14.10	-	-	-	-
2 units operations	05	05	-	-	2.00	2.00	-	-	1.5	4.0	5.0	320	1300	1500	5.95	3.08	3.5	4.04	A+
	07	05	-	-	2.70	2.00	-	-	1.5	4.7	6.0	320	1500	1700	6.86	3.13	4.0	4.13	A+
	10	05	-	-	4.00	2.00	-	-	1.5	6.0	7.4	320	1800	2600	8.24	3.33	4.5	4.21	A+
	13	05	-	-	5.00	2.00	-	-	1.5	7.0	8.9	320	2150	2700	9.84	3.26	4.5	4.21	A+
	16	05	-	-	5.50	2.00	-	-	1.5	7.5	10.1	320	2320	2800	10.62	3.23	4.7	4.30	A+
	18	05	-	-	6.00	2.00	-	-	1.5	8.0	10.1	320	2480	3100	11.35	3.23	4.7	4.30	A+
	22	05	-	-	6.46	1.84	-	-	1.5	8.3	10.2	320	2700	3230	12.36	3.07	4.7	4.20	A+
	24	05	-	-	6.66	1.64	-	-	1.5	8.3	10.2	320	2700	3230	12.36	3.07	4.7	4.20	A+
	07	07	-	-	2.70	2.70	-	-	1.5	5.4	7.4	320	1800	2500	8.24	3.00	4.5	4.21	A+
	10	07	-	-	4.00	2.70	-	-	1.5	6.7	8.9	320	2080	3200	9.52	3.22	4.5	4.21	A+
	13	07	-	-	4.81	2.59	-	-	1.5	7.4	10.1	320	2320	3210	10.62	3.19	4.7	4.30	A+
	16	07	-	-	5.10	2.50	-	-	1.5	7.6	10.1	320	2480	3230	11.35	3.06	4.7	4.30	A+
	18	07	-	-	5.45	2.45	-	-	1.5	7.9	10.1	320	2480	3230	11.35	3.19	4.7	4.30	A+
	22	07	-	-	5.70	2.20	-	-	1.5	7.9	10.1	320	2480	3230	11.35	3.19	4.7	4.20	A+
	24	07	-	-	6.23	2.08	-	-	1.5	8.3	10.2	320	2700	3240	12.36	3.07	4.7	4.20	A+
	10	10	-	-	3.60	3.60	-	-	1.5	7.2	10.0	320	2100	3200	9.61	3.43	4.7	4.30	A+
	13	10	-	-	4.22	3.38	-	-	1.5	7.6	10.1	320	2320	3210	10.62	3.28	4.7	4.30	A+
	16	10	-	-	4.57	3.33	-	-	1.5	7.9	10.1	320	2480	3230	11.35	3.19	4.7	4.30	A+
	18	10	-	-	4.74	3.16	-	-	1.5	7.9	10.1	320	2480	3230	11.35	3.19	4.7	4.30	A+
	22	10	-	-	5.28	3.02	-	-	1.5	8.3	10.2	320	2700	3240	12.36	3.07	4.7	4.20	A+
	24	10	-	-	5.76	2.84	-	-	1.5	8.6	10.2	320	2860	3250	13.09	3.01	4.7	4.20	A+
	13	13	-	-	3.95	3.95	-	-	1.5	7.9	10.1	320	2480	3230	11.35	3.19	4.7	4.30	A+
	16	13	-	-	4.35	3.95	-	-	1.5	8.3	10.2	320	2700	3240	12.36	3.07	4.7	4.30	A+
	18	13	-	-	4.53	3.77	-	-	1.5	8.3	10.2	320	2700	3240	12.36	3.07	4.7	4.30	A+
22	13	-	-	5.02	3.58	-	-	1.5	8.6	10.2	320	2860	3250	13.09	3.01	4.7	4.20	A+	
24	13	-	-	5.32	3.28	-	-	1.5	8.6	10.2	320	2860	3250	13.09	3.01	4.7	4.20	A+	
16	16	-	-	4.30	4.30	-	-	1.5	8.6	10.2	320	2860	3250	13.09	3.01	4.7	4.30	A+	
18	16	-	-	4.49	4.11	-	-	1.5	8.6	10.2	320	2860	3250	13.09	3.01	4.7	4.30	A+	
22	16	-	-	4.82	3.78	-	-	1.5	8.6	10.2	320	2860	3250	13.09	3.01	4.7	4.20	A+	
24	16	-	-	5.12	3.48	-	-	1.5	8.6	10.2	320	2860	3250	13.09	3.01	4.7	4.20	A+	
18	18	-	-	4.30	4.30	-	-	1.5	8.6	10.2	320	2860	3250	13.09	3.01	4.7	4.29	A+	
22	18	-	-	4.63	3.97	-	-	1.5	8.6	10.2	320	2860	3250	13.09	3.01	4.7	4.19	A+	
24	18	-	-	4.94	3.66	-	-	1.5	8.6	10.2	320	2860	3250	13.09	3.01	4.7	4.19	A+	
05	05	05	-	2.00	2.00	2.00	-	2.0	6.0	9.0	380	1470	2100	6.73	4.08	4.7	4.42	A+	
07	05	05	-	2.70	2.00	2.00	-	2.0	6.7	9.5	380	1650	2400	7.55	4.06	4.7	4.42	A+	
10	05	05	-	4.00	2.00	2.00	-	2.0	8.0	10.5	380	2100	2760	9.61	3.81	4.7	4.42	A+	
13	05	05	-	4.72	1.89	1.89	-	2.0	8.5	10.5	380	2250	2760	10.30	3.78	5.2	4.42	A+	
16	05	05	-	4.92	1.79	1.79	-	2.0	8.5	10.5	380	2350	2760	10.76	3.62	5.2	4.42	A+	
18	05	05	-	5.10	1.70	1.70	-	2.0	8.5	10.5	380	2350	2760	10.76	3.62	5.2	4.42	A+	
22	05	05	-	5.60	1.60	1.60	-	2.0	8.8	10.6	380	2450	2780	11.21	3.59	5.2	4.29	A+	
24	05	05	-	5.89	1.45	1.45	-	2.0	8.8	10.6	380	2450	2780	11.21	3.59	5.2	4.28	A+	
07	07	05	-	2.70	2.70	2.00	-	2.0	7.4	10.0	380	1950	2700	8.92	3.79	4.7	4.42	A+	
10	07	05	-	4.00	2.70	2.00	-	2.0	8.7	10.5	380	2300	2760	10.53	3.78	5.2	4.42	A+	
13	07	05	-	4.48	2.42	1.79	-	2.0	8.7	10.5	380	2400	2760	10.98	3.63	5.2	4.42	A+	
16	07	05	-	4.58	2.25	1.67	-	2.0	8.5	10.5	380	2350	2760	10.76	3.62	5.2	4.42	A+	
18	07	05	-	4.77	2.14	1.59	-	2.0	8.5	10.7	380	2400	2790	10.98	3.54	5.2	4.42	A+	
22	07	05	-	5.09	1.96	1.45	-	2.0	8.5	10.7	380	2450	2790	11.21	3.47	5.2	4.29	A+	
24	07	05	-	5.51	1.84	1.36	-	2.0	8.7	10.7	380	2450	2790	11.21	3.55	5.2	4.28	A+	
10	10	05	-	3.40	3.40	1.70	-	2.0	8.5	10.5	380	2350	2760	10.76	3.62	5.2	4.42	A+	
13	10	05	-	4.00	3.20	1.60	-	2.0	8.8	10.5	380	2350	2760	10.76	3.74	5.2	4.42	A+	
16	10	05	-	4.07	2.96	1.48	-	2.0	8.5	10.6	380	2350	2780	10.76	3.62	5.2	4.42	A+	
18	10	05	-	4.25	2.83	1.42	-	2.0	8.5	10.6	380	2350	2780	10.76	3.62	5.2	4.42	A+	
22	10	05	-	4.68	2.68	1.34	-	2.0	8.7	10.6	380	2350	2780	10.76	3.70	5.2	4.29	A+	
24	10	05	-	5.06	2.50	1.25	-	2.0	8.8	10.6	380	2350	2780	10.76	3.74	5.2	4.28	A+	
13	13	05	-	3.54	3.54	1.42	-	2.0	8.5	10.6	380	2350	2780	10.76	3.62	5.2	4.42	A+	
16	13	05	-	3.87	3.52	1.41	-	2.0	8.8	10.6	380	2350	2780	10.76	3.74	5.2	4.42	A+	
18	13	05	-	4.06	3.38	1.35	-	2.0	8.8	10.6	380	2350	2780	10.76	3.74	5.2	4.42	A+	
22	13	05	-	4.45	3.18	1.27	-	2.0	8.9	10.7	380	2450	2790	11.21	3.63	5.2	4.29	A+	
24	13	05	-	4.77	2.95	1.18	-	2.0	8.9	10.7	380	2450	2790	11.21	3.63	5.2	4.28	A+	
16	16	05	-	3.72	3.72	1.35	-	2.0	8.8	10.7	380	2350	2790	10.76	3.74	5.2	4.42	A+	
18	16	05	-	3.96	3.63	1.32	-	2.0	8.9	10.7	380	2350	2790	10.76	3.79	5.2	4.42	A+	
22	16	05	-	4.30	3.38	1.23	-	2.0	8.9	10.7	380	2450	2790	11.21	3.63	5.2	4.29	A+	

**RAS-4M27U2AVG-E / TR - Performances in Heating mode**

Operating Status	Combination				Unit capacity (kW)				Cooling capacity (kW)			Power input (W)			Operating current (A)		EER		Seasonal efficiencies*	
	Unit A	Unit B	Unit C	Unit D	Unit A	Unit B	Unit C	Unit D	Min.	Nom.	Max.	Min.	Nom.	Max.	Nom.	Max.	Nom.	Pdc	SEER	Class
3 units operations	10	10	10	-	2.87	2.87	2.87	-	2.0	8.6	10.4	380	2300	2750	10.53	3.74	5.2	4.42	A+	
	13	10	10	-	3.35	2.68	2.68	-	2.0	8.7	10.5	380	2350	2760	10.76	3.70	5.2	4.42	A+	
	16	10	10	-	3.54	2.58	2.58	-	2.0	8.7	10.5	380	2350	2760	10.76	3.70	5.2	4.42	A+	
	18	10	10	-	3.73	2.49	2.49	-	2.0	8.7	10.5	380	2350	2760	10.76	3.70	5.2	4.42	A+	
	22	10	10	-	4.15	2.37	2.37	-	2.0	8.9	10.7	380	2450	2790	11.21	3.63	5.2	4.29	A+	
	24	10	10	-	4.48	2.21	2.21	-	2.0	8.9	10.7	380	2450	2790	11.21	3.63	5.2	4.28	A+	
	13	13	10	-	3.11	3.11	2.49	-	2.0	8.7	10.5	380	2350	2760	10.76	3.70	5.2	4.42	A+	
	16	13	10	-	3.34	3.03	2.43	-	2.0	8.8	10.6	380	2400	2780	10.98	3.67	5.2	4.42	A+	
	18	13	10	-	3.56	2.97	2.37	-	2.0	8.9	10.7	380	2450	2790	11.21	3.63	5.2	4.42	A+	
	22	13	10	-	3.89	2.78	2.23	-	2.0	8.9	10.7	380	2450	2790	11.21	3.63	5.2	4.29	A+	
	24	13	10	-	4.22	2.60	2.08	-	2.0	8.9	10.7	380	2450	2790	11.21	3.63	5.2	4.28	A+	
	16	16	10	-	3.26	3.26	2.37	-	2.0	8.9	10.7	380	2450	2790	11.21	3.63	5.2	4.42	A+	
	18	16	10	-	3.45	3.16	2.30	-	2.0	8.9	10.7	380	2450	2790	11.21	3.63	5.2	4.42	A+	
	22	16	10	-	3.78	2.97	2.16	-	2.0	8.9	10.7	380	2450	2790	11.21	3.63	5.2	4.29	A+	
	24	16	10	-	4.10	2.78	2.02	-	2.0	8.9	10.7	380	2450	2790	11.21	3.63	5.2	4.28	A+	
	18	18	10	-	3.34	3.34	2.23	-	2.0	8.9	10.7	380	2450	2790	11.21	3.63	5.2	4.42	A+	
	22	18	10	-	3.66	3.14	2.09	-	2.0	8.9	10.7	380	2450	2790	11.21	3.63	5.2	4.28	A+	
	24	18	10	-	3.98	2.95	1.97	-	2.0	8.9	10.7	380	2450	2790	11.21	3.63	5.2	4.28	A+	
	13	13	13	-	2.93	2.93	2.93	-	2.0	8.8	10.6	380	2400	2780	10.98	3.67	5.2	4.42	A+	
	16	13	13	-	3.16	2.87	2.87	-	2.0	8.9	10.7	380	2450	2790	11.21	3.63	5.2	4.42	A+	
	18	13	13	-	3.34	2.78	2.78	-	2.0	8.9	10.7	380	2450	2790	11.21	3.63	5.2	4.42	A+	
	22	13	13	-	3.66	2.62	2.62	-	2.0	8.9	10.7	380	2450	2790	11.21	3.63	5.2	4.29	A+	
	24	13	13	-	3.98	2.46	2.46	-	2.0	8.9	10.7	380	2450	2790	11.21	3.63	5.2	4.28	A+	
	16	16	13	-	3.06	3.06	2.78	-	2.0	8.9	10.7	380	2450	2790	11.21	3.63	5.2	4.42	A+	
	18	16	13	-	3.24	2.97	2.70	-	2.0	8.9	10.7	380	2450	2790	11.21	3.63	5.2	4.42	A+	
	22	16	13	-	3.56	2.80	2.54	-	2.0	8.9	10.7	380	2450	2790	11.21	3.63	5.2	4.29	A+	
	24	16	13	-	3.88	2.63	2.39	-	2.0	8.9	10.7	380	2450	2790	11.21	3.63	5.2	4.28	A+	
	18	18	13	-	3.14	3.14	2.62	-	2.0	8.9	10.7	380	2450	2790	11.21	3.63	5.2	4.42	A+	
	22	18	13	-	3.46	2.97	2.47	-	2.0	8.9	10.7	380	2450	2790	11.21	3.63	5.2	4.28	A+	
	16	16	16	-	2.97	2.97	2.97	-	2.0	8.9	10.7	380	2450	2790	11.21	3.63	5.2	4.42	A+	
	18	16	16	-	3.14	2.88	2.88	-	2.0	8.9	10.7	380	2450	2790	11.21	3.63	5.2	4.42	A+	
	22	16	16	-	3.46	2.72	2.72	-	2.0	8.9	10.7	380	2450	2790	11.21	3.63	5.2	4.29	A+	
	05	05	05	05	1.63	1.63	1.63	1.63	2.9	6.5	10.0	501	1400	2000	6.41	4.64	5.2	4.26	A+	
	07	05	05	05	2.33	1.72	1.72	1.72	2.9	7.5	11.0	501	1630	2300	7.46	4.60	5.2	4.26	A+	
	10	05	05	05	3.36	1.68	1.68	1.68	2.9	8.4	11.6	501	1850	2580	8.47	4.54	5.2	4.26	A+	
	13	05	05	05	4.00	1.60	1.60	1.60	2.9	8.8	11.7	501	1880	2590	8.60	4.68	5.2	4.26	A+	
16	05	05	05	4.21	1.53	1.53	1.53	2.9	8.8	11.7	501	1890	2600	8.65	4.66	5.2	4.26	A+		
18	05	05	05	4.40	1.47	1.47	1.47	2.9	8.8	11.7	501	1910	2600	8.74	4.61	5.2	4.25	A+		
07	07	05	05	2.36	2.36	1.74	1.74	2.9	8.2	11.5	501	1800	2500	8.24	4.56	5.2	4.26	A+		
10	07	05	05	3.21	2.17	1.61	1.61	2.9	8.6	11.7	501	1870	2590	8.56	4.60	5.2	4.26	A+		
13	07	05	05	3.76	2.03	1.50	1.50	2.9	8.8	11.7	501	1900	2600	8.70	4.63	5.2	4.26	A+		
16	07	05	05	3.97	1.95	1.44	1.44	2.9	8.8	11.7	501	1910	2600	8.74	4.61	5.2	4.26	A+		
18	07	05	05	4.20	1.89	1.40	1.40	2.9	8.9	11.7	501	1910	2600	8.74	4.66	5.2	4.25	A+		
10	10	05	05	2.93	2.93	1.47	1.47	2.9	8.8	11.7	501	1910	2600	8.74	4.61	5.2	4.26	A+		
13	10	05	05	3.38	2.71	1.35	1.35	2.9	8.8	11.7	501	1910	2600	8.74	4.61	5.2	4.26	A+		
16	10	05	05	3.63	2.64	1.32	1.32	2.9	8.9	11.7	501	1910	2600	8.74	4.66	5.2	4.26	A+		
18	10	05	05	3.81	2.54	1.27	1.27	2.9	8.9	11.7	501	1920	2600	8.79	4.64	5.2	4.25	A+		
13	13	05	05	3.18	3.18	1.27	1.27	2.9	8.9	11.7	501	1920	2600	8.79	4.64	5.2	4.26	A+		
16	13	05	05	3.38	3.07	1.23	1.23	2.9	8.9	11.7	501	1920	2600	8.79	4.64	5.2	4.26	A+		
18	13	05	05	3.56	2.97	1.19	1.19	2.9	8.9	11.7	501	1920	2600	8.79	4.64	5.2	4.25	A+		
16	16	05	05	3.26	3.26	1.19	1.19	2.9	8.9	11.7	501	1920	2600	8.79	4.64	5.2	4.26	A+		
18	16	05	05	3.45	3.16	1.15	1.15	2.9	8.9	11.7	501	1920	2600	8.79	4.64	5.2	4.25	A+		
18	18	05	05	3.34	3.34	1.11	1.11	2.9	8.9	11.7	501	1920	2600	8.79	4.64	5.2	4.25	A+		
07	07	07	05	2.27	2.27	2.27	1.68	2.9	8.5	11.7	501	1850	2580	8.47	4.59	5.2	4.26	A+		
10	07	07	05	3.09	2.08	2.08	1.54	2.9	8.8	11.7	501	1890	2590	8.65	4.66	5.2	4.26	A+		
13	07	07	05	3.55	1.92	1.92	1.42	2.9	8.8	11.7	501	1910	2600	8.74	4.61	5.2	4.26	A+		
16	07	07	05	3.79	1.86	1.86	1.38	2.9	8.9	11.7	501	1910	2600	8.74	4.66	5.2	4.26	A+		
18	07	07	05	3.99	1.79	1.79	1.33	2.9	8.9	11.7	501	1910	2600	8.74	4.66	5.2	4.25	A+		
10	10	07	05	2.77	2.77	1.87	1.39	2.9	8.8	11.7	501	1910	2600	8.74	4.61	5.2	4.26	A+		
13	10	07	05	3.25	2.60	1.75	1.30	2.9	8.9	11.7	501	1920	2600	8.79	4.64	5.2	4.26	A+		
16	10	07	05	3.45	2.51	1.69	1.25	2.9	8.9	11.7	501	1920	2600	8.79	4.64	5.2	4.26	A+		
18	10	07	05	3.63	2.42	1.63	1.21	2.9	8.9	11.7	501	1920	2600	8.79	4.64	5.2	4.25	A+		
13	13	07	05	3.03	3.03	1.63	1.21	2.9	8.9	11.7	501	1920	2600	8.79	4.64	5.2	4.26	A+		
16	13	07	05	3.22	2.93	1.58	1.17	2.9	8.9	11.7	501	1930	2600	8.83	4.61	5.2	4.26	A+		
18	13	07	05	3.40	2.83	1.53	1.13	2.9	8.9	11.7	501	1930	2600	8.83	4.61	5.2	4.25	A+		
16	16	07	05	3.12	3.12	1.53	1.13	2.9	8.9	11.7	501	1930	2600	8.83	4.61	5.2	4.26	A+		
18	16	07	05	3.30	3.02	1.48	1.10	2.9	8.9	11.7	501	1930	2600	8.83	4.61	5.2	4.25	A+		
18	18	07	05	3.20	3.20	1.44	1.07	2.9	8.9	11.7	501	1930	2600	8.83	4.61	5.2	4.25	A+		
10	10	10	05	2.54	2.54	2.54	1.27	2.9	8.9	11.7	501	1920	2600	8.79	4.64	5.2	4.26	A+		
13	10	10	05	2.97	2.37	2.37	1.19	2.9	8.9	11.7	501	1920	2600	8.79	4.64	5.2	4.26	A+		
16	10	10	05	3.16	2.30	2.30	1.15	2.9	8.9	11.7	501	1920	2600	8.79	4.64	5.2	4.26	A+		
18	10	10	05	3.34	2.23	2.23	1.11	2.9	8.9	11.7	501	1920	2600	8.79	4.64	5.2	4.25	A+		
13	13	10	05	2.78	2.78	2.23	1.11	2.9	8.9	11.7	501	1920	2600	8.79	4.64	5.2	4.26	A+		
16	13	10	05	2.97	2.70	2.16	1.08	2.9	8.9	11.7	501	1920	2600	8.79	4.64	5.2	4.26	A+		
18	13	10	05	3.14	2.62	2.09	1.05	2.9	8.9	11.7	501	1920	2600	8.79	4.64	5.2	4.25	A+		
16	16	10	05	2.88	2.88	2.09	1.05	2.9	8.9	11.7	501	1920	2600	8.79						



**RAS-4M27U2AVG-E / TR - Performances in Heating mode**

Operating Status	Combination				Unit capacity (kW)				Cooling capacity (kW)			Power input (W)			Operating current (A)		EER	Seasonal efficiencies*		
	Unit A	Unit B	Unit C	Unit D	Unit A	Unit B	Unit C	Unit C	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.		Nom.	PdC	SEER
Heating, 230 V	16	10	10	07	3.02	2.20	2.20	1.48	2.9	8.9	11.7	501	1905	2600	8.72	4.67	5.2	4.26	A+	
	18	10	10	07	3.20	2.13	2.13	1.44	2.9	8.9	11.7	501	1905	2600	8.72	4.67	5.2	4.25	A+	
	13	13	10	07	2.66	2.66	2.13	1.44	2.9	8.9	11.7	501	1905	2600	8.72	4.67	5.2	4.26	A+	
	16	13	10	07	2.85	2.59	2.07	1.40	2.9	8.9	11.7	501	1905	2600	8.72	4.67	5.2	4.26	A+	
	18	13	10	07	3.02	2.51	2.01	1.36	2.9	8.9	11.7	501	1905	2600	8.72	4.67	5.2	4.25	A+	
	16	16	10	07	2.77	2.77	2.01	1.36	2.9	8.9	11.7	501	1905	2600	8.72	4.67	5.2	4.26	A+	
	18	16	10	07	2.93	2.69	1.96	1.32	2.9	8.9	11.7	501	1905	2600	8.72	4.67	5.2	4.25	A+	
	18	18	10	07	2.89	2.89	1.93	1.30	2.9	9.0	11.7	501	1927	2600	8.82	4.67	5.2	4.25	A+	
	13	13	13	07	2.51	2.51	2.51	1.36	2.9	8.9	11.7	501	1905	2600	8.72	4.67	5.2	4.26	A+	
	16	13	13	07	2.69	2.45	2.45	1.32	2.9	8.9	11.7	501	1905	2600	8.72	4.67	5.2	4.26	A+	
	18	13	13	07	2.86	2.38	2.38	1.29	2.9	8.9	11.7	501	1905	2600	8.72	4.67	5.2	4.25	A+	
	16	16	13	07	2.65	2.65	2.41	1.30	2.9	9.0	11.7	501	1927	2600	8.82	4.67	5.2	4.26	A+	
	18	16	13	07	2.81	2.58	2.34	1.27	2.9	9.0	11.7	501	1927	2600	8.82	4.67	5.2	4.25	A+	
	10	10	10	10	2.18	2.18	2.18	2.18	2.9	8.7	11.6	501	1869	2580	8.55	4.67	5.2	4.26	A+	
	13	10	10	10	2.62	2.09	2.09	2.09	2.9	8.9	11.7	501	1905	2600	8.72	4.67	5.2	4.26	A+	
	16	10	10	10	2.80	2.03	2.03	2.03	2.9	8.9	11.7	501	1905	2600	8.72	4.67	5.2	4.26	A+	
	18	10	10	10	2.97	1.98	1.98	1.98	2.9	8.9	11.7	501	1905	2600	8.72	4.67	5.2	4.25	A+	
	13	13	10	10	2.47	2.47	1.98	1.98	2.9	8.9	11.7	501	1905	2600	8.72	4.67	5.2	4.26	A+	
	16	13	10	10	2.65	2.41	1.92	1.92	2.9	8.9	11.7	501	1905	2600	8.72	4.67	5.2	4.26	A+	
	18	13	10	10	2.81	2.34	1.87	1.87	2.9	8.9	11.7	501	1905	2600	8.72	4.67	5.2	4.25	A+	
	16	16	10	10	2.61	2.61	1.89	1.89	2.9	9.0	11.7	501	1927	2600	8.82	4.67	5.2	4.26	A+	
	18	16	10	10	2.77	2.54	1.85	1.85	2.9	9.0	11.7	501	1927	2600	8.82	4.67	5.2	4.25	A+	
	13	13	13	10	2.34	2.34	2.34	1.87	2.9	8.9	11.7	501	1905	2600	8.72	4.67	5.2	4.26	A+	
	16	13	13	10	2.54	2.31	2.31	1.85	2.9	9.0	11.7	501	1927	2600	8.82	4.67	5.2	4.26	A+	
	18	13	13	10	2.70	2.25	2.25	1.80	2.9	9.0	11.7	501	1927	2600	8.82	4.67	5.2	4.25	A+	
	13	13	13	13	2.25	2.25	2.25	2.25	2.9	9.0	11.7	501	1927	2600	8.82	4.67	5.2	4.26	A+	
	22	05*	05*	05*	4.79	1.37	1.37	1.37	2.9	8.9	11.7	501	1910	2600	8.74	4.66	5.2	4.12	A+	
	24	05*	05*	05*	5.11	1.26	1.26	1.26	2.9	8.9	11.7	501	1920	2600	8.79	4.64	5.2	4.12	A+	
	22	07*	05*	05*	4.55	1.75	1.30	1.30	2.9	8.9	11.7	501	1920	2600	8.79	4.64	5.2	4.12	A+	
	24	07*	05*	05*	4.87	1.62	1.20	1.20	2.9	8.9	11.7	501	1920	2600	8.79	4.64	5.2	4.12	A+	
	22	10*	05*	05*	4.15	2.37	1.19	1.19	2.9	8.9	11.7	501	1920	2600	8.79	4.64	5.2	4.12	A+	
	24	10*	05*	05*	4.48	2.21	1.11	1.11	2.9	8.9	11.7	501	1920	2600	8.79	4.64	5.2	4.12	A+	
	22	13*	05*	05*	3.89	2.78	1.11	1.11	2.9	8.9	11.7	501	1920	2600	8.79	4.64	5.2	4.12	A+	
	24	13*	05*	05*	4.22	2.60	1.04	1.04	2.9	8.9	11.7	501	1920	2600	8.79	4.64	5.2	4.12	A+	
	22	07*	07*	05*	4.33	1.67	1.67	1.24	2.9	8.9	11.7	501	1920	2600	8.79	4.64	5.2	4.12	A+	
	24	07*	07*	05*	4.65	1.55	1.55	1.15	2.9	8.9	11.7	501	1920	2600	8.79	4.64	5.2	4.12	A+	
	22	10*	07*	05*	3.97	2.27	1.53	1.13	2.9	8.9	11.7	501	1920	2600	8.79	4.64	5.2	4.12	A+	
	24	10*	07*	05*	4.29	2.12	1.43	1.06	2.9	8.9	11.7	501	1920	2600	8.79	4.64	5.2	4.12	A+	
	22	13*	07*	05*	3.73	2.66	1.44	1.07	2.9	8.9	11.7	501	1920	2600	8.79	4.64	5.2	4.12	A+	
	24	13*	07*	05*	4.05	2.50	1.35	1.00	2.9	8.9	11.7	501	1920	2600	8.79	4.64	5.2	4.12	A+	
	22	10*	10*	05*	3.66	2.09	2.09	1.05	2.9	8.9	11.7	501	1920	2600	8.79	4.64	5.2	4.12	A+	
	24	10*	10*	05*	3.98	1.97	1.97	0.98	2.9	8.9	11.7	501	1920	2600	8.79	4.64	5.2	4.12	A+	
	22	13*	10*	05*	3.46	2.47	1.98	0.99	2.9	8.9	11.7	501	1920	2600	8.79	4.64	5.2	4.12	A+	
	24	13*	10*	05*	3.77	2.33	1.86	0.93	2.9	8.9	11.7	501	1920	2600	8.79	4.64	5.2	4.12	A+	
	22	07*	07*	07*	4.13	1.59	1.59	1.59	2.6	8.9	11.7	480	1905	2600	8.72	4.67	5.2	4.12	A+	
	24	07*	07*	07*	4.45	1.48	1.48	1.48	2.6	8.9	11.7	480	1905	2600	8.72	4.67	5.2	4.12	A+	
	22	10*	07*	07*	3.80	2.17	1.47	1.47	2.6	8.9	11.7	480	1905	2600	8.72	4.67	5.2	4.12	A+	
	24	10*	07*	07*	4.12	2.03	1.37	1.37	2.6	8.9	11.7	480	1905	2600	8.72	4.67	5.2	4.12	A+	
	22	13*	07*	07*	3.58	2.56	1.38	1.38	2.6	8.9	11.7	480	1905	2600	8.72	4.67	5.2	4.12	A+	
	24	13*	07*	07*	3.90	2.41	1.30	1.30	2.6	8.9	11.7	480	1905	2600	8.72	4.67	5.2	4.12	A+	
22	10*	10*	07*	3.52	2.01	2.01	1.36	2.6	8.9	11.7	480	1905	2600	8.72	4.67	5.2	4.12	A+		
24	10*	10*	07*	3.83	1.89	1.89	1.28	2.6	8.9	11.7	480	1905	2600	8.72	4.67	5.2	4.12	A+		
22	13*	10*	07*	3.37	2.41	1.93	1.30	2.6	9.0	11.7	480	1927	2600	8.82	4.67	5.2	4.12	A+		
24	13*	10*	07*	3.68	2.27	1.82	1.23	2.6	9.0	11.7	480	1927	2600	8.82	4.67	5.2	4.12	A+		
22	10*	10*	10*	3.32	1.89	1.89	1.89	2.6	9.0	11.7	480	1927	2600	8.82	4.67	5.2	4.12	A+		
24	10*	10*	10*	3.63	1.79	1.79	1.79	2.6	9.0	11.7	480	1927	2600	8.82	4.67	5.2	4.12	A+		

**RAS-5M34U2AVG-E / TR - Performances in Cooling mode**

Operating status	Combination				Unit capacity (kW)				Cooling capacity (kW)			Power input (W)			Operating current (A)		EER	Seasonal efficiencies*			
	Unit A	Unit B	Unit C	Unit D	Unit A	Unit B	Unit C	Unit D	Unit E	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.		Nom.	Nom.	PdC	SEER
1 unit operation	05	-	-	-	1.50	-	-	-	-	1.4	1.5	2.0	630	640	3.61	-	-	-	-	-	-
	07	-	-	-	2.00	-	-	-	-	1.4	2.0	2.5	640	650	3.67	-	-	-	-	-	-
	10	-	-	-	2.70	-	-	-	-	1.4	2.7	3.2	640	750	4.23	-	-	-	-	-	-
	13	-	-	-	3.70	-	-	-	-	1.4	3.7	4.4	640	1200	5.93	-	-	-	-	-	-
	16	-	-	-	4.50	-	-	-	-	1.4	4.5	5.0	640	1650	7.63	-	-	-	-	-	-
	18	-	-	-	5.00	-	-	-	-	1.4	5.0	5.2	640	1950	8.92	-	-	-	-	-	-
	22	-	-	-	6.00	-	-	-	-	2.4	6.0	6.8	660	2020	9.15	-	-	-	-	-	-
	24	-	-	-	7.10	-	-	-	-	2.4	7.1	7.2	660	2390	10.82	-	-	-	-	-	-
	05	05	-	-	1.50	1.50	-	-	-	2.5	3.0	4.0	640	1210	1480	5.54	2.48	3.0	4.82	B	B
	07	05	-	-	2.00	1.50	-	-	-	2.5	3.5	4.5	640	1310	1625	6.00	2.67	3.5	5.05	B	B
10	05	-	-	2.70	1.50	-	-	-	2.5	4.2	5.2	640	1440	1810	6.59	2.92	4.2	5.32	A	A	
13	05	-	-	3.56	1.44	-	-	-	2.5	5.0	6.0	640	1620	1980	7.41	3.09	5.0	5.38	A	A	
16	05	-	-	4.35	1.45	-	-	-	2.5	5.8	6.5	640	1810	2160	8.28	3.20	5.8	5.55	A	A	
18	05	-	-	4.54	1.36	-	-	-	2.5	5.9	6.6	640	1810	2220	8.28	3.26	5.9	5.51	A	A	
22	05	-	-	5.04	1.26	-	-	-	2.5	6.3	6.9	640	2040	2400	9.34	3.09	6.3	5.54	A	A	
24	05	-	-	5.20	1.10	-	-	-	2.5	6.3	6.9	640	2040	2400	9.34	3.09	6.3	5.31	A	A	
07	07	-	-	2.00	2.00	-	-	-	2.5	4.0	5.0	640	1400	1770	6.41	2.86	4.0	5.25	A	A	
10	07	-	-	2.70	2.00																



**RAS-5M34U2AVG-E / TR - Performances in Cooling mode**

Operating status	Combination					Unit capacity (kW)					Cooling capacity (kW)			Power input (W)			Operating current (A)		EER	Seasonal efficiencies*		
	Unit A	Unit B	Unit C	Unit D	Unit E	Unit A	Unit B	Unit C	Unit D	Unit E	Min.	Nom.	Max.	Min.	Nom.	Max.	Operating	Nom.	Nom.	Pdc	SEER	Class
2 units operations	24	16	-	-	-	4.47	2.83	-	-	-	3.2	7.3	7.5	700	2550	2750	11.67	2.86	7.3	5.58	A	
	18	18	-	-	-	3.60	3.60	-	-	-	3.2	7.2	7.5	700	2550	2750	11.67	2.82	7.2	5.52	A	
	22	18	-	-	-	4.04	3.36	-	-	-	3.2	7.4	7.5	700	2550	2750	11.67	2.90	7.4	5.58	A	
	24	18	-	-	-	4.34	3.06	-	-	-	3.2	7.4	7.5	700	2550	2750	11.67	2.90	7.4	5.58	A	
	22	22	-	-	-	4.00	4.00	-	-	-	3.2	8.0	8.3	700	2570	2770	11.64	3.11	8.0	5.97	A+	
	24	22	-	-	-	4.34	3.66	-	-	-	3.2	8.0	8.3	700	2570	2770	11.64	3.11	8.0	5.96	A+	
	24	24	-	-	-	4.05	4.05	-	-	-	3.2	8.1	8.4	700	2600	2800	11.78	3.12	8.1	5.97	A+	
	05	05	05	-	-	1.50	1.50	1.50	-	-	-	3.8	4.5	5.5	950	1840	1910	8.42	2.45	4.5	5.44	A
	07	05	05	-	-	2.00	1.50	1.50	-	-	-	3.8	5.0	6.0	950	1930	2060	8.83	2.59	5.0	5.51	A
	10	05	05	-	-	2.70	1.50	1.50	-	-	-	3.8	5.7	6.5	950	2040	2210	9.34	2.79	5.7	5.72	A+
13	05	05	-	-	3.59	1.46	1.46	-	-	-	3.8	6.5	7.2	950	2300	2410	10.53	2.83	6.5	5.80	A+	
16	05	05	-	-	4.32	1.44	1.44	-	-	-	3.8	7.2	8.2	950	2400	2660	10.98	3.00	7.2	5.92	A+	
18	05	05	-	-	4.75	1.43	1.43	-	-	-	3.8	7.6	8.3	950	2410	2690	11.03	3.15	7.6	5.97	A+	
22	05	05	-	-	5.13	1.28	1.28	-	-	-	3.8	7.7	8.5	950	2410	2720	11.03	3.20	7.7	6.00	A+	
24	05	05	-	-	5.27	1.11	1.11	-	-	-	3.8	7.5	8.5	950	2410	2720	11.03	3.11	7.5	5.95	A+	
07	07	05	-	-	2.00	2.00	1.50	-	-	-	3.8	5.5	6.3	950	2010	2170	9.20	2.74	5.5	5.66	A+	
10	07	05	-	-	2.70	2.00	1.50	-	-	-	3.8	6.2	6.9	950	2120	2330	9.70	2.92	6.2	5.77	A+	
13	07	05	-	-	3.55	1.92	1.44	-	-	-	3.8	6.9	7.8	950	2400	2230	10.98	2.88	6.9	5.88	A+	
16	07	05	-	-	4.28	1.90	1.43	-	-	-	3.8	7.6	8.3	950	2410	2690	11.03	3.15	7.6	6.00	A+	
18	07	05	-	-	4.53	1.81	1.36	-	-	-	3.8	7.7	8.5	950	2410	2720	11.03	3.20	7.7	5.99	A+	
22	07	05	-	-	4.86	1.62	1.22	-	-	-	3.8	7.7	8.5	950	2410	2720	11.03	3.20	7.7	6.00	A+	
24	07	05	-	-	5.22	1.47	1.10	-	-	-	3.8	7.8	8.6	950	2430	2760	11.12	3.21	7.8	6.02	A+	
10	10	05	-	-	2.70	2.70	1.50	-	-	-	3.8	6.9	7.8	950	2400	2230	10.98	2.88	6.9	5.88	A+	
13	10	05	-	-	3.56	2.60	1.44	-	-	-	3.8	7.6	8.3	950	2410	2690	11.03	3.15	7.6	6.00	A+	
16	10	05	-	-	3.98	2.39	1.33	-	-	-	3.8	7.7	8.5	950	2410	2720	11.03	3.20	7.7	6.02	A+	
18	10	05	-	-	4.18	2.26	1.26	-	-	-	3.8	7.7	8.5	950	2410	2720	11.03	3.20	7.7	5.99	A+	
22	10	05	-	-	4.59	2.06	1.15	-	-	-	3.8	7.8	8.6	950	2430	2760	11.12	3.21	7.8	6.02	A+	
24	10	05	-	-	4.90	1.86	1.04	-	-	-	3.8	7.8	8.6	950	2430	2760	11.12	3.21	7.8	6.02	A+	
13	13	05	-	-	3.20	3.20	1.30	-	-	-	3.8	7.7	8.5	950	2410	2720	11.03	3.20	7.7	6.02	A+	
16	13	05	-	-	3.48	2.86	1.16	-	-	-	3.8	7.5	8.5	950	2410	2720	11.03	3.11	7.5	5.98	A+	
18	13	05	-	-	3.82	2.83	1.15	-	-	-	3.8	7.8	8.6	950	2430	2760	11.12	3.21	7.8	6.00	A+	
22	13	05	-	-	4.18	2.58	1.04	-	-	-	3.8	7.8	8.6	950	2430	2760	11.12	3.21	7.8	6.02	A+	
24	13	05	-	-	4.50	2.35	0.95	-	-	-	3.8	7.8	8.6	950	2430	2760	11.12	3.21	7.8	6.02	A+	
16	16	05	-	-	3.34	3.34	1.11	-	-	-	3.8	7.8	8.6	950	2430	2760	11.12	3.21	7.8	6.02	A+	
18	16	05	-	-	3.55	3.19	1.06	-	-	-	3.8	7.8	8.6	950	2430	2760	11.12	3.21	7.8	6.00	A+	
22	16	05	-	-	3.95	2.96	0.99	-	-	-	3.8	7.9	8.7	950	2440	2780	11.17	3.24	7.9	6.04	A+	
24	16	05	-	-	4.28	2.71	0.90	-	-	-	3.8	7.9	8.7	950	2440	2780	11.17	3.24	7.9	6.04	A+	
18	18	05	-	-	3.39	3.39	1.02	-	-	-	3.8	7.8	8.6	950	2430	2760	11.12	3.21	7.8	5.97	A+	
22	18	05	-	-	3.79	3.16	0.95	-	-	-	3.8	7.9	8.7	950	2440	2780	11.17	3.24	7.9	6.02	A+	
24	18	05	-	-	4.12	2.90	0.87	-	-	-	3.8	7.9	8.7	950	2440	2780	11.17	3.24	7.9	6.01	A+	
22	22	05	-	-	3.51	3.51	0.88	-	-	-	3.8	7.9	8.7	950	2440	2780	11.17	3.24	7.9	6.04	A+	
24	22	05	-	-	3.89	3.29	0.82	-	-	-	3.8	8.0	8.8	950	2450	2810	11.21	3.27	8.0	6.12	A++	
24	24	05	-	-	3.62	3.62	0.76	-	-	-	3.8	8.0	8.9	950	2450	2830	11.21	3.27	8.0	6.12	A++	
07	07	07	-	-	2.00	2.00	2.00	-	-	-	3.8	6.0	7.5	950	2100	2500	9.61	2.86	6.0	5.72	A+	
10	07	07	-	-	2.70	2.00	2.00	-	-	-	3.8	6.7	8.2	950	2400	2660	10.98	2.79	6.7	5.83	A+	
13	07	07	-	-	3.65	1.97	1.97	-	-	-	3.9	7.6	8.3	960	2410	2690	11.03	3.15	7.6	5.84	A+	
16	07	07	-	-	4.08	1.81	1.81	-	-	-	4.0	7.7	8.5	960	2410	2720	11.03	3.20	7.7	5.83	A+	
18	07	07	-	-	4.28	1.71	1.71	-	-	-	4.0	7.7	8.5	960	2410	2720	11.03	3.20	7.7	5.81	A+	
22	07	07	-	-	4.68	1.56	1.56	-	-	-	4.1	7.8	8.6	970	2430	2760	11.12	3.21	7.8	6.04	A+	
24	07	07	-	-	4.99	1.41	1.41	-	-	-	4.1	7.8	8.6	970	2430	2760	11.12	3.21	7.8	6.03	A+	
10	10	07	-	-	2.70	2.70	2.00	-	-	-	3.8	7.4	8.2	950	2400	2660	10.98	3.08	7.4	5.62	A+	
13	10	07	-	-	3.39	2.48	1.83	-	-	-	3.9	7.7	8.3	960	2410	2690	11.03	3.20	7.7	5.83	A+	
16	10	07	-	-	3.77	2.26	1.67	-	-	-	4.0	7.7	8.5	960	2410	2720	11.03	3.20	7.7	5.83	A+	
18	10	07	-	-	3.97	2.14	1.59	-	-	-	4.0	7.7	8.5	960	2410	2720	11.03	3.20	7.7	5.81	A+	
22	10	07	-	-	4.37	1.97	1.46	-	-	-	4.1	7.8	8.6	970	2430	2760	11.12	3.21	7.8	6.04	A+	
24	10	07	-	-	4.69	1.78	1.32	-	-	-	4.1	7.8	8.6	970	2430	2760	11.12	3.21	7.8	6.03	A+	
13	13	07	-	-	3.03	3.03	1.63	-	-	-	4.0	7.7	8.5	960	2410	2720	11.03	3.20	7.7	5.83	A+	
16	13	07	-	-	3.44	2.83	1.54	-	-	-	4.1	7.8	8.6	970	2430	2760	11.12	3.21	7.8	5.83	A+	
18	13	07	-	-	3.64	2.70	1.46	-	-	-	4.1	7.8	8.6	970	2430	2760	11.12	3.21	7.8	5.80	A+	
22	13	07	-	-	4.00	2.47	1.33	-	-	-	4.1	7.8	8.6	970	2430	2760	11.12	3.21	7.8	6.04	A+	
24	13	07	-	-	4.38	2.28	1.23	-	-	-	4.1	7.9	8.7	970	2440	2780	11.17	3.24	7.9	6.04	A+	
16	16	07	-	-	3.19	3.19	1.42	-	-	-	4.1	7.8	8.6	970	2430	2760	11.12	3.21	7.8	5.94	A+	
18	16	07	-	-	3.39	3.05	1.36	-	-	-	4.1	7.8	8.6	970	2430	2760	11.12	3.21	7.8	6.01	A+	
22	16	07	-	-	3.79	2.84	1.26	-	-	-	4.1	7.9	8.7	970	2440	2780	11.17	3.24	7.9	6.04	A+	
24	16	07	-	-	4.12	2.61	1.16	-	-	-	4.1	7.9	8.7	970	2440	2780	11.17	3.24	7.9	6.04	A+	
18	18	07	-	-	3.29	3.29	1.32	-	-	-	4.1	7.9	8.7	970	2440	2780	11.17	3.24	7.9	5.99	A+	
22	18	07	-	-	3.65	3.04	1.22	-	-	-	4.1	7.9	8.7	970	2440	2780	11.17	3.24	7.9	6.02	A+	
24	18	07	-	-	3.98	2.80	1.12	-	-	-	4.1	7.9	8.7	970	2440	2780	11.17	3.24	7.9	6.01	A+	
22	22	07	-	-	3.43	3.43	1.14	-	-	-	4.1	8.0	8.8	970	2440	2810	11.17	3.28	8.0	6.13	A++	
24	22	07	-	-	3.81	3.22	1.07	-	-	-	4.1	8.1	8.9	970	2440	2830	11.17	3.32	8.1	6.05		



**RAS-5M34U2AVG-E / TR - Performances in Cooling mode**

Operating status	Combination					Unit capacity (kW)					Cooling capacity (kW)			Power input (W)			Operating current (A)	EER		Seasonal efficiencies*		
	Unit A	Unit B	Unit C	Unit D	Unit E	Unit A	Unit B	Unit C	Unit D	Unit E	Min.	Nom.	Max.	Min.	Nom.	Max.	Nom.	Nom.	Pdc	SEER	Class	
3 units operations	24	16	13	-	-	3.71	2.35	1.93	-	-	4.3	8.0	9.0	980	2450	2900	11.21	3.27	8.0	6.06	A+	
	18	18	13	-	-	2.88	2.88	2.13	-	-	4.1	7.9	8.7	970	2440	2830	11.17	3.24	7.9	5.99	A+	
	22	18	13	-	-	3.31	2.76	2.04	-	-	4.1	8.1	9.0	970	2440	2900	11.17	3.32	8.1	6.04	A+	
	24	18	13	-	-	3.64	2.56	1.90	-	-	4.1	8.1	9.0	970	2440	2900	11.17	3.32	8.1	6.04	A+	
	16	16	16	-	-	2.67	2.67	2.67	-	-	4.3	8.0	9.0	980	2450	2900	11.21	3.27	8.0	6.06	A+	
	05	05	05	05	-	1.50	1.50	1.50	1.50	-	4.0	6.0	7.0	930	1840	2270	8.42	3.26	6.0	5.71	A+	
	07	05	05	05	-	2.00	1.50	1.50	1.50	-	4.0	6.5	7.4	930	2020	2400	9.24	3.22	6.5	5.81	A+	
	10	05	05	05	-	2.70	1.50	1.50	1.50	-	4.0	7.2	8.0	930	2250	2580	10.30	3.20	7.2	5.89	A+	
	13	05	05	05	-	3.61	1.46	1.46	1.46	-	4.0	8.0	8.7	930	2500	2800	11.44	3.20	8.0	5.96	A+	
	16	05	05	05	-	4.20	1.40	1.40	1.40	-	4.0	8.4	8.8	930	2710	2820	12.40	3.10	8.4	6.00	A+	
	18	05	05	05	-	4.47	1.34	1.34	1.34	-	4.0	8.5	8.9	930	2720	2840	12.45	3.13	8.5	6.00	A+	
	22	05	05	05	-	4.97	1.24	1.24	1.24	-	4.0	8.7	9.1	930	2720	2850	12.45	3.20	8.7	6.06	A+	
	24	05	05	05	-	5.39	1.14	1.14	1.14	-	4.0	8.8	9.2	930	2730	2880	12.49	3.22	8.8	6.07	A+	
	07	07	05	05	-	2.00	2.00	1.50	1.50	-	4.0	7.0	7.9	930	2200	2540	10.07	3.18	7.0	5.85	A+	
	10	07	05	05	-	2.74	2.03	1.52	1.52	-	4.0	7.8	8.5	930	2460	2730	11.26	3.17	7.8	5.94	A+	
	13	07	05	05	-	3.53	1.91	1.43	1.43	-	4.0	8.3	8.8	930	2660	2810	12.17	3.12	8.3	5.99	A+	
	16	07	05	05	-	4.03	1.79	1.34	1.34	-	4.0	8.5	8.9	930	2720	2840	12.45	3.13	8.5	6.02	A+	
	18	07	05	05	-	4.30	1.72	1.29	1.29	-	4.0	8.6	9.0	930	2720	2850	12.45	3.16	8.6	6.02	A+	
	22	07	05	05	-	4.80	1.60	1.20	1.20	-	4.0	8.8	9.2	930	2730	2880	12.49	3.22	8.8	6.08	A+	
	24	07	05	05	-	5.22	1.47	1.10	1.10	-	4.0	8.9	9.3	930	2730	2880	12.49	3.26	8.9	6.09	A+	
10	10	05	05	-	2.67	2.67	1.48	1.48	-	4.0	8.3	8.8	930	2660	2810	12.17	3.12	8.3	5.99	A+		
13	10	05	05	-	3.35	2.44	1.36	1.36	-	4.0	8.5	8.9	930	2720	2840	12.45	3.13	8.5	6.02	A+		
16	10	05	05	-	3.84	2.30	1.28	1.28	-	4.0	8.7	9.1	930	2720	2850	12.45	3.20	8.7	6.06	A+		
18	10	05	05	-	4.11	2.22	1.23	1.23	-	4.0	8.8	9.2	930	2730	2870	12.49	3.22	8.8	6.06	A+		
22	10	05	05	-	4.56	2.05	1.14	1.14	-	4.0	8.9	9.3	930	2730	2880	12.49	3.26	8.9	6.10	A++		
24	10	05	05	-	4.99	1.90	1.05	1.05	-	4.0	9.0	9.4	930	2740	2900	12.54	3.28	9.0	6.11	A++		
13	13	05	05	-	3.10	3.10	1.25	1.25	-	4.0	8.7	9.1	930	2720	2850	12.45	3.20	8.7	6.06	A+		
16	13	05	05	-	3.54	2.91	1.18	1.18	-	4.0	8.8	9.2	930	2730	2880	12.49	3.22	8.8	6.08	A+		
18	13	05	05	-	3.80	2.81	1.14	1.14	-	4.0	8.9	9.3	930	2730	2880	12.49	3.26	8.9	6.07	A+		
22	13	05	05	-	4.25	2.62	1.06	1.06	-	4.0	9.0	9.4	930	2740	2900	12.54	3.28	9.0	6.11	A++		
24	13	05	05	-	4.63	2.41	0.98	0.98	-	4.0	9.0	9.4	930	2740	2900	12.54	3.28	9.0	6.11	A++		
16	16	05	05	-	3.34	3.34	1.11	1.11	-	4.0	8.9	9.3	930	2730	2880	12.49	3.26	8.9	6.10	A++		
18	16	05	05	-	3.60	3.24	1.08	1.08	-	4.0	9.0	9.4	930	2740	2900	12.54	3.28	9.0	6.09	A+		
22	16	05	05	-	4.00	3.00	1.00	1.00	-	4.0	9.0	9.4	930	2740	2900	12.54	3.28	9.0	6.11	A++		
24	16	05	05	-	4.38	2.77	0.92	0.92	-	4.0	9.0	9.4	930	2740	2900	12.54	3.28	9.0	6.11	A++		
18	18	05	05	-	3.46	3.46	1.04	1.04	-	4.0	9.0	9.4	930	2740	2900	12.54	3.28	9.0	6.07	A+		
22	18	05	05	-	3.86	3.21	0.96	0.96	-	4.0	9.0	9.4	930	2740	2900	12.54	3.28	9.0	6.09	A+		
24	18	05	05	-	4.23	2.98	0.89	0.89	-	4.0	9.0	9.4	930	2740	2900	12.54	3.28	9.0	6.09	A+		
22	22	05	05	-	3.60	3.60	0.90	0.90	-	4.0	9.0	9.4	930	2740	2900	12.54	3.28	9.0	6.11	A++		
07	07	07	05	-	2.00	2.00	2.00	1.50	-	4.0	7.5	8.3	930	2370	2670	10.85	3.16	7.5	5.89	A+		
10	07	07	05	-	2.67	1.98	1.98	1.48	-	4.0	8.1	8.7	930	2600	2810	11.90	3.12	8.1	5.96	A+		
13	07	07	05	-	3.42	1.85	1.85	1.39	-	4.0	8.5	8.9	930	2710	2830	12.40	3.14	8.5	6.02	A+		
16	07	07	05	-	3.87	1.72	1.72	1.29	-	4.0	8.6	9.0	930	2720	2850	12.45	3.16	8.6	6.04	A+		
18	07	07	05	-	4.14	1.66	1.66	1.24	-	4.0	8.7	9.1	930	2720	2850	12.45	3.20	8.7	6.04	A+		
22	07	07	05	-	4.64	1.55	1.55	1.16	-	4.0	8.9	9.3	930	2730	2880	12.49	3.26	8.9	6.10	A++		
24	07	07	05	-	5.07	1.43	1.43	1.07	-	4.0	9.0	9.4	930	2740	2900	12.54	3.28	9.0	6.11	A++		
10	10	07	05	-	2.58	2.58	1.91	1.43	-	4.0	8.5	8.9	930	2710	2830	12.40	3.14	8.5	6.02	A+		
13	10	07	05	-	3.21	2.35	1.74	1.30	-	4.0	8.6	9.0	930	2720	2850	12.45	3.16	8.6	6.04	A+		
16	10	07	05	-	3.70	2.22	1.64	1.23	-	4.0	8.8	9.2	930	2730	2870	12.49	3.22	8.8	6.08	A+		
18	10	07	05	-	3.93	2.12	1.57	1.18	-	4.0	8.8	9.2	930	2730	2880	12.49	3.22	8.8	6.06	A+		
22	10	07	05	-	4.43	1.99	1.48	1.11	-	4.0	9.0	9.4	930	2740	2900	12.54	3.28	9.0	6.11	A++		
24	10	07	05	-	4.80	1.83	1.35	1.02	-	4.0	9.0	9.4	930	2740	2900	12.54	3.28	9.0	6.11	A++		
13	13	07	05	-	2.99	2.99	1.61	1.21	-	4.0	8.8	9.2	930	2730	2870	12.49	3.22	8.8	6.08	A+		
16	13	07	05	-	3.42	2.81	1.52	1.14	-	4.0	8.9	9.3	930	2730	2880	12.49	3.26	8.9	6.10	A++		
18	13	07	05	-	3.69	2.73	1.48	1.11	-	4.0	9.0	9.4	930	2740	2900	12.54	3.28	9.0	6.09	A+		
22	13	07	05	-	4.09	2.52	1.36	1.02	-	4.0	9.0	9.4	930	2740	2900	12.54	3.28	9.0	6.11	A++		
24	13	07	05	-	4.47	2.33	1.26	0.94	-	4.0	9.0	9.4	930	2740	2900	12.54	3.28	9.0	6.11	A++		
16	16	07	05	-	3.24	3.24	1.44	1.08	-	4.0	9.0	9.4	930	2740	2900	12.54	3.28	9.0	6.12	A++		
18	16	07	05	-	3.46	3.12	1.38	1.04	-	4.0	9.0	9.4	930	2740	2900	12.54	3.28	9.0	6.09	A+		
22	16	07	05	-	3.86	2.89	1.29	0.96	-	4.0	9.0	9.4	930	2740	2900	12.54	3.28	9.0	6.11	A++		
18	18	07	05	-	3.33	3.33	1.33	1.00	-	4.0	9.0	9.4	930	2740	2900	12.54	3.28	9.0	6.07	A+		
22	18	07	05	-	3.72	3.10	1.24	0.93	-	4.0	9.0	9.4	930	2740	2900	12.54	3.28	9.0	6.09	A+		
10	10	10	05	-	2.42	2.42	2.42	1.34	-	4.0	8.6	9.0	930	2720	2850	12.45	3.16	8.6	6.04	A+		
13	10	10	05	-	3.07	2.24	2.24	1.25	-	4.0	8.8	9.2	930	2730	2870	12.49	3.22	8.8	6.08	A+		
16	10	10	05	-	3.51	2.11	2.11	1.17	-	4.0	8.9	9.3	930	2730	2880	12.49	3.26	8.9	6.10	A++		
18	10	10	05	-	3.78	2.04	2.04	1.13	-	4.0	9.0	9.4	930	2740	2900	12.54	3.28	9.0	6.09	A+		
22	10	10	05	-	4.19	1.88	1.88	1.05	-	4.0	9.0	9.4	930	2740	2900	12.54	3.28	9.0	6.11	A++		
24	10	10	05	-	4.56	1.74	1.74	0.96	-	4.0	9.0	9.4	930	2740	2900	12.54	3.28	9.0	6.11	A++		
13	13	10	05	-	2.84	2.84	2.07	1.15	-	4.0	8.9	9.3	930	2730	2880	12.49	3.26</					

RAS-5M34U2AVG-E / TR - Performances in Cooling mode

Operating status	Combination					Unit capacity (kW)					Cooling capacity (kW)			Power input (W)			Operating current (A)	EER	Seasonal efficiencies*		
	Unit A	Unit B	Unit C	Unit D	Unit E	Unit A	Unit B	Unit C	Unit D	Unit E	Min.	Nom.	Max.	Min.	Nom.	Max.	Nom.	Nom.	Pdc	SEER	Class
4 units operations	22	16	07	07	-	3.72	2.79	1.24	1.24	-	4.2	9.0	9.4	950	2740	2900	12.54	3.28	9.0	6.11	A++
	24	16	07	07	-	4.10	2.60	1.15	1.15	-	4.2	9.0	9.4	950	2740	2900	12.54	3.28	9.0	6.11	A++
	18	18	07	07	-	3.21	3.21	1.29	1.29	-	4.2	9.0	9.4	950	2740	2900	12.54	3.28	9.0	6.07	A+
	22	18	07	07	-	3.60	3.00	1.20	1.20	-	4.2	9.0	9.4	950	2740	2900	12.54	3.28	9.0	6.09	A+
	24	18	07	07	-	3.97	2.80	1.12	1.12	-	4.2	9.0	9.4	950	2740	2900	12.54	3.28	9.0	6.09	A+
	10	10	10	07	-	2.30	2.30	2.30	1.70	-	4.1	8.6	9.0	940	2720	2850	12.45	3.16	8.6	6.04	A+
	13	10	10	07	-	2.93	2.14	2.14	1.59	-	4.1	8.8	9.2	940	2730	2880	12.49	3.22	8.8	6.08	A+
	16	10	10	07	-	3.37	2.02	2.02	1.50	-	4.1	8.9	9.3	940	2730	2880	12.49	3.26	8.9	6.10	A++
	18	10	10	07	-	3.63	1.96	1.96	1.45	-	4.2	9.0	9.4	950	2740	2900	12.54	3.28	9.0	6.09	A+
	22	10	10	07	-	4.03	1.81	1.81	1.34	-	4.2	9.0	9.4	950	2740	2900	12.54	3.28	9.0	6.11	A++
	24	10	10	07	-	4.41	1.68	1.68	1.24	-	4.2	9.0	9.4	950	2740	2900	12.54	3.28	9.0	6.11	A++
	13	13	10	07	-	2.75	2.75	2.01	1.49	-	4.2	9.0	9.4	950	2740	2900	12.54	3.28	9.0	6.12	A++
	16	13	10	07	-	3.14	2.58	1.88	1.40	-	4.2	9.0	9.4	950	2740	2900	12.54	3.28	9.0	6.12	A++
	18	13	10	07	-	3.36	2.49	1.81	1.34	-	4.2	9.0	9.4	950	2740	2900	12.54	3.28	9.0	6.09	A+
	22	13	10	07	-	3.75	2.31	1.69	1.25	-	4.2	9.0	9.4	950	2740	2900	12.54	3.28	9.0	6.11	A++
	24	13	10	07	-	4.12	2.15	1.57	1.16	-	4.2	9.0	9.4	950	2740	2900	12.54	3.28	9.0	6.11	A++
	16	16	10	07	-	2.96	2.96	1.77	1.31	-	4.2	9.0	9.4	950	2740	2900	12.54	3.28	9.0	6.12	A++
	18	16	10	07	-	3.17	2.85	1.71	1.27	-	4.2	9.0	9.4	950	2740	2900	12.54	3.28	9.0	6.09	A+
	22	16	10	07	-	3.55	2.66	1.60	1.18	-	4.2	9.0	9.4	950	2740	2900	12.54	3.28	9.0	6.11	A++
	24	16	10	07	-	3.92	2.48	1.49	1.10	-	4.2	9.0	9.4	950	2740	2900	12.54	3.28	9.0	6.11	A++
	18	18	10	07	-	3.06	3.06	1.65	1.22	-	4.2	9.0	9.4	950	2740	2900	12.54	3.28	9.0	6.07	A+
	22	18	10	07	-	3.44	2.87	1.55	1.15	-	4.2	9.0	9.4	950	2740	2900	12.54	3.28	9.0	6.09	A+
	24	18	10	07	-	3.80	2.68	1.45	1.07	-	4.2	9.0	9.4	950	2740	2900	12.54	3.28	9.0	6.09	A+
	13	13	13	07	-	2.54	2.54	2.54	1.37	-	4.2	9.0	9.4	950	2740	2900	12.54	3.28	9.0	6.12	A++
	16	13	13	07	-	2.91	2.40	2.40	1.29	-	4.2	9.0	9.4	950	2740	2900	12.54	3.28	9.0	6.12	A++
	18	13	13	07	-	3.13	2.31	2.31	1.25	-	4.2	9.0	9.4	950	2740	2900	12.54	3.28	9.0	6.09	A+
	22	13	13	07	-	3.51	2.16	2.16	1.17	-	4.2	9.0	9.4	950	2740	2900	12.54	3.28	9.0	6.11	A++
	24	13	13	07	-	3.87	2.02	2.02	1.09	-	4.2	9.0	9.4	950	2740	2900	12.54	3.28	9.0	6.11	A++
	16	16	13	07	-	2.76	2.76	2.27	1.22	-	4.2	9.0	9.4	950	2740	2900	12.54	3.28	9.0	6.12	A++
	18	16	13	07	-	2.96	2.66	2.19	1.18	-	4.2	9.0	9.4	950	2740	2900	12.54	3.28	9.0	6.09	A+
	22	16	13	07	-	3.33	2.50	2.06	1.11	-	4.2	9.0	9.4	950	2740	2900	12.54	3.28	9.0	6.11	A++
	24	16	13	07	-	3.69	2.34	1.92	1.04	-	4.2	9.0	9.4	950	2740	2900	12.54	3.28	9.0	6.11	A++
	18	18	13	07	-	2.87	2.87	2.12	1.15	-	4.2	9.0	9.4	950	2740	2900	12.54	3.28	9.0	6.07	A+
	22	18	13	07	-	3.23	2.69	1.99	1.08	-	4.2	9.0	9.4	950	2740	2900	12.54	3.28	9.0	6.09	A+
	24	18	13	07	-	3.59	2.53	1.87	1.01	-	4.2	9.0	9.4	950	2740	2900	12.54	3.28	9.0	6.09	A+
	10	10	10	10	-	2.18	2.18	2.18	2.18	-	4.1	8.7	9.1	940	2720	2850	12.45	3.20	8.7	6.06	A+
	13	10	10	10	-	2.79	2.04	2.04	2.04	-	4.1	8.9	9.3	940	2730	2880	12.49	3.26	8.9	6.10	A++
	16	10	10	10	-	3.21	1.93	1.93	1.93	-	4.2	9.0	9.4	950	2740	2900	12.54	3.28	9.0	6.12	A++
	18	10	10	10	-	3.44	1.85	1.85	1.85	-	4.2	9.0	9.4	950	2740	2900	12.54	3.28	9.0	6.09	A+
	22	10	10	10	-	3.83	1.72	1.72	1.72	-	4.2	9.0	9.4	950	2740	2900	12.54	3.28	9.0	6.11	A++
	24	10	10	10	-	4.20	1.60	1.60	1.60	-	4.2	9.0	9.4	950	2740	2900	12.54	3.28	9.0	6.11	A++
	13	13	10	10	-	2.60	2.60	1.90	1.90	-	4.2	9.0	9.4	950	2740	2900	12.54	3.28	9.0	6.12	A++
	16	13	10	10	-	2.98	2.45	1.79	1.79	-	4.2	9.0	9.4	950	2740	2900	12.54	3.28	9.0	6.12	A++
	18	13	10	10	-	3.19	2.36	1.72	1.72	-	4.2	9.0	9.4	950	2740	2900	12.54	3.28	9.0	6.09	A+
	22	13	10	10	-	3.58	2.21	1.61	1.61	-	4.2	9.0	9.4	950	2740	2900	12.54	3.28	9.0	6.11	A++
	24	13	10	10	-	3.94	2.06	1.50	1.50	-	4.2	9.0	9.4	950	2740	2900	12.54	3.28	9.0	6.11	A++
	16	16	10	10	-	2.81	2.81	1.69	1.69	-	4.2	9.0	9.4	950	2740	2900	12.54	3.28	9.0	6.12	A++
	18	16	10	10	-	3.02	2.72	1.63	1.63	-	4.2	9.0	9.4	950	2740	2900	12.54	3.28	9.0	6.09	A+
22	16	10	10	-	3.40	2.55	1.53	1.53	-	4.2	9.0	9.4	950	2740	2900	12.54	3.28	9.0	6.11	A++	
24	16	10	10	-	3.76	2.38	1.43	1.43	-	4.2	9.0	9.4	950	2740	2900	12.54	3.28	9.0	6.11	A++	
18	18	10	10	-	2.92	2.92	1.58	1.58	-	4.2	9.0	9.4	950	2740	2900	12.54	3.28	9.0	6.07	A+	
22	18	10	10	-	3.29	2.74	1.48	1.48	-	4.2	9.0	9.4	950	2740	2900	12.54	3.28	9.0	6.09	A+	
24	18	10	10	-	3.65	2.57	1.39	1.39	-	4.2	9.0	9.4	950	2740	2900	12.54	3.28	9.0	6.09	A+	
13	13	13	10	-	2.41	2.41	2.41	1.76	-	4.2	9.0	9.4	950	2740	2900	12.54	3.28	9.0	6.12	A++	
16	13	13	10	-	2.77	2.28	2.28	1.66	-	4.2	9.0	9.4	950	2740	2900	12.54	3.28	9.0	6.12	A++	
18	13	13	10	-	2.98	2.21	2.21	1.61	-	4.2	9.0	9.4	950	2740	2900	12.54	3.28	9.0	6.09	A+	
22	13	13	10	-	3.35	2.07	2.07	1.51	-	4.2	9.0	9.4	950	2740	2900	12.54	3.28	9.0	6.11	A++	
24	13	13	10	-	3.72	1.94	1.94	1.41	-	4.2	9.0	9.4	950	2740	2900	12.54	3.28	9.0	6.11	A++	
16	16	13	10	-	2.63	2.63	2.16	1.58	-	4.2	9.0	9.4	950	2740	2900	12.54	3.28	9.0	6.12	A++	
18	16	13	10	-	2.83	2.55	2.09	1.53	-	4.2	9.0	9.4	950	2740	2900	12.54	3.28	9.0	6.09	A+	
22	16	13	10	-	3.20	2.40	1.97	1.44	-	4.2	9.0	9.4	950	2740	2900	12.54	3.28	9.0	6.11	A++	
24	16	13	10	-	3.55	2.25	1.85	1.35	-	4.2	9.0	9.4	950	2740	2900	12.54	3.28	9.0	6.11	A++	
18	18	13	10	-	2.74	2.74	2.03	1.48	-	4.2	9.0	9.4	950	2740	2900	12.54	3.28	9.0	6.07	A+	
22	18	13	10	-	3.10	2.59	1.91	1.40	-	4.2	9.0	9.4	950	2740	2900	12.54	3.28	9.0	6.09	A+	
24	18	13	10	-	3.45	2.43	1.80	1.31	-	4.2	9.0	9.4	950	2740	2900	12.54	3.28	9.0	6.09	A+	
13	13	13	13	-	2.25	2.25	2.25	2.25	-	4.2	9.0	9.4	950	2740	2900	12.54	3.28	9.0	6.12	A++	
16	13	13	13	-	2.60	2.13	2.13	2.13	-	4.2	9.0	9.4	950	2740	2900	12.54	3.28	9.0	6.12	A++	
18	13	13	13	-	2.80	2.07	2.07	2.07	-	4.2	9.0	9.4	950	2740	2900	12.54	3.28	9.0	6.09	A+	
22	13	13	13	-	3.16	1.95	1.95	1.95	-	4.2	9.0	9.4	950	2740	2900	12.54	3.28	9.0	6.11	A++	
24	13	13	13	-	3.51	1.83	1.83	1.83	-	4.2	9.0	9.4	950	2740	2900	12.54	3.28	9.0	6.11	A++	
16	16	13																			



**RAS-5M34U2AVG-E / TR - Performances in Cooling mode**

Operating status	Combination					Unit capacity (kW)					Cooling capacity (kW)			Power input (W)			Operating current (A)	EER		Seasonal efficiencies*	
	Unit A	Unit B	Unit C	Unit D	Unit E	Unit A	Unit B	Unit C	Unit D	Unit E	Min.	Nom.	Max.	Min.	Nom.	Max.	Nom.	Nom.	Pdc	SEER	Class
Cooling, 230 V	10	07	07	05	05	2.70	2.00	2.00	1.50	1.50	3.7	9.7	10.7	950	2850	3380	13.04	3.40	9.7	6.35	A++
	13	07	07	05	05	3.42	1.85	1.85	1.39	1.39	3.7	9.9	11.0	950	2946	3670	13.48	3.36	9.9	6.29	A++
	16	07	07	05	05	3.87	1.72	1.72	1.29	1.29	3.7	9.9	11.0	950	2946	3670	13.48	3.36	9.9	6.29	A++
	18	07	07	05	05	4.13	1.65	1.65	1.24	1.24	3.7	9.9	11.0	950	2946	3670	13.48	3.36	9.9	6.27	A++
	10	10	07	05	05	2.57	2.57	1.90	1.43	1.43	3.7	9.9	11.0	950	2946	2800	13.48	3.36	9.9	6.29	A++
	13	10	07	05	05	3.21	2.34	1.74	1.30	1.30	3.7	9.9	11.0	950	2946	3670	13.48	3.36	9.9	6.29	A++
	16	10	07	05	05	3.65	2.19	1.62	1.22	1.22	3.7	9.9	11.0	950	2946	3670	13.48	3.36	9.9	6.29	A++
	18	10	07	05	05	3.90	2.10	1.56	1.17	1.17	3.7	9.9	11.0	950	2946	3670	13.48	3.36	9.9	6.27	A++
	13	13	07	05	05	2.95	2.95	1.60	1.20	1.20	3.7	9.9	11.0	950	2946	3670	13.48	3.36	9.9	6.29	A++
	16	13	07	05	05	3.38	2.78	1.50	1.13	1.13	3.7	9.9	11.0	950	2946	3670	13.48	3.36	9.9	6.29	A++
	18	13	07	05	05	3.61	2.67	1.45	1.08	1.08	3.7	9.9	11.0	950	2946	3670	13.48	3.36	9.9	6.27	A++
	16	16	07	05	05	3.18	3.18	1.41	1.06	1.06	3.7	9.9	11.0	950	2946	3670	13.48	3.36	9.9	6.29	A++
	18	16	07	05	05	3.41	3.07	1.37	1.02	1.02	3.7	9.9	11.0	950	2946	3670	13.48	3.36	9.9	6.27	A++
	10	10	10	05	05	2.41	2.41	2.41	1.34	1.34	3.7	9.9	11.0	950	2946	3670	13.48	3.36	9.9	6.29	A++
	13	10	10	05	05	3.03	2.21	2.21	1.23	1.23	3.7	9.9	11.0	950	2946	3670	13.48	3.36	9.9	6.29	A++
	16	10	10	05	05	3.45	2.07	2.07	1.15	1.15	3.7	9.9	11.0	950	2946	3670	13.48	3.36	9.9	6.29	A++
	18	10	10	05	05	3.69	1.99	1.99	1.11	1.11	3.7	9.9	11.0	950	2946	3670	13.48	3.36	9.9	6.27	A++
	13	13	10	05	05	2.80	2.80	2.04	1.13	1.13	3.7	9.9	11.0	950	2946	3670	13.48	3.36	9.9	6.29	A++
	07	07	07	07	05	2.00	2.00	2.00	2.00	1.50	3.7	9.5	10.5	950	2800	3300	12.81	3.39	9.5	6.32	A++
	10	07	07	07	05	2.62	1.94	1.94	1.46	1.46	3.7	9.9	11.0	950	2946	3670	13.48	3.36	9.9	6.29	A++
	13	07	07	07	05	3.27	1.77	1.77	1.33	1.33	3.7	9.9	11.0	950	2946	3670	13.48	3.36	9.9	6.29	A++
	16	07	07	07	05	3.71	1.65	1.65	1.24	1.24	3.7	9.9	11.0	950	2946	3670	13.48	3.36	9.9	6.29	A++
	18	07	07	07	05	3.96	1.58	1.58	1.19	1.19	3.7	9.9	11.0	950	2946	3670	13.48	3.36	9.9	6.27	A++
	10	10	07	07	05	2.45	2.45	1.82	1.36	1.36	3.7	9.9	11.0	950	2946	3670	13.48	3.36	9.9	6.29	A++
13	10	07	07	05	3.08	2.25	1.66	1.25	1.25	3.7	9.9	11.0	950	2946	3670	13.48	3.36	9.9	6.29	A++	
16	10	07	07	05	3.51	2.10	1.56	1.17	1.17	3.7	9.9	11.0	950	2946	3670	13.48	3.36	9.9	6.29	A++	
18	10	07	07	05	3.75	2.03	1.50	1.13	1.13	3.7	9.9	11.0	950	2946	3670	13.48	3.36	9.9	6.27	A++	
13	13	07	07	05	2.84	2.84	1.53	1.15	1.15	3.7	9.9	11.0	950	2946	3670	13.48	3.36	9.9	6.29	A++	
16	13	07	07	05	3.25	2.67	1.45	1.08	1.08	3.7	9.9	11.0	950	2946	3670	13.48	3.36	9.9	6.29	A++	
10	10	10	07	05	2.30	2.30	1.71	1.28	1.28	3.7	9.9	11.0	950	2946	3670	13.48	3.36	9.9	6.29	A++	
13	10	10	07	05	2.91	2.12	2.12	1.57	1.18	3.7	9.9	11.0	950	2946	3670	13.48	3.36	9.9	6.29	A++	
16	10	10	07	05	3.32	1.99	1.99	1.48	1.11	3.7	9.9	11.0	950	2946	3670	13.48	3.36	9.9	6.29	A++	
10	10	10	10	05	2.17	2.17	2.17	1.21	1.21	3.7	9.9	11.0	950	2946	3670	13.48	3.36	9.9	6.29	A++	
07	07	07	07	07	1.96	1.96	1.96	1.96	1.96	3.7	9.8	10.8	950	2917	3630	13.35	3.36	9.8	6.28	A++	
10	07	07	07	07	2.50	1.85	1.85	1.85	1.85	3.7	9.9	10.9	950	2946	3670	13.48	3.36	9.9	6.29	A++	
13	07	07	07	07	3.13	1.69	1.69	1.69	1.69	3.7	9.9	10.9	950	2946	3670	13.48	3.36	9.9	6.29	A++	
16	07	07	07	07	3.56	1.58	1.58	1.58	1.58	3.7	9.9	10.9	950	2946	3670	13.48	3.36	9.9	6.29	A++	
18	07	07	07	07	3.81	1.52	1.52	1.52	1.52	3.7	9.9	10.9	950	2946	3670	13.48	3.36	9.9	6.27	A++	
10	10	07	07	07	2.34	2.34	1.74	1.74	1.74	3.7	9.9	10.9	950	2946	3670	13.48	3.36	9.9	6.29	A++	
13	10	07	07	07	2.95	2.16	1.60	1.60	1.60	3.7	9.9	10.9	950	2946	3670	13.48	3.36	9.9	6.29	A++	
16	10	07	07	07	3.38	2.03	1.50	1.50	1.50	3.7	9.9	10.9	950	2946	3670	13.48	3.36	9.9	6.29	A++	
18	10	07	07	07	3.61	1.95	1.45	1.45	1.45	3.7	9.9	10.9	950	2946	3670	13.48	3.36	9.9	6.27	A++	
13	13	07	07	07	2.73	2.73	1.48	1.48	1.48	3.7	9.9	10.9	950	2946	3670	13.48	3.36	9.9	6.29	A++	
16	13	07	07	07	3.14	2.58	1.39	1.39	1.39	3.7	9.9	10.9	950	2946	3670	13.48	3.36	9.9	6.29	A++	
18	13	07	07	07	3.37	2.49	1.35	1.35	1.35	3.7	9.9	10.9	950	2946	3670	13.48	3.36	9.9	6.27	A++	
16	16	07	07	07	2.97	2.97	1.32	1.32	1.32	3.7	9.9	10.9	950	2946	3670	13.48	3.36	9.9	6.29	A++	
18	16	07	07	07	3.19	2.87	1.28	1.28	1.28	3.7	9.9	10.9	950	2946	3670	13.48	3.36	9.9	6.27	A++	
10	10	10	07	07	2.21	2.21	2.21	1.64	1.64	3.7	9.9	10.9	950	2946	3670	13.48	3.36	9.9	6.29	A++	
13	10	10	07	07	2.80	2.04	2.04	1.51	1.51	3.7	9.9	10.9	950	2946	3670	13.48	3.36	9.9	6.29	A++	
16	10	10	07	07	3.21	1.92	1.92	1.42	1.42	3.7	9.9	10.9	950	2946	3670	13.48	3.36	9.9	6.29	A++	
18	10	10	07	07	3.44	1.86	1.86	1.38	1.38	3.7	9.9	10.9	950	2946	3670	13.48	3.36	9.9	6.27	A++	
13	13	10	07	07	2.60	2.60	1.90	1.40	1.40	3.7	9.9	10.9	950	2946	3670	13.48	3.36	9.9	6.29	A++	
16	13	10	07	07	2.99	2.46	1.79	1.33	1.33	3.7	9.9	10.9	950	2946	3670	13.48	3.36	9.9	6.29	A++	
18	13	10	07	07	3.21	2.38	1.74	1.29	1.29	3.7	9.9	10.9	950	2946	3670	13.48	3.36	9.9	6.27	A++	
16	16	10	07	07	2.84	2.84	1.70	1.26	1.26	3.7	9.9	10.9	950	2946	3670	13.48	3.36	9.9	6.29	A++	
18	16	10	07	07	3.06	2.75	1.65	1.22	1.22	3.7	9.9	10.9	950	2946	3670	13.48	3.36	9.9	6.27	A++	
13	13	13	07	07	2.43	2.43	2.43	1.31	1.31	3.7	9.9	10.9	950	2946	3670	13.48	3.36	9.9	6.29	A++	
16	13	13	07	07	2.80	2.30	2.30	1.25	1.25	3.7	9.9	10.9	950	2946	3670	13.48	3.36	9.9	6.29	A++	
18	13	13	07	07	3.02	2.23	2.23	1.21	1.21	3.7	9.9	10.9	950	2946	3670	13.48	3.36	9.9	6.27	A++	
16	16	13	07	07	2.67	2.67	2.19	1.19	1.19	3.7	9.9	10.9	950	2946	3670	13.48	3.36	9.9	6.29	A++	
18	16	13	07	07	2.88	2.59	2.13	1.15	1.15	3.7	9.9	10.9	950	2946	3670	13.48	3.36	9.9	6.27	A++	
10	10	10	10	07	2.09	2.09	2.09	2.09	1.55	3.7	9.9	10.9	950	2946	3670	13.48	3.36	9.9	6.29	A++	
13	10	10	10	07	2.65	1.94	1.94	1.43	1.43	3.7	9.9	10.9	950	2946	3670	13.48	3.36	9.9	6.29	A++	
16	10	10	10	07	3.05	1.83	1.83	1.36	1.36	3.7	9.9	10.9	950	2946	3670	13.48	3.36	9.9	6.29	A++	
18	10	10	10	07	3.28	1.77	1.77	1.31	1.31	3.7	9.9	10.9	950	2946	3670	13.48	3.36	9.9	6.27	A++	
13	13	10	10	07	2.48	2.48	1.81	1.81	1.34	3.7	9.9	10.9	950	2946	3670	13.48	3.36	9.9	6.29	A++	
16	13	10	10	07	2.86	2.35	1.71	1.71	1.27	3.7	9.9	10.9	950	2946	3670	13.48					

**RAS-5M34U2AVG-E / TR - Performances in Cooling mode**

Operating status	Combination					Unit capacity (kW)					Cooling capacity (kW)			Power input (W)			Operating current (A)		EER	Seasonal efficiencies*		
	Unit A	Unit B	Unit C	Unit D	Unit E	Unit A	Unit B	Unit C	Unit D	Unit E	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Nom.	Pdc	SEER	Class
Cooling, 230 V 5 units operations	22	*10	*05	*05	*05	4.50	2.03	1.13	1.13	1.13	3.7	9.9	11.0	950	2946	3670	13.48	3.36	9.9	6.29	A++	
	24	*10	*05	*05	*05	4.92	1.87	1.04	1.04	1.04	3.7	9.9	11.0	950	2946	3670	13.48	3.36	9.9	6.29	A++	
	22	*13	*05	*05	*05	4.18	2.58	1.05	1.05	1.05	3.7	9.9	11.0	950	2946	3670	13.48	3.36	9.9	6.29	A++	
	24	*13	*05	*05	*05	4.59	2.39	0.97	0.97	0.97	3.7	9.9	11.0	950	2946	3670	13.48	3.36	9.9	6.29	A++	
	22	*07	*07	*05	*05	4.57	1.52	1.52	1.14	1.14	3.7	9.9	11.0	950	2946	3670	13.48	3.36	9.9	6.29	A++	
	24	*07	*07	*05	*05	4.99	1.40	1.40	1.05	1.05	3.7	9.9	11.0	950	2946	3670	13.48	3.36	9.9	6.29	A++	
	22	*10	*07	*05	*05	4.34	1.95	1.45	1.08	1.08	3.7	9.9	11.0	950	2946	3670	13.48	3.36	9.9	6.29	A++	
	24	*10	*07	*05	*05	4.75	1.81	1.34	1.00	1.00	3.7	9.9	11.0	950	2946	3670	13.48	3.36	9.9	6.29	A++	
	22	*13	*07	*05	*05	4.04	2.49	1.35	1.01	1.01	3.7	9.9	11.0	950	2946	3670	13.48	3.36	9.9	6.29	A++	
	24	*13	*07	*05	*05	4.45	2.32	1.25	0.94	0.94	3.7	9.9	11.0	950	2946	3670	13.48	3.36	9.9	6.29	A++	
	22	*10	*10	*05	*05	4.13	1.86	1.86	1.03	1.03	3.7	9.9	11.0	950	2946	3670	13.48	3.36	9.9	6.29	A++	
	24	*10	*10	*05	*05	4.53	1.72	1.72	0.96	0.96	3.7	9.9	11.0	950	2946	3670	13.48	3.36	9.9	6.29	A++	
	22	*13	*10	*05	*05	3.86	2.38	1.74	0.96	0.96	3.7	9.9	11.0	950	2946	3670	13.48	3.36	9.9	6.29	A++	
	24	*13	*10	*05	*05	4.26	2.22	1.62	0.90	0.90	3.7	9.9	11.0	950	2946	3670	13.48	3.36	9.9	6.29	A++	
	22	*13	*13	*05	*05	3.62	2.23	2.23	0.91	0.91	3.7	9.9	11.0	950	2946	3670	13.48	3.36	9.9	6.29	A++	
	24	*13	*13	*05	*05	4.02	2.09	2.09	0.85	0.85	3.7	9.9	11.0	950	2946	3670	13.48	3.36	9.9	6.29	A++	
	22	*07	*07	*07	*05	4.40	1.47	1.47	1.47	1.10	3.7	9.9	11.0	950	2946	3670	13.48	3.36	9.9	6.29	A++	
	24	*07	*07	*07	*05	4.81	1.36	1.36	1.36	1.02	3.7	9.9	11.0	950	2946	3670	13.48	3.36	9.9	6.29	A++	
	22	*10	*07	*07	*05	4.18	1.88	1.39	1.39	1.05	3.7	9.9	11.0	950	2946	3670	13.48	3.36	9.9	6.29	A++	
	24	*10	*07	*07	*05	4.59	1.75	1.29	1.29	0.97	3.7	9.9	11.0	950	2946	3670	13.48	3.36	9.9	6.29	A++	
	22	*13	*07	*07	*05	3.91	2.41	1.30	1.30	0.98	3.7	9.9	11.0	950	2946	3670	13.48	3.36	9.9	6.29	A++	
	24	*13	*07	*07	*05	4.31	2.25	1.21	1.21	0.91	3.7	9.9	11.0	950	2946	3670	13.48	3.36	9.9	6.29	A++	
	22	*10	*10	*07	*05	3.99	1.79	1.79	1.33	1.00	3.7	9.9	11.0	950	2946	3670	13.48	3.36	9.9	6.29	A++	
	24	*10	*10	*07	*05	4.39	1.67	1.67	1.24	0.93	3.7	9.9	11.0	950	2946	3670	13.48	3.36	9.9	6.29	A++	
	22	*13	*10	*07	*05	3.74	2.30	1.68	1.25	0.93	3.7	9.9	11.0	950	2946	3670	13.48	3.36	9.9	6.29	A++	
	24	*13	*10	*07	*05	4.13	2.15	1.57	1.16	0.87	3.7	9.9	11.0	950	2946	3670	13.48	3.36	9.9	6.29	A++	
	22	*13	*13	*07	*05	3.51	2.17	2.17	1.17	0.88	3.7	9.9	11.0	950	2946	3670	13.48	3.36	9.9	6.29	A++	
	24	*13	*13	*07	*05	3.91	2.04	2.04	1.10	0.83	3.7	9.9	11.0	950	2946	3670	13.48	3.36	9.9	6.29	A++	
	22	*10	*10	*10	*05	3.81	1.71	1.71	1.71	0.95	3.7	9.9	11.0	950	2946	3670	13.48	3.36	9.9	6.29	A++	
	24	*10	*10	*10	*05	4.21	1.60	1.60	1.60	0.89	3.7	9.9	11.0	950	2946	3670	13.48	3.36	9.9	6.29	A++	
	22	*13	*10	*10	*05	3.58	2.21	1.61	1.61	0.89	3.7	9.9	11.0	950	2946	3670	13.48	3.36	9.9	6.29	A++	
	24	*13	*10	*10	*05	3.97	2.07	1.51	1.51	0.84	3.7	9.9	11.0	950	2946	3670	13.48	3.36	9.9	6.29	A++	
	22	*13	*13	*10	*05	3.38	2.08	2.08	1.52	0.84	3.7	9.9	11.0	950	2946	3670	13.48	3.36	9.9	6.29	A++	
	24	*13	*13	*10	*05	3.76	1.96	1.96	1.43	0.79	3.7	9.9	11.0	950	2946	3670	13.48	3.36	9.9	6.29	A++	
	22	*13	*13	*13	*05	3.19	1.97	1.97	1.97	0.80	3.7	9.9	11.0	950	2946	3670	13.48	3.36	9.9	6.29	A++	
	22	*07	*07	*07	*07	4.24	1.41	1.41	1.41	1.41	3.7	9.9	11.0	950	2946	3700	13.48	3.36	9.9	6.29	A++	
	24	*07	*07	*07	*07	4.65	1.31	1.31	1.31	1.31	3.7	9.9	11.0	950	2946	3700	13.48	3.36	9.9	6.29	A++	
	22	*10	*07	*07	*07	4.04	1.82	1.35	1.35	1.35	3.7	9.9	11.0	950	2946	3700	13.48	3.36	9.9	6.29	A++	
	24	*10	*07	*07	*07	4.45	1.69	1.25	1.25	1.25	3.7	9.9	11.0	950	2946	3700	13.48	3.36	9.9	6.29	A++	
	22	*13	*07	*07	*07	3.78	2.33	1.26	1.26	1.26	3.7	9.9	11.0	950	2946	3700	13.48	3.36	9.9	6.29	A++	
	24	*13	*07	*07	*07	4.18	2.18	1.18	1.18	1.18	3.7	9.9	11.0	950	2946	3700	13.48	3.36	9.9	6.29	A++	
	22	*10	*10	*07	*07	3.86	1.74	1.74	1.29	1.29	3.7	9.9	11.0	950	2946	3700	13.48	3.36	9.9	6.29	A++	
	24	*10	*10	*07	*07	4.26	1.62	1.62	1.20	1.20	3.7	9.9	11.0	950	2946	3700	13.48	3.36	9.9	6.29	A++	
	22	*13	*10	*07	*07	3.62	2.23	1.63	1.21	1.21	3.7	9.9	11.0	950	2946	3700	13.48	3.36	9.9	6.29	A++	
	24	*13	*10	*07	*07	4.02	2.09	1.53	1.13	1.13	3.7	9.9	11.0	950	2946	3700	13.48	3.36	9.9	6.29	A++	
	22	*13	*13	*07	*07	3.41	2.11	2.11	1.14	1.14	3.7	9.9	11.0	950	2946	3700	13.48	3.36	9.9	6.29	A++	
	24	*13	*13	*07	*07	3.80	1.98	1.98	1.07	1.07	3.7	9.9	11.0	950	2946	3700	13.48	3.36	9.9	6.29	A++	
	22	*10	*10	*10	*07	3.69	1.66	1.66	1.66	1.23	3.7	9.9	11.0	950	2946	3700	13.48	3.36	9.9	6.29	A++	
	24	*10	*10	*10	*07	4.09	1.55	1.55	1.55	1.15	3.7	9.9	11.0	950	2946	3700	13.48	3.36	9.9	6.29	A++	
	22	*13	*10	*10	*07	3.47	2.14	1.56	1.56	1.16	3.7	9.9	11.0	950	2946	3700	13.48	3.36	9.9	6.29	A++	
	24	*13	*10	*10	*07	3.86	2.01	1.47	1.47	1.09	3.7	9.9	11.0	950	2946	3700	13.48	3.36	9.9	6.29	A++	
	22	*13	*13	*10	*07	3.31	2.04	2.04	1.49	1.10	3.7	10.0	11.0	950	2980	3700	13.64	3.36	10.0	6.30	A++	
	24	*13	*13	*10	*07	3.70	1.93	1.93	1.41	1.04	3.7	10.0	11.0	950	2980	3700	13.64	3.36	10.0	6.30	A++	
	22	*13	*13	*13	*07	3.14	1.94	1.94	1.94	1.05	3.7	10.0	11.0	950	2980	3700	13.64	3.36	10.0	6.30	A++	
	22	*10	*10	*10	*10	3.54	1.59	1.59	1.59	1.59	3.7	9.9	11.0	950	2946	3700	13.48	3.36	9.9	6.29	A++	
	24	*10	*10	*10	*10	3.93	1.49	1.49	1.49	1.49	3.7	9.9	11.0	950	2946	3700	13.48	3.36	9.9	6.29	A++	
	22	*13	*10	*10	*10	3.37	2.08	1.52	1.52	1.52	3.7	10.0	11.0	950	2980	3700	13.64	3.36	10.0	6.30	A++	
	24	*13	*10	*10	*10	3.76	1.96	1.43	1.43	1.43	3.7	10.0	11.0	950	2980	3700	13.64	3.36	10.0	6.30	A++	
	22	*13	*13	*10	*10	3.19	1.97	1.97	1.44	1.44	3.7	10.0	11.0	950	2980	3700	13.64	3.36	10.0	6.30	A++	

RESIDENTIAL AIR-TO-AIR

**RAS-5M34U2AVG-E / TR - Performances in Heating mode**

Operating status	Combination					Unit capacity (kW)					Cooling capacity (kW)			Power input (W)			Operating current (A)		EER	Seasonal efficiencies*		
	Unit A	Unit B	Unit C	Unit D	Unit E	Unit A	Unit B	Unit C	Unit D	Unit E	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Nom.	Pdc	SEER	Class
1 unit operation	05	-	-	-	-	2.00	-	-	-	-	0.8	2.0	2.7	300	600	900	3.00	-	-	-	-	-
	07	-	-	-	-	2.70	-	-	-	-	0.8	2.7	4.8	300	900	1980	4.50	-	-	-	-	-
	10	-	-	-	-	4.00	-	-	-	-	0.8	4.0	5.2	300	1450	1980	6.64	-	-	-	-	-
	13	-	-	-	-	5.00	-	-	-	-	0.8	5.0	6.5	310	2050	2750	9.38	-	-	-	-	-
	16	-	-	-	-	5.50	-	-	-	-	0.8	5.5	6.9	310	2400	3000	10.98	-	-	-	-	-
	18	-	-	-	-	6.00	-	-	-	-	0.8	6.0	7.1	310	2630	3200	12.04	-	-	-	-	-
	22	-	-	-	-	7.00	-	-	-	-	1.8	7.0	8.2	330	27							





**RAS-5M34U2AVG-E / TR - Performances in Heating mode**

Operating status	Combination					Unit capacity (kW)					Cooling capacity (kW)			Power input (W)			Operating current (A)		EER		Seasonal efficiencies*	
	Unit A	Unit B	Unit C	Unit D	Unit E	Unit A	Unit B	Unit C	Unit D	Unit E	Min.	Nom.	Max.	Min.	Nom.	Max.	Nom.	Nom.	Pdc	SEER	Class	
2 units operations	16	16	-	-	-	4.30	4.30	-	-	-	1.5	8.6	10.2	320	2860	3250	13.09	3.01	5.9	4.04	A+	
	18	16	-	-	-	4.49	4.11	-	-	-	1.5	8.6	10.2	320	2860	3250	13.09	3.01	5.9	4.04	A+	
	22	16	-	-	-	4.82	3.78	-	-	-	1.5	8.6	10.2	320	2860	3250	13.09	3.01	5.9	4.05	A+	
	24	16	-	-	-	5.12	3.48	-	-	-	1.5	8.6	10.2	320	2860	3250	13.09	3.01	5.9	4.04	A+	
	18	18	-	-	-	4.30	4.30	-	-	-	1.5	8.6	10.2	320	2860	3250	13.09	3.01	5.9	4.04	A+	
	22	18	-	-	-	4.63	3.97	-	-	-	1.5	8.6	10.2	320	2860	3250	13.09	3.01	5.9	4.04	A+	
	24	18	-	-	-	4.94	3.66	-	-	-	1.5	8.6	10.2	320	2860	3250	13.09	3.01	5.9	4.04	A+	
	22	22	-	-	-	4.50	4.50	-	-	-	1.5	9.0	10.6	320	2200	2590	9.96	4.09	5.9	4.25	A+	
	24	22	-	-	-	4.83	4.17	-	-	-	1.5	9.0	10.6	320	2200	2590	9.96	4.09	5.9	4.25	A+	
	24	24	-	-	-	4.55	4.55	-	-	-	1.5	9.1	10.7	320	2220	2610	10.05	4.10	5.9	4.25	A+	
	05	05	05	-	-	2.00	2.00	2.00	-	-	2.0	6.0	8.0	380	1700	2000	7.78	3.53	5.0	4.12	A+	
	07	05	05	-	-	2.70	2.00	2.00	-	-	2.0	6.7	8.9	380	1850	2080	8.47	3.62	5.7	4.16	A+	
	10	05	05	-	-	4.00	2.00	2.00	-	-	2.0	8.0	10.1	380	2290	2750	10.48	3.49	6.0	4.17	A+	
	13	05	05	-	-	4.94	1.98	1.98	-	-	2.0	8.9	10.7	380	2350	2760	10.76	3.79	6.0	4.17	A+	
	16	05	05	-	-	5.15	1.87	1.87	-	-	2.0	8.9	10.7	380	2350	2760	10.76	3.79	6.0	4.17	A+	
18	05	05	-	-	5.34	1.78	1.78	-	-	2.0	8.9	10.7	380	2350	2760	10.76	3.79	6.0	4.17	A+		
22	05	05	-	-	5.66	1.62	1.62	-	-	2.0	8.9	10.7	380	2350	2760	10.76	3.79	6.0	4.06	A+		
24	05	05	-	-	5.96	1.47	1.47	-	-	2.0	8.9	10.7	380	2350	2760	10.76	3.79	6.0	4.06	A+		
07	07	05	-	-	2.70	2.70	2.00	-	-	2.0	7.4	10.1	380	2000	2700	9.15	3.70	6.0	4.17	A+		
10	07	05	-	-	4.00	2.70	2.00	-	-	2.0	8.7	10.5	380	2200	2700	10.07	3.95	6.0	4.17	A+		
13	07	05	-	-	4.59	2.48	1.84	-	-	2.0	8.9	10.7	380	2350	2760	10.76	3.79	6.0	4.17	A+		
16	07	05	-	-	4.80	2.36	1.75	-	-	2.0	8.9	10.7	380	2350	2760	10.76	3.79	6.0	4.17	A+		
18	07	05	-	-	4.99	2.25	1.66	-	-	2.0	8.9	10.7	380	2350	2760	10.76	3.79	6.0	4.17	A+		
22	07	05	-	-	5.32	2.05	1.52	-	-	2.0	8.9	10.7	380	2350	2760	10.76	3.79	6.0	4.06	A+		
24	07	05	-	-	5.63	1.88	1.39	-	-	2.0	8.9	10.7	380	2350	2760	10.76	3.79	6.0	4.06	A+		
10	10	05	-	-	3.56	3.56	1.78	-	-	2.0	8.9	10.7	380	2350	2760	10.76	3.79	6.0	4.17	A+		
13	10	05	-	-	4.05	3.24	1.62	-	-	2.0	8.9	10.7	380	2350	2760	10.76	3.79	6.0	4.17	A+		
16	10	05	-	-	4.26	3.10	1.55	-	-	2.0	8.9	10.7	380	2350	2760	10.76	3.79	6.0	4.17	A+		
18	10	05	-	-	4.45	2.97	1.48	-	-	2.0	8.9	10.7	380	2350	2760	10.76	3.79	6.0	4.17	A+		
22	10	05	-	-	4.79	2.74	1.37	-	-	2.0	8.9	10.7	380	2350	2760	10.76	3.79	6.0	4.06	A+		
24	10	05	-	-	5.11	2.52	1.26	-	-	2.0	8.9	10.7	380	2350	2760	10.76	3.79	6.0	4.06	A+		
13	13	05	-	-	3.71	3.71	1.48	-	-	2.0	8.9	10.7	380	2350	2760	10.76	3.79	6.0	4.17	A+		
16	13	05	-	-	3.92	3.56	1.42	-	-	2.0	8.9	10.7	380	2350	2760	10.76	3.79	6.0	4.17	A+		
18	13	05	-	-	4.11	3.42	1.37	-	-	2.0	8.9	10.7	380	2350	2760	10.76	3.79	6.0	4.17	A+		
22	13	05	-	-	4.45	3.18	1.27	-	-	2.0	8.9	10.7	380	2350	2760	10.76	3.79	6.0	4.06	A+		
24	13	05	-	-	4.77	2.95	1.18	-	-	2.0	8.9	10.7	380	2350	2760	10.76	3.79	6.0	4.06	A+		
16	16	05	-	-	3.77	3.77	1.37	-	-	2.0	8.9	10.7	380	2350	2760	10.76	3.79	6.0	4.17	A+		
18	16	05	-	-	3.96	3.63	1.32	-	-	2.0	8.9	10.7	380	2350	2760	10.76	3.79	6.0	4.17	A+		
22	16	05	-	-	4.30	3.38	1.23	-	-	2.0	8.9	10.7	380	2350	2760	10.76	3.79	6.0	4.06	A+		
24	16	05	-	-	4.88	3.31	1.21	-	-	2.0	9.4	11.2	380	2370	2880	10.85	3.97	6.0	4.06	A+		
18	18	05	-	-	3.81	3.81	1.27	-	-	2.0	8.9	10.7	380	2350	2760	10.76	3.79	6.0	4.16	A+		
22	18	05	-	-	4.39	3.76	1.25	-	-	2.0	9.4	11.2	380	2290	2630	10.48	4.10	6.0	4.06	A+		
24	18	05	-	-	4.73	3.50	1.17	-	-	2.0	9.4	11.2	380	2290	2630	10.48	4.10	6.0	4.06	A+		
22	22	05	-	-	4.11	4.11	1.18	-	-	2.0	9.4	11.2	380	2290	2630	10.48	4.10	6.0	4.07	A+		
24	22	05	-	-	4.45	3.85	1.10	-	-	2.0	9.4	11.2	380	2290	2630	10.48	4.10	6.0	4.07	A+		
24	24	05	-	-	4.18	4.18	1.03	-	-	2.0	9.4	11.2	380	2290	2630	10.48	4.10	6.0	4.07	A+		
07	07	07	-	-	2.70	2.70	2.70	-	-	2.0	8.1	10.4	380	2290	2750	10.48	3.54	6.0	4.17	A+		
10	07	07	-	-	3.53	2.38	2.38	-	-	2.0	8.3	10.4	380	2300	2750	10.53	3.61	6.0	4.17	A+		
13	07	07	-	-	4.13	2.23	2.23	-	-	2.0	8.6	10.4	380	2300	2750	10.53	3.74	6.0	4.17	A+		
16	07	07	-	-	4.39	2.16	2.16	-	-	2.0	8.7	10.5	380	2350	2760	10.76	3.70	6.0	4.17	A+		
18	07	07	-	-	4.58	2.06	2.06	-	-	2.0	8.7	10.5	380	2350	2760	10.76	3.70	6.0	4.17	A+		
22	07	07	-	-	4.91	1.89	1.89	-	-	2.0	8.7	10.5	380	2350	2760	10.76	3.70	6.0	4.06	A+		
24	07	07	-	-	5.22	1.74	1.74	-	-	2.0	8.7	10.5	380	2350	2760	10.76	3.70	6.0	4.06	A+		
10	10	07	-	-	3.18	3.18	2.14	-	-	2.0	8.5	10.4	380	2300	2750	10.53	3.70	6.0	4.17	A+		
13	10	07	-	-	3.72	2.97	2.01	-	-	2.0	8.7	10.5	380	2350	2760	10.76	3.70	6.0	4.17	A+		
16	10	07	-	-	3.92	2.85	1.93	-	-	2.0	8.7	10.5	380	2350	2760	10.76	3.70	6.0	4.17	A+		
18	10	07	-	-	4.11	2.74	1.85	-	-	2.0	8.7	10.5	380	2350	2760	10.76	3.70	6.0	4.17	A+		
22	10	07	-	-	4.50	2.57	1.73	-	-	2.0	8.8	10.6	380	2400	2780	10.98	3.67	6.0	4.06	A+		
24	10	07	-	-	4.82	2.38	1.61	-	-	2.0	8.8	10.6	380	2400	2780	10.98	3.67	6.0	4.06	A+		
13	13	07	-	-	3.43	3.43	1.85	-	-	2.0	8.7	10.5	380	2350	2760	10.76	3.70	6.0	4.17	A+		
16	13	07	-	-	3.67	3.33	1.80	-	-	2.0	8.8	10.6	380	2400	2780	10.98	3.67	6.0	4.17	A+		
18	13	07	-	-	3.85	3.21	1.73	-	-	2.0	8.8	10.6	380	2400	2780	10.98	3.67	6.0	4.17	A+		
22	13	07	-	-	4.24	3.03	1.63	-	-	2.0	8.9	10.7	380	2450	2790	11.21	3.63	6.0	4.06	A+		
24	13	07	-	-	4.56	2.82	1.52	-	-	2.0	8.9	10.7	380	2450	2790	11.21	3.63	6.0	4.06	A+		
16	16	07	-	-	3.57	3.57	1.75	-	-	2.0	8.9	10.7	380	2450	2790	11.21	3.63	6.0	4.17	A+		
18	16	07	-	-	3.76	3.45	1.69	-	-	2.0	8.9	10.7	380	2450	2790	11.21	3.63	6.0	4.17	A+		
22	16	07	-	-	4.10	3.22	1.58	-	-	2.0	8.9	10.7	380	2450	2790	11.21	3.63	6.0	4.06	A+		
24	16	07	-	-	4.42	3.00	1.47	-	-	2.0	8.9	10.7	380	2450	2790	11.21	3.63	6.0	4.06	A+		
18	18	07	-	-	3.63	3.63	1.63	-	-	2.0	8.9	10.7	380	2450	2790	11.21	3.63	6.0	4.16	A+		
22	18	07	-	-	3.97	3.40	1.53	-	-	2.0	8.9	10.7	380	2450	2790	11.21	3.63	6.0	4.06	A+		
24	18	07	-	-	4.29	3.18	1.43	-	-	2.0	8.9	10.7	380	2450	2790	11.21	3.63	6.0	4.06	A+		
22	22	07	-	-	3.86	3.86	1.49	-	-	2.0	9.2	11.0	380	2250	2590	10.19	4.09	6.0	4.03	A+		
24	22	07	-	-	4.23	3.66	1.41	-	-	2.0	9.3</											



RAS-5M34U2AVG-E / TR - Performances in Heating mode

Operating status	Combination					Unit capacity (kW)					Cooling capacity (kW)			Power input (W)			Operating current (A)	EER	Seasonal efficiencies*		
	Unit A	Unit B	Unit C	Unit D	Unit E	Unit A	Unit B	Unit C	Unit D	Unit E	Min.	Nom.	Max.	Min.	Nom.	Max.	Nom.	Nom.	Pdc	SEER	Class
3 units operations	24	13	13	-	-	3.98	2.46	2.46	-	-	2.0	8.9	10.7	380	2450	2790	11.21	3.63	6.0	4.07	A+
	16	16	13	-	-	3.06	3.06	2.78	-	-	2.0	8.9	10.7	380	2450	2790	11.21	3.63	6.0	4.17	A+
	18	16	13	-	-	3.24	2.97	2.70	-	-	2.0	8.9	10.7	380	2450	2790	11.21	3.63	6.0	4.17	A+
	22	16	13	-	-	3.56	2.80	2.54	-	-	2.0	8.9	10.7	380	2450	2790	11.21	3.63	6.0	4.06	A+
	24	16	13	-	-	3.88	2.63	2.39	-	-	2.0	8.9	10.7	380	2450	2790	11.21	3.63	6.0	4.06	A+
	18	18	13	-	-	3.14	3.14	2.62	-	-	2.0	8.9	10.7	380	2450	2790	11.21	3.63	6.0	4.16	A+
	22	18	13	-	-	3.62	3.10	2.58	-	-	2.0	9.3	11.1	380	2270	2610	10.39	4.10	6.0	4.06	A+
	24	18	13	-	-	3.94	2.92	2.43	-	-	2.0	9.3	11.1	380	2270	2610	10.39	4.10	6.0	4.06	A+
	16	16	16	-	-	2.97	2.97	2.97	-	-	2.0	8.9	10.7	380	2450	2790	11.21	3.63	6.0	4.17	A+
	05	05	05	05	-	2.00	2.00	2.00	2.00	-	2.2	8.0	11.4	450	1880	2830	8.60	4.26	6.0	4.14	A+
	07	05	05	05	-	2.70	2.00	2.00	2.00	-	2.2	8.7	11.4	450	2060	2830	9.43	4.22	6.0	4.14	A+
	10	05	05	05	-	3.76	1.88	1.88	1.88	-	2.2	9.4	11.4	450	2220	2830	10.16	4.23	6.0	4.14	A+
	13	05	05	05	-	4.36	1.75	1.75	1.75	-	2.2	9.6	11.5	450	2310	2850	10.57	4.16	6.0	4.14	A+
	16	05	05	05	-	4.69	1.70	1.70	1.70	-	2.2	9.8	11.5	450	2380	2850	10.89	4.12	6.0	4.14	A+
	18	05	05	05	-	4.90	1.63	1.63	1.63	-	2.2	9.8	11.5	450	2380	2850	10.89	4.12	6.0	4.14	A+
	22	05	05	05	-	5.28	1.51	1.51	1.51	-	2.2	9.8	11.5	450	2380	2850	10.89	4.12	6.0	4.05	A+
24	05	05	05	-	5.63	1.39	1.39	1.39	-	2.2	9.8	11.5	450	2380	2850	10.89	4.12	6.0	4.05	A+	
4 units operations	07	07	05	05	-	2.70	2.70	2.00	2.00	-	2.2	9.4	11.2	450	2300	2800	10.53	4.09	6.0	4.14	A+
	10	07	05	05	-	3.59	2.42	1.79	1.79	-	2.2	9.6	11.5	450	2360	2850	10.80	4.07	6.0	4.14	A+
	13	07	05	05	-	4.19	2.26	1.68	1.68	-	2.2	9.8	11.5	450	2380	2850	10.89	4.12	6.0	4.14	A+
	16	07	05	05	-	4.42	2.17	1.61	1.61	-	2.2	9.8	11.5	450	2380	2850	10.89	4.12	6.0	4.14	A+
	18	07	05	05	-	4.63	2.08	1.54	1.54	-	2.2	9.8	11.5	450	2380	2850	10.89	4.12	6.0	4.14	A+
	22	07	05	05	-	5.01	1.93	1.43	1.43	-	2.2	9.8	11.5	450	2380	2850	10.89	4.12	6.0	4.05	A+
	24	07	05	05	-	5.47	1.82	1.35	1.35	-	2.2	10.0	11.7	450	2400	2900	10.98	4.17	6.0	4.05	A+
	10	10	05	05	-	3.27	3.27	1.63	1.63	-	2.2	9.8	11.5	450	2380	2850	10.89	4.12	6.0	4.14	A+
	13	10	05	05	-	3.77	3.02	1.51	1.51	-	2.2	9.8	11.5	450	2380	2850	10.89	4.12	6.0	4.14	A+
	16	10	05	05	-	3.99	2.90	1.45	1.45	-	2.2	9.8	11.5	450	2380	2850	10.89	4.12	6.0	4.14	A+
	18	10	05	05	-	4.20	2.80	1.40	1.40	-	2.2	9.8	11.5	450	2380	2850	10.89	4.12	6.0	4.14	A+
	22	10	05	05	-	4.67	2.67	1.33	1.33	-	2.2	10.0	11.7	450	2400	2900	10.98	4.17	6.0	4.05	A+
	24	10	05	05	-	5.03	2.48	1.24	1.24	-	2.2	10.0	11.7	450	2400	2900	10.98	4.17	6.0	4.05	A+
	13	13	05	05	-	3.50	3.50	1.40	1.40	-	2.2	9.8	11.5	450	2380	2900	10.89	4.12	6.0	4.14	A+
	16	13	05	05	-	3.72	3.38	1.35	1.35	-	2.2	9.8	11.5	450	2380	2900	10.89	4.12	6.0	4.14	A+
	18	13	05	05	-	4.00	3.33	1.33	1.33	-	2.2	10.0	11.7	450	2400	2900	10.98	4.17	6.0	4.14	A+
	22	13	05	05	-	4.38	3.13	1.25	1.25	-	2.2	10.0	11.7	450	2400	2900	10.98	4.17	6.0	4.05	A+
	24	13	05	05	-	4.74	2.92	1.17	1.17	-	2.2	10.0	11.7	450	2400	2900	10.98	4.17	6.0	4.05	A+
	16	16	05	05	-	3.67	3.67	1.33	1.33	-	2.2	10.0	11.7	450	2400	2900	10.98	4.17	6.0	4.14	A+
	18	16	05	05	-	3.87	3.55	1.29	1.29	-	2.2	10.0	11.7	450	2400	2900	10.98	4.17	6.0	4.14	A+
	22	16	05	05	-	4.24	3.33	1.21	1.21	-	2.2	10.0	11.7	450	2400	2900	10.98	4.17	6.0	4.05	A+
	24	16	05	05	-	4.60	3.13	1.14	1.14	-	2.2	10.0	11.7	450	2400	2900	10.98	4.17	6.0	4.05	A+
	18	18	05	05	-	3.75	3.75	1.25	1.25	-	2.2	10.0	11.7	450	2400	2900	10.98	4.17	6.0	4.14	A+
	22	18	05	05	-	4.12	3.53	1.18	1.18	-	2.2	10.0	11.7	450	2400	2900	10.98	4.17	6.0	4.05	A+
	24	18	05	05	-	4.48	3.31	1.10	1.10	-	2.2	10.0	11.7	450	2400	2900	10.98	4.17	6.0	4.05	A+
	22	22	05	05	-	3.89	3.89	1.11	1.11	-	2.2	10.0	11.7	450	2400	2900	10.98	4.17	6.0	4.06	A+
	07	07	07	05	-	2.57	2.57	2.57	1.90	-	2.2	9.6	11.5	450	2360	2850	10.80	4.07	6.0	4.14	A+
	10	07	07	05	-	3.37	2.27	2.27	1.68	-	2.2	9.6	11.5	450	2360	2850	10.80	4.07	6.0	4.14	A+
	13	07	07	05	-	3.95	2.13	2.13	1.58	-	2.2	9.8	11.7	450	2380	2900	10.89	4.12	6.0	4.14	A+
	16	07	07	05	-	4.18	2.05	2.05	1.52	-	2.2	9.8	11.7	450	2380	2900	10.89	4.12	6.0	4.14	A+
	18	07	07	05	-	4.39	1.97	1.97	1.46	-	2.2	9.8	11.7	450	2380	2900	10.89	4.12	6.0	4.14	A+
	22	07	07	05	-	4.86	1.88	1.88	1.39	-	2.2	10.0	11.7	450	2400	2900	10.98	4.17	6.0	4.05	A+
	24	07	07	05	-	5.23	1.74	1.74	1.29	-	2.2	10.0	11.7	450	2400	2900	10.98	4.17	6.0	4.05	A+
	10	10	07	05	-	3.09	3.09	2.08	1.54	-	2.2	9.8	11.6	450	2380	2880	10.89	4.12	6.0	4.14	A+
	13	10	07	05	-	3.58	2.86	1.93	1.43	-	2.2	9.8	11.6	450	2380	2880	10.89	4.12	6.0	4.14	A+
	16	10	07	05	-	3.80	2.76	1.86	1.38	-	2.2	9.8	11.6	450	2380	2880	10.89	4.12	6.0	4.14	A+
	18	10	07	05	-	4.08	2.72	1.84	1.36	-	2.2	10.0	11.7	450	2400	2900	10.98	4.17	6.0	4.14	A+
	22	10	07	05	-	4.46	2.55	1.72	1.27	-	2.2	10.0	11.7	450	2400	2900	10.98	4.17	6.0	4.05	A+
	24	10	07	05	-	4.82	2.38	1.61	1.19	-	2.2	10.0	11.7	450	2400	2900	10.98	4.17	6.0	4.05	A+
	13	13	07	05	-	3.33	3.33	1.80	1.33	-	2.2	9.8	11.6	450	2400	2880	10.98	4.08	6.0	4.14	A+
	16	13	07	05	-	3.62	3.29	1.78	1.32	-	2.2	10.0	11.7	450	2400	2900	10.98	4.17	6.0	4.14	A+
	18	13	07	05	-	3.82	3.18	1.72	1.27	-	2.2	10.0	11.7	450	2400	2900	10.98	4.17	6.0	4.14	A+
	22	13	07	05	-	4.19	2.99	1.62	1.20	-	2.2	10.0	11.7	450	2400	2900	10.98	4.17	6.0	4.05	A+
	24	13	07	05	-	4.55	2.81	1.52	1.12	-	2.2	10.0	11.7	450	2400	2900	10.98	4.17	6.0	4.05	A+
	16	16	07	05	-	3.50	3.50	1.72	1.27	-	2.2	10.0	11.7	450	2400	2900	10.98	4.17	6.0	4.14	A+
	18	16	07	05	-	3.70	3.40	1.67	1.23	-	2.2	10.0	11.7	450	2400	2900	10.98	4.17	6.0	4.14	A+
	22	16	07	05	-	4.07	3.20	1.57	1.16	-	2.2	10.0	11.7	450	2400	2900	10.98	4.17	6.0	4.05	A+
	18	18	07	05	-	3.59	3.59	1.62	1.20	-	2.2	10.0	11.7	450	2400	2900	10.98	4.17	6.0	4.14	A+
22	18	07	05	-	3.95	3.39	1.53	1.13	-	2.2	10.0	11.7	450	2400	2900	10.98	4.17	6.0	4.05	A+	
10	10	10	05	-	2.80	2.80	2.80	1.40	-	2.2	9.8	11.6	450	2380	2880	10.89	4.12	6.0	4.14	A+	
13	10	10	05	-	3.27	2.61	2.61	1.31	-	2.2	9.8	11.6	450	23							



**RAS-5M34U2AVG-E / TR - Performances in Heating mode**

Operating status	Combination					Unit capacity (kW)				Cooling capacity (kW)			Power input (W)			Operating current (A)		EER		Seasonal efficiencies*	
	Unit A	Unit B	Unit C	Unit D	Unit E	Unit A	Unit B	Unit C	Unit D	Unit E	Min.	Nom.	Max.	Min.	Nom.	Max.	Nom.	Nom.	Pdc	SEER	Class
4 units operations	24	18	10	07	-	3.89	2.88	1.92	1.30	-	2.2	10.0	11.7	490	2400	2900	10.98	4.17	6.0	4.05	A+
	13	13	13	07	-	2.82	2.82	2.82	1.53	-	2.2	10.0	11.7	490	2400	2900	10.98	4.17	6.0	4.14	A+
	16	13	13	07	-	3.02	2.75	2.75	1.48	-	2.2	10.0	11.7	490	2400	2900	10.98	4.17	6.0	4.14	A+
	18	13	13	07	-	3.21	2.67	2.67	1.44	-	2.2	10.0	11.7	490	2400	2900	10.98	4.17	6.0	4.14	A+
	22	13	13	07	-	3.55	2.54	2.54	1.37	-	2.2	10.0	11.7	490	2400	2900	10.98	4.17	6.0	4.05	A+
	24	13	13	07	-	3.89	2.40	2.40	1.30	-	2.2	10.0	11.7	490	2400	2900	10.98	4.17	6.0	4.05	A+
	16	16	13	07	-	2.94	2.94	2.67	1.44	-	2.2	10.0	11.7	490	2400	2900	10.98	4.17	6.0	4.14	A+
	18	16	13	07	-	3.13	2.86	2.60	1.41	-	2.2	10.0	11.7	490	2400	2900	10.98	4.17	6.0	4.14	A+
	22	16	13	07	-	3.47	2.72	2.48	1.34	-	2.2	10.0	11.7	490	2400	2900	10.98	4.17	6.0	4.05	A+
	24	16	13	07	-	3.80	2.58	2.35	1.27	-	2.2	10.0	11.7	490	2400	2900	10.98	4.17	6.0	4.05	A+
	18	18	13	07	-	3.05	3.05	2.54	1.37	-	2.2	10.0	11.7	490	2400	2900	10.98	4.17	6.0	4.14	A+
	22	18	13	07	-	3.38	2.90	2.42	1.30	-	2.2	10.0	11.7	490	2400	2900	10.98	4.17	6.0	4.05	A+
	24	18	13	07	-	3.72	2.75	2.29	1.24	-	2.2	10.0	11.7	490	2400	2900	10.98	4.17	6.0	4.05	A+
	10	10	10	10	-	2.43	2.43	2.43	2.43	-	2.2	9.7	11.6	470	2370	2780	10.85	4.09	6.0	4.14	A+
	13	10	10	10	-	2.91	2.33	2.33	2.33	-	2.2	9.9	11.7	480	2390	2900	10.94	4.14	6.0	4.14	A+
	16	10	10	10	-	3.14	2.29	2.29	2.29	-	2.2	10.0	11.7	490	2400	2900	10.98	4.17	6.0	4.14	A+
	18	10	10	10	-	3.33	2.22	2.22	2.22	-	2.2	10.0	11.7	490	2400	2900	10.98	4.17	6.0	4.14	A+
	22	10	10	10	-	3.68	2.11	2.11	2.11	-	2.2	10.0	11.7	490	2400	2900	10.98	4.17	6.0	4.05	A+
	24	10	10	10	-	4.03	1.99	1.99	1.99	-	2.2	10.0	11.7	490	2400	2900	10.98	4.17	6.0	4.05	A+
	13	13	10	10	-	2.78	2.78	2.22	2.22	-	2.2	10.0	11.7	490	2400	2900	10.98	4.17	6.0	4.14	A+
	16	13	10	10	-	2.97	2.70	2.16	2.16	-	2.2	10.0	11.7	490	2400	2900	10.98	4.17	6.0	4.14	A+
	18	13	10	10	-	3.16	2.63	2.11	2.11	-	2.2	10.0	11.7	490	2400	2900	10.98	4.17	6.0	4.14	A+
	22	13	10	10	-	3.50	2.50	2.00	2.00	-	2.2	10.0	11.7	490	2400	2900	10.98	4.17	6.0	4.05	A+
	24	13	10	10	-	3.84	2.37	1.90	1.90	-	2.2	10.0	11.7	490	2400	2900	10.98	4.17	6.0	4.05	A+
	16	16	10	10	-	2.89	2.89	2.11	2.11	-	2.2	10.0	11.7	490	2400	2900	10.98	4.17	6.0	4.14	A+
	18	16	10	10	-	3.08	2.82	2.05	2.05	-	2.2	10.0	11.7	490	2400	2900	10.98	4.17	6.0	4.14	A+
	22	16	10	10	-	3.41	2.68	1.95	1.95	-	2.2	10.0	11.7	490	2400	2900	10.98	4.17	6.0	4.05	A+
	24	16	10	10	-	3.75	2.55	1.85	1.85	-	2.2	10.0	11.7	490	2400	2900	10.98	4.17	6.0	4.05	A+
	18	18	10	10	-	3.00	3.00	2.00	2.00	-	2.2	10.0	11.7	490	2400	2900	10.98	4.17	6.0	4.14	A+
	22	18	10	10	-	3.33	2.86	1.90	1.90	-	2.2	10.0	11.7	490	2400	2900	10.98	4.17	6.0	4.05	A+
	24	18	10	10	-	3.67	2.71	1.81	1.81	-	2.2	10.0	11.7	490	2400	2900	10.98	4.17	6.0	4.05	A+
	13	13	13	10	-	2.63	2.63	2.63	2.11	-	2.2	10.0	11.7	490	2400	2900	10.98	4.17	6.0	4.14	A+
	16	13	13	10	-	2.82	2.56	2.56	2.05	-	2.2	10.0	11.7	490	2400	2900	10.98	4.17	6.0	4.14	A+
	18	13	13	10	-	3.00	2.50	2.50	2.00	-	2.2	10.0	11.7	490	2400	2900	10.98	4.17	6.0	4.14	A+
	22	13	13	10	-	3.33	2.38	2.38	1.90	-	2.2	10.0	11.7	490	2400	2900	10.98	4.17	6.0	4.05	A+
	24	13	13	10	-	3.67	2.26	2.26	1.81	-	2.2	10.0	11.7	490	2400	2900	10.98	4.17	6.0	4.05	A+
	16	16	13	10	-	2.75	2.75	2.50	2.00	-	2.2	10.0	11.7	490	2400	2900	10.98	4.17	6.0	4.14	A+
	18	16	13	10	-	2.93	2.68	2.44	1.95	-	2.2	10.0	11.7	490	2400	2900	10.98	4.17	6.0	4.14	A+
	22	16	13	10	-	3.26	2.56	2.33	1.86	-	2.2	10.0	11.7	490	2400	2900	10.98	4.17	6.0	4.05	A+
	24	16	13	10	-	3.58	2.43	2.21	1.77	-	2.2	10.0	11.7	490	2400	2900	10.98	4.17	6.0	4.05	A+
	18	18	13	10	-	2.86	2.86	2.38	1.90	-	2.2	10.0	11.7	490	2400	2900	10.98	4.17	6.0	4.14	A+
	22	18	13	10	-	3.18	2.73	2.27	1.82	-	2.2	10.0	11.7	490	2400	2900	10.98	4.17	6.0	4.05	A+
	24	18	13	10	-	3.51	2.60	2.16	1.73	-	2.2	10.0	11.7	490	2400	2900	10.98	4.17	6.0	4.05	A+
	13	13	13	13	-	2.50	2.50	2.50	2.50	-	2.2	10.0	11.7	490	2400	2900	10.98	4.17	6.0	4.14	A+
	16	13	13	13	-	2.68	2.44	2.44	2.44	-	2.2	10.0	11.7	490	2400	2900	10.98	4.17	6.0	4.14	A+
	18	13	13	13	-	2.86	2.38	2.38	2.38	-	2.2	10.0	11.7	490	2400	2900	10.98	4.17	6.0	4.14	A+
	22	13	13	13	-	3.18	2.27	2.27	2.27	-	2.2	10.0	11.7	490	2400	2900	10.98	4.17	6.0	4.05	A+
	24	13	13	13	-	3.51	2.16	2.16	2.16	-	2.2	10.0	11.7	490	2400	2900	10.98	4.17	6.0	4.05	A+
16	16	13	13	-	2.62	2.62	2.38	2.38	-	2.2	10.0	11.7	490	2400	2900	10.98	4.17	6.0	4.14	A+	
18	16	13	13	-	2.79	2.56	2.33	2.33	-	2.2	10.0	11.7	490	2400	2900	10.98	4.17	6.0	4.14	A+	
22	16	13	13	-	3.11	2.44	2.22	2.22	-	2.2	10.0	11.7	490	2400	2900	10.98	4.17	6.0	4.05	A+	
24	16	13	13	-	3.43	2.33	2.12	2.12	-	2.2	10.0	11.7	490	2400	2900	10.98	4.17	6.0	4.05	A+	
18	18	13	13	-	2.73	2.73	2.27	2.27	-	2.2	10.0	11.7	490	2400	2900	10.98	4.17	6.0	4.14	A+	
22	18	13	13	-	3.04	2.61	2.17	2.17	-	2.2	10.0	11.7	490	2400	2900	10.98	4.17	6.0	4.05	A+	
24	18	13	13	-	3.36	2.49	2.07	2.07	-	2.2	10.0	11.7	490	2400	2900	10.98	4.17	6.0	4.05	A+	
5 units operations	05	05	05	05	05	2.00	2.00	2.00	2.00	2.00	2.7	10.0	12.0	508	2350	3160	10.76	4.26	6.8	4.08	A+
	07	05	05	05	05	2.70	2.00	2.00	2.00	2.00	2.7	10.7	12.5	508	2520	3350	11.53	4.25	6.8	4.08	A+
	10	05	05	05	05	3.83	1.92	1.92	1.92	1.92	2.7	11.5	13.5	508	2740	4100	12.54	4.20	6.8	4.08	A+
	13	05	05	05	05	4.42	1.77	1.77	1.77	1.77	2.7	11.5	13.5	508	2740	4100	12.54	4.20	6.8	4.08	A+
	16	05	05	05	05	4.77	1.73	1.73	1.73	1.73	2.7	11.7	13.7	508	2762	4120	12.64	4.24	6.8	4.08	A+
	18	05	05	05	05	5.01	1.67	1.67	1.67	1.67	2.7	11.7	13.7	508	2762	4120	12.64	4.24	6.8	4.07	A+
	07	07	05	05	05	2.70	2.70	2.00	2.00	2.00	2.7	11.4	13.4	508	2690	4020	12.31	4.24	6.8	4.08	A+
	10	07	05	05	05	3.62	2.44	1.81	1.81	1.81	2.7	11.5	13.5	508	2740	4100	12.54	4.20	6.8	4.08	A+
	13	07	05	05	05	4.20	2.27	1.68	1.68	1.68	2.7	11.5	13.5	508	2740	4100	12.54	4.20	6.8	4.08	A+
	16	07	05	05	05	4.53	2.22	1.65	1.65	1.65	2.7	11.7	13.7	508	2762	4120	12.64	4.24	6.8	4.08	A+
	18	07	05	05	05	4.78	2.15	1.59	1.59	1.59	2.7	11.7	13.7	508	2762	4120	12.64	4.24	6.8	4.07	A+
	10	10	05	05	05	3.34	3.34	1.67	1.67	1.67	2.7	11.7	13.7	508	2762	4120	12.64	4.24	6.8	4.08	A+
	13	10	05	05	05	3.90	3.12	1.56	1.56	1.56	2.7	11.7	13.7	508	2762	4120	12.64	4.24	6.8	4.08	A+
	16	10	05	05	05	4.15	3.02	1.51	1.51	1.51	2.7	11.7	13.7	508							

RAS-5M34U2AVG-E / TR - Performances in Heating mode

Operating status	Combination					Unit capacity (kW)					Cooling capacity (kW)			Power input (W)			Operating current (A)		EER	Seasonal efficiencies*		
	Unit A	Unit B	Unit C	Unit D	Unit E	Unit A	Unit B	Unit C	Unit D	Unit E	Min.	Nom.	Max.	Min.	Nom.	Max.	Nom.	Max.	Nom.	Pdc	SEER	Class
18	07	07	07	07	05	4.36	1.96	1.96	1.96	1.45	2.7	11.7	13.7	508	2762	4120	12.64	4.24	6.8	4.07	A+	
10	10	07	07	05	3.04	3.04	2.05	2.05	1.52	2.7	11.7	13.7	508	2762	4120	12.64	4.24	6.8	4.08	A+		
13	10	07	07	05	3.57	2.85	1.93	1.93	1.43	2.7	11.7	13.7	508	2762	4120	12.64	4.24	6.8	4.08	A+		
16	10	07	07	05	3.81	2.77	1.87	1.87	1.38	2.7	11.7	13.7	508	2762	4120	12.64	4.24	6.8	4.08	A+		
18	10	07	07	05	4.03	2.69	1.82	1.82	1.34	2.7	11.7	13.7	508	2762	4120	12.64	4.24	6.8	4.07	A+		
13	13	07	07	05	3.36	3.36	1.82	1.82	1.34	2.7	11.7	13.7	508	2762	4120	12.64	4.24	6.8	4.08	A+		
16	13	07	07	05	3.59	3.27	1.76	1.76	1.31	2.7	11.7	13.7	508	2762	4120	12.64	4.24	6.8	4.08	A+		
10	10	10	07	05	2.80	2.80	2.80	1.89	1.40	2.7	11.7	13.7	508	2762	4120	12.64	4.24	6.8	4.08	A+		
13	10	10	07	05	3.31	2.64	2.64	1.78	1.32	2.7	11.7	13.7	508	2762	4120	12.64	4.24	6.8	4.08	A+		
16	10	10	07	05	3.54	2.57	2.57	1.74	1.29	2.7	11.7	13.7	508	2762	4120	12.64	4.24	6.8	4.08	A+		
10	10	10	10	05	2.60	2.60	2.60	2.60	1.30	2.7	11.7	13.7	508	2762	4120	12.64	4.24	6.8	4.08	A+		
07	07	07	07	07	2.28	2.28	2.28	2.28	2.28	2.7	11.4	13.4	508	2690	4020	12.31	4.24	6.8	4.08	A+		
10	07	07	07	07	3.16	2.13	2.13	2.13	2.13	2.7	11.7	13.7	508	2762	4120	12.64	4.24	6.8	4.08	A+		
13	07	07	07	07	3.70	2.00	2.00	2.00	2.00	2.7	11.7	13.7	508	2762	4120	12.64	4.24	6.8	4.08	A+		
16	07	07	07	07	3.95	1.94	1.94	1.94	1.94	2.7	11.7	13.7	508	2762	4120	12.64	4.24	6.8	4.08	A+		
18	07	07	07	07	4.18	1.88	1.88	1.88	1.88	2.7	11.7	13.7	508	2762	4120	12.64	4.24	6.8	4.07	A+		
10	10	07	07	07	2.91	2.91	1.96	1.96	1.96	2.7	11.7	13.7	508	2762	4120	12.64	4.24	6.8	4.08	A+		
13	10	07	07	07	3.42	2.74	1.85	1.85	1.85	2.7	11.7	13.7	508	2762	4120	12.64	4.24	6.8	4.08	A+		
16	10	07	07	07	3.66	2.66	1.79	1.79	1.79	2.7	11.7	13.7	508	2762	4120	12.64	4.24	6.8	4.08	A+		
18	10	07	07	07	3.88	2.59	1.75	1.75	1.75	2.7	11.7	13.7	508	2762	4120	12.64	4.24	6.8	4.07	A+		
13	13	07	07	07	3.23	3.23	1.75	1.75	1.75	2.7	11.7	13.7	508	2762	4120	12.64	4.24	6.8	4.08	A+		
16	13	07	07	07	3.46	3.15	1.70	1.70	1.70	2.7	11.7	13.7	508	2762	4120	12.64	4.24	6.8	4.08	A+		
18	13	07	07	07	3.68	3.06	1.65	1.65	1.65	2.7	11.7	13.7	508	2762	4120	12.64	4.24	6.8	4.07	A+		
16	16	07	07	07	3.37	3.37	1.65	1.65	1.65	2.7	11.7	13.7	508	2762	4120	12.64	4.24	6.8	4.08	A+		
18	16	07	07	07	3.58	3.28	1.61	1.61	1.61	2.7	11.7	13.7	508	2762	4120	12.64	4.24	6.8	4.07	A+		
10	10	10	07	07	2.69	2.69	2.69	1.82	1.82	2.7	11.7	13.7	508	2762	4120	12.64	4.24	6.8	4.08	A+		
13	10	10	07	07	3.18	2.54	2.54	1.72	1.72	2.7	11.7	13.7	508	2762	4120	12.64	4.24	6.8	4.08	A+		
16	10	10	07	07	3.40	2.48	2.48	1.67	1.67	2.7	11.7	13.7	508	2762	4120	12.64	4.24	6.8	4.08	A+		
18	10	10	07	07	3.62	2.41	2.41	1.63	1.63	2.7	11.7	13.7	508	2762	4120	12.64	4.24	6.8	4.07	A+		
13	13	10	07	07	3.02	3.02	2.41	1.63	1.63	2.7	11.7	13.7	508	2762	4120	12.64	4.24	6.8	4.08	A+		
16	13	10	07	07	3.23	2.94	2.35	1.59	1.59	2.7	11.7	13.7	508	2762	4120	12.64	4.24	6.8	4.08	A+		
18	13	10	07	07	3.44	2.87	2.29	1.55	1.55	2.7	11.7	13.7	508	2762	4120	12.64	4.24	6.8	4.07	A+		
16	16	10	07	07	3.15	3.15	2.29	1.55	1.55	2.7	11.7	13.7	508	2762	4120	12.64	4.24	6.8	4.08	A+		
18	16	10	07	07	3.36	3.08	2.24	1.51	1.51	2.7	11.7	13.7	508	2762	4120	12.64	4.24	6.8	4.07	A+		
13	13	13	07	07	2.87	2.87	2.87	1.55	1.55	2.7	11.7	13.7	508	2762	4120	12.64	4.24	6.8	4.08	A+		
16	13	13	07	07	3.08	2.80	2.80	1.51	1.51	2.7	11.7	13.7	508	2762	4120	12.64	4.24	6.8	4.08	A+		
18	13	13	07	07	3.28	2.73	2.73	1.48	1.48	2.7	11.7	13.7	508	2762	4120	12.64	4.24	6.8	4.07	A+		
16	16	13	07	07	3.01	3.01	2.73	1.48	1.48	2.7	11.7	13.7	508	2762	4120	12.64	4.24	6.8	4.08	A+		
18	16	13	07	07	3.21	2.94	2.67	1.44	1.44	2.7	11.7	13.7	508	2762	4120	12.64	4.24	6.8	4.07	A+		
10	10	10	10	07	2.50	2.50	2.50	2.50	1.69	2.7	11.7	13.7	508	2762	4120	12.64	4.24	6.8	4.08	A+		
13	10	10	10	07	2.97	2.38	2.38	2.38	1.60	2.7	11.7	13.7	508	2762	4120	12.64	4.24	6.8	4.08	A+		
16	10	10	10	07	3.19	2.32	2.32	2.32	1.56	2.7	11.7	13.7	508	2762	4120	12.64	4.24	6.8	4.08	A+		
18	10	10	10	07	3.39	2.26	2.26	2.26	1.53	2.7	11.7	13.7	508	2762	4120	12.64	4.24	6.8	4.07	A+		
13	13	10	10	07	2.83	2.83	2.26	2.26	1.53	2.7	11.7	13.7	508	2762	4120	12.64	4.24	6.8	4.08	A+		
16	13	10	10	07	3.04	2.76	2.21	2.21	1.49	2.7	11.7	13.7	508	2762	4120	12.64	4.24	6.8	4.08	A+		
18	13	10	10	07	3.24	2.70	2.16	2.16	1.46	2.7	11.7	13.7	508	2762	4120	12.64	4.24	6.8	4.07	A+		
16	16	10	10	07	2.97	2.97	2.16	2.16	1.46	2.7	11.7	13.7	508	2762	4120	12.64	4.24	6.8	4.08	A+		
13	13	13	10	07	2.70	2.70	2.70	2.16	1.46	2.7	11.7	13.7	508	2762	4120	12.64	4.24	6.8	4.08	A+		
16	13	13	10	07	2.90	2.64	2.64	2.11	1.42	2.7	11.7	13.7	508	2762	4120	12.64	4.24	6.8	4.08	A+		
18	13	13	10	07	3.09	2.58	2.58	2.06	1.39	2.7	11.7	13.7	508	2762	4120	12.64	4.24	6.8	4.07	A+		
16	16	13	10	07	2.83	2.83	2.58	2.06	1.39	2.7	11.7	13.7	508	2762	4120	12.64	4.24	6.8	4.08	A+		
13	13	13	13	07	2.58	2.58	2.58	2.58	1.39	2.7	11.7	13.7	508	2762	4120	12.64	4.24	6.8	4.08	A+		
16	13	13	13	07	2.77	2.52	2.52	2.52	1.36	2.7	11.7	13.7	508	2762	4120	12.64	4.24	6.8	4.08	A+		
18	13	13	13	07	2.96	2.47	2.47	2.47	1.33	2.7	11.7	13.7	508	2762	4120	12.64	4.24	6.8	4.07	A+		
16	16	13	13	07	2.72	2.72	2.47	2.47	1.33	2.7	11.7	13.7	508	2762	4120	12.64	4.24	6.8	4.08	A+		
10	10	10	10	10	2.34	2.34	2.34	2.34	2.34	2.7	11.7	13.7	508	2762	4120	12.64	4.24	6.8	4.08	A+		
13	10	10	10	10	2.79	2.23	2.23	2.23	2.23	2.7	11.7	13.7	508	2762	4120	12.64	4.24	6.8	4.08	A+		
16	10	10	10	10	2.99	2.18	2.18	2.18	2.18	2.7	11.7	13.7	508	2762	4120	12.64	4.24	6.8	4.08	A+		
18	10	10	10	10	3.19	2.13	2.13	2.13	2.13	2.7	11.7	13.7	508	2762	4120	12.64	4.24	6.8	4.07	A+		
13	13	10	10	10	2.66	2.66	2.13	2.13	2.13	2.7	11.7	13.7	508	2762	4120	12.64	4.24	6.8	4.08	A+		
16	13	10	10	10	2.86	2.60	2.08	2.08	2.08	2.7	11.7	13.7	508	2762	4120	12.64	4.24	6.8	4.08	A+		
18	13	10	10	10	3.05	2.54	2.03	2.03	2.03	2.7	11.7	13.7	508	2762	4120	12.64	4.24	6.8	4.07	A+		
16	16	10	10	10	2.80	2.80	2.03	2.03	2.03	2.7	11.7	13.7	508	2762	4120	12.64	4.24	6.8	4.08	A+		
13	13	13	10	10	2.54	2.54	2.54	2.03	2.03	2.7	11.7	13.7	508	2762	4120	12.64	4.24	6.8	4.08	A+		
16	13	13	10	10	2.74	2.49	2.49	1.99	1.99	2.7	11.7	13.7	508	2762	4120	12.64	4.24	6.8	4.08	A+		
18	13	13	10	10	2.93	2.44	2.44	1.95	1.95	2.7	11.7	13.7	508	2762	4120	12.64	4.24	6.8	4.07	A+		
16	16	13	10	10	2.75	2.75	2.50	2.00	2.00	2.7	12.0	14.0	508	2833	4200	12.97	4.24	6.8	4.08	A+		
13	13	13	13	10																		



**RAS-5M34U2AVG-E / TR - Performances in Heating mode**

Operating status	Combination					Unit capacity (kW)					Cooling capacity (kW)			Power input (W)			Operating current (A)	EER		Seasonal efficiencies*		
	Unit A	Unit B	Unit C	Unit D	Unit E	Unit A	Unit B	Unit C	Unit D	Unit E	Min.	Nom.	Max.	Min.	Nom.	Max.	Nom.	Nom.	Pdc	SEER	Class	
Heating, 230 V  5 units operations	22	13*	07*	07*	05*	4.22	3.02	1.63	1.63	1.21	2.7	11.7	13.7	508	2762	4120	12.64	4.24	6.8	3.95	A	
	24	13*	07*	07*	05*	4.62	2.85	1.54	1.54	1.14	2.7	11.7	13.7	508	2762	4120	12.64	4.24	6.8	3.95	A	
	22	10*	10*	07*	05*	4.16	2.38	2.38	1.60	1.19	2.7	11.7	13.7	508	2762	4120	12.64	4.24	6.8	3.95	A	
	24	10*	10*	07*	05*	4.56	2.25	2.25	1.52	1.13	2.7	11.7	13.7	508	2762	4120	12.64	4.24	6.8	3.95	A	
	22	13*	10*	07*	05*	3.96	2.83	2.26	1.53	1.13	2.7	11.7	13.7	508	2762	4120	12.64	4.24	6.8	3.95	A	
	24	13*	10*	07*	05*	4.35	2.68	2.15	1.45	1.07	2.7	11.7	13.7	508	2762	4120	12.64	4.24	6.8	3.95	A	
	22	13*	13*	07*	05*	3.77	2.70	2.70	1.46	1.08	2.7	11.7	13.7	508	2762	4120	12.64	4.24	6.8	3.95	A	
	24	13*	13*	07*	05*	4.16	2.57	2.57	1.39	1.03	2.7	11.7	13.7	508	2762	4120	12.64	4.24	6.8	3.95	A	
	22	10*	10*	10*	05*	3.90	2.23	2.23	2.23	1.11	2.7	11.7	13.7	508	2762	4120	12.64	4.24	6.8	3.95	A	
	24	10*	10*	10*	05*	4.29	2.12	2.12	2.12	1.06	2.7	11.7	13.7	508	2762	4120	12.64	4.24	6.8	3.95	A	
	22	13*	10*	10*	05*	3.72	2.66	2.13	2.13	1.06	2.7	11.7	13.7	508	2762	4120	12.64	4.24	6.8	3.95	A	
	24	13*	10*	10*	05*	4.10	2.53	2.03	2.03	1.01	2.7	11.7	13.7	508	2762	4120	12.64	4.24	6.8	3.95	A	
	22	13*	13*	10*	05*	3.56	2.54	2.54	2.03	1.02	2.7	11.7	13.7	508	2762	4120	12.64	4.24	6.8	3.95	A	
	24	13*	13*	10*	05*	3.93	2.43	2.43	1.94	0.97	2.7	11.7	13.7	508	2762	4120	12.64	4.24	6.8	3.95	A	
	22	13*	13*	13*	05*	3.41	2.44	2.44	2.44	0.98	2.7	11.7	13.7	508	2762	4120	12.64	4.24	6.8	3.95	A	
	22	07*	07*	07*	07*	4.60	1.77	1.77	1.77	1.77	2.5	11.7	14.0	487	2762	4200	12.64	4.24	6.8	3.95	A	
	24	07*	07*	07*	07*	5.01	1.67	1.67	1.67	1.67	2.5	11.7	14.0	487	2762	4200	12.64	4.24	6.8	3.95	A	
	22	10*	07*	07*	07*	4.29	2.45	1.65	1.65	1.65	2.5	11.7	14.0	487	2762	4200	12.64	4.24	6.8	3.95	A	
	24	10*	07*	07*	07*	4.69	2.32	1.56	1.56	1.56	2.5	11.7	14.0	487	2762	4200	12.64	4.24	6.8	3.95	A	
	22	13*	07*	07*	07*	4.07	2.91	1.57	1.57	1.57	2.5	11.7	14.0	487	2762	4200	12.64	4.24	6.8	3.95	A	
	24	13*	07*	07*	07*	4.47	2.76	1.49	1.49	1.49	2.5	11.7	14.0	487	2762	4200	12.64	4.24	6.8	3.95	A	
	22	10*	10*	07*	07*	4.01	2.29	2.29	1.55	1.55	2.5	11.7	14.0	487	2762	4200	12.64	4.24	6.8	3.95	A	
	24	10*	10*	07*	07*	4.41	2.18	2.18	1.47	1.47	2.5	11.7	14.0	487	2762	4200	12.64	4.24	6.8	3.95	A	
	22	13*	10*	07*	07*	3.83	2.73	2.19	1.48	1.48	2.5	11.7	14.0	487	2762	4200	12.64	4.24	6.8	3.95	A	
	24	13*	10*	07*	07*	4.21	2.60	2.08	1.40	1.40	2.5	11.7	14.0	487	2762	4200	12.64	4.24	6.8	3.95	A	
	22	13*	13*	07*	07*	3.66	2.61	2.61	1.41	1.41	2.5	11.7	14.0	487	2762	4200	12.64	4.24	6.8	3.95	A	
	24	13*	13*	07*	07*	4.03	2.49	2.49	1.34	1.34	2.5	11.7	14.0	487	2762	4200	12.64	4.24	6.8	3.95	A	
	22	10*	10*	10*	07*	3.77	2.16	2.16	2.16	1.46	2.5	11.7	14.0	487	2762	4200	12.64	4.24	6.8	3.95	A	
	24	10*	10*	10*	07*	4.16	2.05	2.05	2.05	1.39	2.5	11.7	14.0	487	2762	4200	12.64	4.24	6.8	3.95	A	
	22	13*	10*	10*	07*	3.61	2.58	2.06	2.06	1.39	2.5	11.7	14.0	487	2762	4200	12.64	4.24	6.8	3.95	A	
	24	13*	10*	10*	07*	3.98	2.46	1.97	1.97	1.33	2.5	11.7	14.0	487	2762	4200	12.64	4.24	6.8	3.95	A	
	22	13*	13*	10*	07*	3.54	2.53	2.53	2.03	1.37	2.5	12.0	14.0	487	2833	4200	12.97	4.24	6.8	3.95	A	
	24	13*	13*	10*	07*	3.92	2.42	2.42	1.94	1.31	2.5	12.0	14.0	487	2833	4200	12.97	4.24	6.8	3.95	A	
	22	13*	13*	13*	07*	3.40	2.43	2.43	2.43	1.31	2.5	12.0	14.0	487	2833	4200	12.97	4.24	6.8	3.95	A	
	22	10*	10*	10*	10*	3.56	2.03	2.03	2.03	2.03	2.5	11.7	14.0	487	2762	4200	12.64	4.24	6.8	3.95	A	
	24	10*	10*	10*	10*	3.93	1.94	1.94	1.94	1.94	2.5	11.7	14.0	487	2762	4200	12.64	4.24	6.8	3.95	A	
	22	13*	10*	10*	10*	3.50	2.50	2.00	2.00	2.00	2.5	12.0	14.0	487	2833	4200	12.97	4.24	6.8	3.95	A	
	24	13*	10*	10*	10*	3.87	2.39	1.91	1.91	1.91	2.5	12.0	14.0	487	2833	4200	12.97	4.24	6.8	3.95	A	
	22	13*	13*	10*	10*	3.36	2.40	2.40	1.92	1.92	2.5	12.0	14.0	487	2833	4200	12.97	4.24	6.8	3.95	A	

\* Note : seasonal efficiencies SEER & SCOP with highwall and/or Console combination. Minimum 2 indoor units connected.