

G2KVP



Higher standard in efficiency and comfort.

High energy efficiency class, both in cooling and heating (A+++ for sizes 10 & 13).

Elegant design.

Low energy consumption in minimum capacity: When demand is reduced, the unit reduces also its capacity and achieves lower power consumption.

Wide operating range.

Improved airflow features

Super Ionizer with possibility to enhance humidity in air.

User friendly wireless remote control and optimal customization.

Weekly timer with 4 freely programmable settings per day and 7 different programs per week (standard).

New Air Purifier



Impurities are ionized by the plasma ion charger and absorbed by heat exchanger



INDOOR UNITS

- RAS-10G2KVP-E
- RAS-13G2KVP-E
- RAS-16G2KVP-E



OUTDOOR UNITS

- RAS-10G2AVP-E
- RAS-13G2AVP-E
- RAS-16G2AVP-E



REMOTE CONTROLS

- WIRELESS

G2AVP+G2KVP

Performance data

Outdoor unit			RAS-10G2AVP-E	RAS-13G2AVP-E	RAS-16G2AVP-E
Indoor unit			RAS-10G2KVP-E	RAS-13G2KVP-E	RAS-16G2KVP-E
Cooling capacity	kW		2,50	3,50	4,50
Cooling range (min. - max.)	kW		0,55 - 3,5	0,63 - 4,1	0,63 - 5,0
Power input (min. - rated - max.)	kW	C	0,11 - 0,485 - 0,9	0,17 - 0,82 - 1,20	0,17 - 1,30 - 1,75
EER	W/W		5,15	4,27	3,46
SEER			9,10	8,90	7,30
Energy efficiency class		C	A+++	A+++	A++
Seasonal electricity consumption	kWh/a	C	96	138	216
Annual energy consumption	kWh		243	410	650
Heating capacity	kW		3,2	4,0	5,5
Heating range (min. - max.)	kW		0,45 - 5,8	0,65 - 6,3	0,65 - 6,8
Power input (min. - rated - max.)	kW	H	0,09 - 0,58 - 1,65	0,14 - 0,80 - 1,77	0,14 - 1,37 - 2,05
COP	W/W		5,52	5,00	4,01
SCOP (Average)			5,20	5,10	4,60
Energy efficiency class (Average)		H	A+++	A+++	A++
Seasonal electricity consumption	kWh/a	H	808	988	1369

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Physical data Indoor unit

Indoor unit			RAS-10G2KVP-E	RAS-13G2KVP-E	RAS-16G2KVP-E
Air Flow (max)	m ³ /h - l/s	C	648 - 180	672 - 187	696 - 193
Sound pressure level (h/l (q))	dB(A)	C	42/24 (20)	43/25 (21)	44/26 (23)
Sound power level (h)	dB(A)	C	57	58	59
Air Flow (max)	m ³ /h - l/s	H	678 - 188	726 - 202	744 - 207
Sound pressure level (h/l (q))	dB(A)	H	43/24 (20)	44/25 (21)	45/26 (23)
Sound power level (h)	dB(A)	H	58	59	60
Dimensions (HxWxD)	mm		293x831x270	293x831x270	293x831x270
Weight	kg		14	14	14

G2AVP

Physical data Outdoor unit

Outdoor unit			RAS-10G2AVP-E	RAS-13G2AVP-E	RAS-16G2AVP-E
Air Flow (max)	m ³ /h - l/s	C	1872 - 520	2160 - 600	2544 - 707
Sound pressure level (h)	dB(A)	C	46	48	49
Sound power level (h)	dB(A)	C	61	63	64
Operating range	°C	C	-10~46	-10~46	-10~46
Air Flow (max)	m ³ /h - l/s	H	1872 - 520	2160 - 600	2544 - 707
Sound pressure level (h)	dB(A)	H	47	49	50
Sound power level (h)	dB(A)	H	62	64	65
Operating range	°C	H	-15~24	-15~24	-15~24
Dimensions (HxWxD)	mm		630x800x300	630x800x300	630x800x300
Weight	kg		42	42	42
Compressor type			DC Twin Rotary	DC Twin Rotary	DC Twin Rotary
Flare connections (gas-liquid)	inch		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
Power supply	V-ph-Hz		220/240-1-50, 220/230-1-60	220/240-1-50, 220/230-1-60	220/240-1-50, 220/230-1-60

C = cooling mode
H = heating mode

h/l (q) = high / low speed (quiet)