

### Technical specifications heat pump

Outdoor unit			RAS-10SAVP-E	RAS-13SAVP-E	RAS-16SAVP-E
Indoor unit			RAS-B10SKVP-E	RAS-B13SKVP-E	RAS-B16SKVP-E
Cooling capacity	kW	C	2.5	3.5	4.5
Cooling range (min. – max.)	kW	C	0.5 – 3.5	0.6 – 4.5	0.8 – 5.0
Power input (min – rated – max.)	kW	C	0.10 – 0.49 – 0.87	0.11 – 0.85 – 1.37	0.15 – 1.35 – 1.82
EER	W/W	C	5.10	4.12	3.33
Energy star rating		C	★★★★★★	★★★★★★	★★★★★★
Annual energy consumption	kWh	C	245	425	675
Heating capacity	kW	H	3.2	4.2	5.5
Heating range (min. – max.)	kW	H	0.6 – 6.1	0.6 – 6.9	0.8 – 8.0
Power input (min – rated – max.)	kW	H	0.12 – 0.63 – 1.71	0.12 – 0.95 – 2.09	0.15 – 1.49 – 2.51
COP	W/W	H	5.08	4.42	3.69
Energy star rating		H	★★★★★★	★★★★★★	★★★★★★
Indoor unit			RAS-B10SKVP-E	RAS-B13SKVP-E	RAS-B16SKVP-E
Air flow (h/l)	m <sup>3</sup> /h – l/s	C	546/276 – 152/77	564/276 – 157/77	606/318 – 168/88
Sound pressure level (h/l)	dB(A)	C	42/27	43/27	45/29
Air flow (h/l)	m <sup>3</sup> /h – l/s	H	612/282 – 170/78	636/300 – 177/83	678/342 – 188/95
Sound pressure level (h/l)	dB(A)	H	43/27	44/27	45/29
Dimensions (h x w x d)	mm		250 x 790 x 208	250 x 790 x 208	250 x 790 x 208
Weight	kg		9	9	9
Outdoor unit			RAS-10SAVP-E	RAS-13SAVP-E	RAS-16SAVP-E
Air flow	m <sup>3</sup> /h – l/s		2148 – 597	2406 – 668	2406 – 668
Sound pressure level	dB(A)	C	46	48	49
Sound power level	dB(A)	C	59	61	62
Operating range	°C	C	-10 ÷ 46	-10 ÷ 46	-10 ÷ 46
Sound pressure level	dB(A)	H	47	50	50
Sound power level	dB(A)	H	60	63	63
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		38	38	38
Compressor type			DC Twin Rotary	DC Twin Rotary	DC Twin Rotary
Flare connections					
Gas	in		3/8	3/8	1/2
Liquid	in		1/4	1/4	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
Electrical connection to			Outdoor	Outdoor	Outdoor
Power supply	V-ph-Hz		220/240-1-50	220/240-1-50	220/240-1-50
Recommended power cable size	mm <sup>2</sup>		2.5	2.5	2.5
Interconnecting cable - no. an size	mm <sup>2</sup>		4 / 1.0	4 / 1.0	4 / 1.0

C = cooling mode  
H = heating mode

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All features and specifications subject to change without prior notice.

Note: All images provided in this catalogue are used for illustration purposes only.

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Equipment rated in accordance with MEPS AS3823.3 2007

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