

Technical specifications heat pump

Outdoor unit			RAS-B10UFV-A	RAS-B13UFV-A	RAS-B16UFV-A	RAS-B18UFV-A
Indoor unit			RAS-10SAVR-A	RAS-13SAVR-A2	RAS-16UAVR-A	RAS-18SAV2-A
Cooling capacity	kW	C	2.4	3.5	4.5	4.9
Cooling range (min. – max.)	kW	C	(1.1 - 3.1)	(1.1 - 4.1)	(1.0 - 5.7)	(1.0 - 5.7)
Power input (min – rated – max.)	kW	C	0.60 (0.23 - 0.82)	1.02 (0.23 - 1.35)	1.45 (0.20 - 1.95)	1.63 (0.20 - 1.95)
EER	W/W		4.0	3.43	3.10	3.01
Energy star rating prior before Apr 2010		C	★★★★★★	★★★★★★	★★★★	★★★★
Energy star rating from Apr 2010		C	★★★	★★	★★	★
Heating capacity	kW	H	3.2	4.1	5.0	5.8
Heating range (min. – max.)	kW	H	(1.0 - 4.8)	(1.0 - 5.4)	(1.1 - 6.3)	(1.1 - 6.3)
Power input (min – rated – max.)	kW	H	0.75 (0.18 - 1.40)	1.16 (0.18 - 1.70)	1.43 (0.20 - 2.20)	1.81 (0.20 - 2.20)
COP	W/W		4.27	3.53	3.50	3.20
Energy star rating prior before Apr 2010		H	★★★★★★	★★★★★★	★★★★★★	★★★★
Energy star rating from Apr 2010		H	★★★★	★★	★★	★★
Indoor unit			RAS-B10UFV-A	RAS-B13UFV-A	RAS-B16UFV-A	RAS-B18UFV-A
Air flow	m ³ /h	C	468	510	600	600
Sound pressure level (h/m/l)	dB(A)	C	39 / 32 / 26	41 / 33 / 27	46 / 40 / 34	46 / 40 / 34
Sound power level	dB(A)	C	54	55	61	61
Air flow	m ³ /h	H	510	552	642	642
Sound pressure level (h/m/l)	dB(A)	H	39 / 32 / 26	42 / 33 / 29	46 / 40 / 34	46 / 40 / 34
Sound power level	dB(A)	H	54	55	61	61
Dimensions (h x w x d)	mm		600 x 700 x 220	600 x 700 x 220	600 x 700 x 220	600 x 700 x 220
Weight	kg		16	16	16	16
Outdoor unit			RAS-10SAVR-A	RAS-13SAVR-A2	RAS-16UAVR-A	RAS-18SAV2-A
Air flow	m ³ /h l/s		1800 - 500	2250 - 625	2160 - 600	2160 - 600
Sound pressure level	dB(A)	C	46	48	49	49
Sound power level	dB(A)	C	59	61	64	64
Operating range	°C	C	-10 ÷ 46	-10 ÷ 46	-10 ÷ 46	-10 ÷ 46
Sound pressure level	dB(A)	H	47	50	50	50
Sound power level	dB(A)	H	60	63	65	65
Operating range	°C	H	-15 ÷ 24	-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	550 x 780 x 290
Weight	kg		35	33	41	41
Compressor type			Single Rotary DC Inverter	Single Rotary DC Inverter	DC Twin Rotary Inverter	DC Twin Rotary Inverter
Flare connections - gas			3/8"	3/8"	1/2"	1/2"
Flare connections - liquid	in		1/4"	1/4"	1/4"	1/4"
Minimum pipe length	m		3	3	5	5
Maximum pipe length	m		20	20	20	20
Maximum height difference	m		10	10	10	10
Chargeless pipe length	m		15	15	15	15
Power supply	V-ph-Hz		220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50

C = cooling mode
H = heating mode

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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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