

### Technical specifications heat pump

Outdoor unit			RAS-10SAVR-A	RAS-13SAVR-A2	RAS-16SAVR-A	RAS-18SAV2-A	RAS-22SAV2-A
Indoor unit			RAS-10SKVR-A	RAS-13SKVR-A	RAS-16SKVR-A	RAS-18SKVR-A	RAS-22SKVR-A
Cooling capacity	kW		2.5	3.5	4.5	5.0	6.0
Cooling range (min. – max.)	kW		1.1 – 3.1	0.8 – 4.1	0.8 – 5.0	1.1 – 6.0	1.2 – 6.7
Power input (min. – rated – max.)	kW	C	0.250 – 0.598 – 0.820	0.150 – 1.000 – 1.250	0.150 – 1.395 – 1.720	0.180 – 1.420 – 2.000	0.200 – 1.995 – 2.650
EER	W/W		4.18	3.50	3.23	3.52	3.01
Energy Star Rating		C	★★★★★★	★★★★★★	★★★★★	★★★★★★	★★★★★
Annual energy consumption	kW.hr		299	500	698	710	998
Heating capacity	kW		3.2	4.2	5.5	5.8	7.0
Heating range (min. – max.)	kW		0.9 – 4.8	0.9 – 5.8	0.9 – 6.9	0.8 – 6.3	1.0 – 7.5
Power input (min. – rated – max.)	kW	H	0.170 – 0.750 – 1.400	0.150 – 1.080 – 1.640	0.150 – 1.520 – 1.980	0.140 – 1.560 – 1.700	0.180 – 2.050 – 2.210
COP	W/W		4.27	3.89	3.62	3.72	3.41
Energy Star Rating		H	★★★★★★	★★★★★★	★★★★★	★★★★★★	★★★★★
Indoor unit			RAS-10SKVR-A	RAS-13SKVR-A	RAS-16SKVR-A	RAS-18SKVR-A	RAS-22SKVR-A
Air flow (max.)	m <sup>3</sup> /h – l/s	C	515 – 143	540 – 150	686 – 191	942 – 262	1062 – 295
Sound pressure level (high/low/quiet)	dB(A)	C	38/26/23	39/26/23	45/30/27	44/32/29	47/35/32
Air flow (max)	m <sup>3</sup> /h – l/s	H	571 – 159	614 – 171	735 – 204	972 – 270	1080/300
Sound pressure level (high/low/quiet)	dB(A)	H	39/28/25	40/28/25	45/31/28	44/32/29	47/35/32
Dimensions (h x w x d)	mm		275 x 790 x 205	275 x 790 x 205	275 x 790 x 205	320 x 1050 x 228	320 x 1050 x 228
Weight	kg		9.0	9.0	9.0	13.0	13.0
Outdoor unit			RAS-10SAVR-A	RAS-13SAVR-A2	RAS-16SAVR-A	RAS-18SAV2-A	RAS-22SAV2-A
Air flow	m <sup>3</sup> /h – l/s		1800 – 500	2250 – 625	2160 – 600	1914 – 532	2232 – 620
Sound pressure level	dB(A)	C	46	48	49	49	52
Sound power level	dB(A)	C	59	61	62	64	67
Operating range	°C	C	-10 ÷ 46	-10 ÷ 46	-10 ÷ 46	-10 ÷ 46	-10 ÷ 46
Sound pressure level	dB(A)	H	47	50	50	50	51
Sound power level	dB(A)	H	60	63	63	65	66
Operating range	°C	H	-15 ÷ 24	-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	550 x 780 x 290
Weight	kg		35	35	39	39	40
Compressor type			DC Rotary	DC Twin Rotary	DC Twin Rotary	DC Twin Rotary	DC Twin Rotary
Flare connections - gas	in		3/8	3/8	1/2	1/2	1/2
Flare connections - liquid	in		1/4	1/4	1/4	1/4	1/4
Minimum pipe length	m		2	2	2	5	5
Maximum pipe length	m		20	20	20	20	20
Maximum height difference	m		10	10	10	10	10
Chargeless pipe length	m		15	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	220-240/1/50
Electrical connection to / Recommended cable size	mm <sup>2</sup>		Outdoor / 2.5	Outdoor / 2.5	Outdoor / 2.5	Outdoor / 2.5	Outdoor / 2.5
Interconnecting wires - no. and size	mm <sup>2</sup>		4 / 1.0	4 / 1.0	4 / 1.0	4 / 1.0	4 / 1.0

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

Toshiba Air Conditioning (New Zealand)  
 Sales and Service 0800 773399  
 60 Stanley Street, Parnell, Auckland  
 Tel: 09 3556720 Fax: 09 3556735  
 87 Gasson Street, Christchurch  
 Tel: 03 3790894 Fax: 03 3790897  
 Cnr Jarden Mile & McCormack Place,  
 Ngauranga, Wellington  
 Tel: 04 4735990 Fax: 04 4735988

