

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 ³ /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 ³ /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 ³ /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 ²		2.5	2.5	2.5
Interconnecting cable - no. an size	mm ²		4 / 1.0	4 / 1.0	4 / 1.0

C = cooling mode
H = heating mode

TOSHIBA
Leading Innovation >>>

Notice: Toshiba is committed to continuously improving its product to ensure the highest quality and reliability standards, and to meet local regulations and market requirements.

All features and specifications subject to change without prior notice.

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

Date: April 2010

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

