

TOSHIBA

Residential



Super Daiseikai SKVP Inverter high-wall

Features

The third generation of Daiseikai provides the highest energy saving and unmatched IAQ with Ag Plasma Purifier air filtration. The new modern design integrates perfectly with any environment.

Key features

Lowest energy consumption with 5,1 COP in cooling (size 10).

Ag Plasma air purifier: doesn't need cleaning since its deodorising effect gets constantly regenerated.

New, modern aesthetic.

Self-cleaning with low density Ozone will eliminate all bacteria normally remaining after operation.

DC Hybrid Inverter technology with Twin Rotary compressor.

Special version for very cold climate: electric heater in CDU base pan and possibility of setting down to 8 °C in heating.



Residential

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		2,5	3,5	4,5
Cooling range (min. – max.)	kW		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		5,10	4,12	3,33
Energy efficiency class		C	A	A	A
Annual energy consumption	kWh		245	425	675
Heating capacity	kW		3,2	4,2	5,5
Heating range (min. – max.)	kW		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		5,08	4,42	3,69
Energy efficiency class		H	A	A	A
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
Sound power level (h/l)	dB(A)	C	57/42	58/42	60/44
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
Sound power level (h/l)	dB(A)	H	58/42	59/42	60/45
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 ÷ 43	–10 ÷ 43	–10 ÷ 43
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	4/8
Liquid	in		2/8	2/8	2/8
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	220/240-1-50	220/240-1-50

PRELIMINARY DATA

C = cooling mode
H = heating mode

heat pump

cooling only

	B10SKVP-E	B13SKVP-E	B16SKVP-E	-	-	-
Indoor units						
MONOSPLIT Outdoor units	10SAVP-E	13SAVP-E	16SAVP-E	-	-	-
Indoor units	B10SKVP-E	B13SKVP-E	B16SKVP-E	M10GKVP-E	M13GKVP-E	M16GKVP-E