

TOSHIBA

Residential



SKV Inverter high-wall

Features

The most silent indoor units in its category. Discreet and unobtrusive, it delivers high energy efficiency and complete air purification, thanks to the 7 in 1 filtering solution.

Key features

DC Hybrid Inverter technology with PAM and PWM. A energy class in cooling and heating.

Extremely low noise, for both indoor and outdoor units, to satisfy the most demanding specification.

Double anti Oxidant with 7 in 1 purification.

One-touch Personal comfort: preset ideal comfort parameters.

New modern design with easy to clean flat panel. Size 10 is the smallest in its category.



Residential

Technical specifications heat pump

Outdoor unit			RAS-10SAV-E	RAS-13SAV-E	RAS-16SAV-E
Indoor unit			RAS-10SKV-E	RAS-13SKV-E	RAS-16SKV-E
Cooling capacity	kW		2,5	3,5	4,5
Cooling range (min. – max.)	kW		1,1 – 3,0	1,1 – 4,0	0,8 – 5,0
Power input (min. – rated – max.)	kW	C	0,255 – 0,750 – 0,965	0,250 – 1,070 – 1,330	0,150 – 1,595 – 1,900
EER	W/W		3,33	3,27	2,82
Energy efficiency class		C	A	A	C
Annual energy consumption	KWh		375	535	798
Heating capacity	kW		3,2	4,2	5,3
Heating range (min. – max.)	kW		0,9 – 4,1	0,9 – 5,0	0,9 – 6,2
Power input (min. – rated – max.)	kW	H	0,200 – 0,860 – 1,200	0,170 – 1,130 – 1,480	0,150 – 1,550 – 1,810
COP	W/W		3,72	3,72	3,42
Energy efficiency class		H	A	A	B
Indoor unit			RAS-10SKV-E	RAS-13SKV-E	RAS-16SKV-E
Air flow (max)	m ³ /h – l/s	C	522 – 145	563 – 156	691 – 192
Sound pressure level (h/l)	dB(A)	C	38/29	39/26	45/30
Sound power level (h/l)	dB(A)	C	51/42	52/39	58/43
Air Flow (max)	m ³ /h – l/s	H	576 – 160	630 – 175	743 – 206
Sound pressure level (h/l)	dB(A)	H	40/30	40/28	45/31
Sound power level (h/l)	dB(A)	H	53/43	53/41	58/44
Dimensions (h x w x d)	mm		250 x 740 x 195	275 x 790 x 205	275 x 790 x 205
Weight	kg		8,0	9,0	9,0
Outdoor unit			RAS-10SAV-E	RAS-13SAV-E	RAS-16SAV-E
Air flow	m ³ /h – l/s		1620 – 450	2100 – 583	2100 – 583
Sound pressure level (h/l)	dB(A)	C	48	48	49
Sound power level (h/l)	dB(A)	C	61	61	62
Operating range	°C	C	15 ÷ 43	-10 ÷ 46	-10 ÷ 46
Sound pressure level (h/l)	dB(A)	H	50	50	50
Sound power level (h/l)	dB(A)	H	63	63	63
Operating range	°C	H	-10 ÷ 24	-15 ÷ 24	-15 ÷ 24
Dimensions (h x w x d)	mm		550 x 660 x 240	550 x 780 x 290	550 x 780 x 290
Weight	kg		29	35	35
Compressor type			DC Rotary	DC Rotary	DC Rotary
Flare connections – gas	in		3/8	3/8	1/2
Flare connections – liquid	in		1/4	1/4	1/4
Minimum pipe length	m		1	1	1
Maximum pipe length	m		10	20	20
Maximum height difference	m		8	10	10
Chargeless pipe length	m		10	15	15
Power supply	V-ph-Hz		220-240/1/50	220-240/1/50	220-240/1/50

C = cooling mode
H = heating mode