

R-410A

DC HYBRID INVERTER

SINGLE/MULTI-SPLIT

AIR PURIFICATION



SKV Inverter high-wall

A class in cooling and heating

7 in 1 filtering solution

Auto-diagnosis and self-cleaning functions

Modern design with flat panel

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 (only 20 dB(A)).

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.



Technical specifications heat pump

			RAS-10SAV-E	RAS-13SAV-E	RAS-16SAV-E
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

heat pump

cooling only

		B10SKV-E	B13SKV-E	B16SKV-E	-	-	-
Indoor units		B10SKV-E	B13SKV-E	B16SKV-E	-	-	-
MONOSPLIT Outdoor units		10SAV-E	13SAV-E	16SAV-E	-	-	-
Indoor units		B10SKV-E	B13SKV-E	B16SKV-E	M10SKCV-E	M13SKCV-E	M16SKCV-E
MULTISPLIT Outdoor units (2 rooms)		M14GAV-E	M14GAV-E	-	M14GACV-E	M14GACV-E	-
(2 rooms)		M18GAV-E	M18GAV-E	M18GAV-E	M18GACV-E	M18GACV-E	M18GACV-E
(3 rooms)		3M18SAV-E	3M18SAV-E	3M18SAV-E	3M18SACV-E	3M18SACV-E	3M18SACV-E
(3 rooms)		3M26GAV-E	3M26GAV-E	3M26GAV-E	3M23GACV-E	3M23GACV-E	3M23GACV-E
(4 rooms)		4M23SAV-E	4M23SAV-E	4M23SAV-E	4M23SACV-E	4M23SACV-E	4M23SACV-E
(4 rooms)		4M27GAV-E	4M27GAV-E	4M27GAV-E	4M27GACV-E	4M27GACV-E	4M27GACV-E