KITE SERIES

From the top of the world

ASH-09AIK
ASH-13AIK
ASH-18AIK
ASH-24AIK

Energy class A++ / A+
3-year warranty
R410a environmentally friendly
Easy removable dust filter
Hidden display and IR receiver
Optional WiFi, wired controller
Optional alarm port, on/off port
Easy installation and maintenance with all compact front panel
Standard filter - carbon SAF-OPWK

NETHOME PLUS APP

WIFI MODULE SWM-01 CAN BE INBUILD TO THE INDOOR UNIT, WITH WHICH THE AIR CONDITIONER CAN BE CONTROLLED BY IOS OR ANDROID PHONE / TABLET.

OPTIONAL ACCESSORIES

KJR-120G

KJR-12B

SWM-01

SPB-01, SPB-02

Check page 5 for more information about optional healthy filters and page 52-53 for more information about optional controllers.

DC INVERTER

TECHNICAL PARAMETERS

MODEL			ASH-09AIK	ASH-13AIK	ASH-18AIK	ASH-24AIK
Capacity cooling / heating	kW		2,6 (1,2-3,3) / 2,9 (0,8-3,7)	3,5 (1,3-4,5) / 3,8 (1,1-4,9)	5,3 (1,9-6,1) / 5,6 (1,4-6,7)	7,0 (2,7-7,9) / 7,6 (2,1-9,1)
Power supply	Hz / V		1~ / 50 / 220-240	1~ / 50 / 220-240	1~ / 50 / 220-240	1~ / 50 / 220-240
	Unit		Outdoor	Outdoor	Outdoor	Outdoor
Power input cooling / heating	W		816 / 811	1153 / 1055	1633 / 1500	2306 / 2302
Rated power input	W		2075	2200	2550	3700
Power current cooling / heating	A		3,5 / 3,5	5,0 / 4,6	7,1 / 6,5	10,0 / 10,0
Rated power current	A		9,5	10,0	11,5	17,0
SEER / SCOP			6,8 / 4,1	6,7 / 4,2	6,8 / 4,2	6,4 / 4,0
Energy class Cooling/ Heating (average)			A++ / A+	A++ / A+	A++ / A+	A++ / A+
Air flow	ID	m^3/h	472/ 360/ 254	563/ 497/ 224	870/ 730/ 500	1176/ 921/ 446
	OD	m^3/h	1900	2000	2100	2700
Sound pressure level	ID	dB(A)	40/ 35/ 28/20	41/ 40/ 33/ 24	45 /43 /34/ 27	47 /45 /35 /28
	OD	dB(A)	55	56	58	61
Dehumidifying volume	l/h		1,0	1,2	1,7	2,3
Refrigerant type / charge	Type / kg / t eq.CO_2		R410A / 0,80 / 1,67	R410A / 0,95 / 1,98	R410A / 1,48 / 3,09	R410A / 2,00 / 4,18
Pipe diameter	Liquid side	inch / mm	¼ / 6,4	¼ / 6,4	¼ / 6,4	⅜ / 9,5
	Gas side	inch / mm	⅜ / 9,5	⅜ / 9,5	½ / 12,7	⅝ / 15,9
Standard pipe length	m		5	5	5	5
Min. / Max. pipe length	m		3 / 25	3 / 25	3 / 30	3 / 50
Max. elevation / Drop height	m		10	10	20	25
Additional refrigerant	g/m		15	15	15	30
Dimension (w x h x d)	ID	mm	716x300x193	804x300x193	964x325x222	1106x342x232
	OD	mm	770x555x300	800x554x333	800x554x333	845x702x363
Package dimension (w x h x d)	ID	mm	785x375x285	875x375x285	1045x405x305	1195x420x315
	OD	mm	900x585x345	920x615x390	920x615x390	965x755x395
Net/gross weight	ID	kg	7,0 / 9,3	7,7 / 10,2	10,1 / 13,6	13,2 / 17,0
	OD	kg	26,6 / 29,0	29,1 / 31,9	37,8 / 40,5	48,4 / 51,6
Set temperature range	ºC		17 ~ 32	17 ~ 32	17 ~ 32	17 ~ 32
Operating temperature range	Cooling	ºC	-15 ~ 50	-15 ~ 50	-15 ~ 50	-15 ~ 50
	Heating	ºC	-15 ~ 30	-15 ~ 30	-15 ~ 30	-15 ~ 30
Optional healthy filters	Model		SAF-OPWK, SAF-OPWA3, SAF-OPWB3, SAF-OPWS3, SAF-OPWE3, SAF-OPWP3			

The specification of products is subject to change based on further development of the units by the producer and can be changed without prior notice. Refer to rating label. Data are based on following conditions:
Length of connection pipe: 5m. Cooling: indoor temperature 27ºC DB/19ºC WB, outdoor temperature 35ºC DB/24ºC WB. Heating condition: indoor temperature 20ºC DB/15ºC WB, outdoor temperature 7ºC DB/6ºC WB.
SEER/SCOP was calculated according to European standards contained in EN14825 for average season, based on part load classifying and testing conditions given by norm EN14511. Energy label can be downloaded from Sinclair product web page after B2B login. Contains fluorinated greenhouse gases covered by the Kyoto Protocol. R410A (50% HFC-32, 50% HFC-125), GWP of refrigerant used: 2088. Noise is tested in the semi-anechoic room, so it should be slightly higher in the actual Operation due to environmental change. Power input is tested under standard condition.