

RESIDENTIAL AND COMMERCIAL R410A



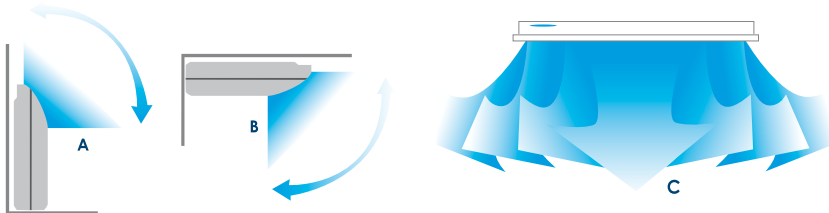
FLOOR / CEILING



HSFI 530-710- 080-1400-1600 ZA1



Remote control (standard)



Flexible installation: Ceiling model can be installed even at the corners of the ceiling whenever it is not possible to install the unit in the middle of the room due to obstacles

Main features:

5 power levels: 5.38~15.85 kW.

Setting for dual type of installation (floor or ceiling).

Vertical delivery louvre oscillation both with floor installation and with ceiling installation and with a wide air distribution angle.

Terminal for on/off from remote and alarm remoting.

Room temperature probe compensation setting in heating (on control board).

Fan operating parameters setting in heating.

Turbo function, for heating and cooling the room quickly.

Hybrid indoor unit, compatible with gas R410A and R32.

Indoor unit model			HSFI 530 ZA1	HSFI 710 ZA1	HSFI 1080 ZA1	HSFI 1400 ZA1	HSFI 1600 ZA1
Outdoor unit model			HCKI 531 XA	HCKI 711 XA	HCSI 1081 XA	HCSI 1401 XA	HCSI 1601 XA
Type			FULL DC-Inverter	FULL DC-Inverter	FULL DC-Inverter	FULL DC-Inverter	FULL DC-Inverter
Rated capacity (T=+35°C)	Cool.	W	5380(790~6150)	7300(1200~8210)	10580(2930~12020)	14000(4100~16410)	15850(4980~18110)
Rated absorbed power (T=+35°C)	Cool.	W	1660(270~2365)	2700(400~3155)	4600(975~4620)	5645(1370~6310)	6390(1660~6965)
Annual energy consumption	Cool.	kWh/a	285	402	602	803	918
Seasonal energy efficiency class	Cool.	626/20111	A++	A++	A++	A++	A++
Seasonal energy efficiency index	Cool.	SEER2	6.50	6.10	6.10	6.10	6.10
Theoretical load (Pdesignc)	Cool.	kW	5.30	7.00	10.50	14.00	16.00
Rated capacity (T=+7°C)	Heat.	W	5800(880~7030)	7400(1200~8650)	11900(2640~13190)	15500(4400~18460)	18400(5280~20510)
Rated absorbed power (T=+7°C)	Heat.	W	1550(255~2510)	1990(400~3090)	3200(880~4690)	4820(1465~6590)	4970(1760~7320)
Annual energy consumption	Heat.	kWh/a	1330	1855	3605	4130	4200
Energy efficiency class (average season)	Heat.	626/20111	A+	A+	A+	A+	A+
Seasonal energy efficiency class index (average season)	Heat.	SCOP2	4.0	4.0	4.0	4.0	4.0
Theoretical load (Pdesignh)	Heat.	kW	5.2	5.60	10.50	11.60	12.20
Power	Ph-V-Hz		1-220~240V-50HZ	1-220~240V-50HZ	3-380~400V-50HZ	3-380~400V-50HZ	3-380~400V-50HZ
	IU~OU		OU	OU	OU	OU	OU
Absorbed current (MAX)	A		11.5	14.4	10.0	13	14
Connection wires IU/OU (not including earthing)	no.		4 (2 of which shielded)	4 (2 of which shielded)	4 (2 of which shielded)	4 (2 of which shielded)	4 (2 of which shielded)
Refrigerant circuit							
Diameter of refrigerant piping on liquid/gas side	mm/inches		ø 6.35(1/4") - ø 12.74(1/2")	ø 9.52(3/8") - ø 15.88(5/8")	ø 9.52(3/8") - ø 15.88(5/8")	ø 9.52(3/8") - ø 15.88(5/8")	ø 9.52(3/8") - ø 15.88(5/8")
Max. splitting length I.U./O.U.	m		30	50	65	65	65
Max. splitting height difference IU/OU	m		20	25	30	30	30
Refrigerant (GWP) ⁴			R410A(2088)	R410A(2088)	R410A(2088)	R410A(2088)	R410A(2088)
Quantity refrigerant pre-load	Kg		1.48	1.95	3.20	4.00	4.30
Splitting length without additional load	m		5	5	5	5	5
Additional load	g/m		15	30	30	30	30
Operating limit range in cool.	°C		-15°C ~ +50°C	-15°C ~ +50°C	-15°C ~ +50°C	-15°C ~ +50°C	-15°C ~ +50°C
Operating limit range in heat.	°C		-15°C ~ +24°C	-15°C ~ +24°C	-15°C ~ +24°C	-15°C ~ +24°C	-15°C ~ +24°C
Specifications of indoor units							
Indoor unit	Dimensions (LxHxD)	mm	1068x235x675	1068x235x675	1650x235x675	1650x235x675	1650x235x675
	Net weight	Kg	26.6	26.8	39	41.2	41.4
Sound pressure level - Indoor U.	Hi/Mi/Lo	dB(A)	45/40/37	50/46/41	51/47/42	54/50/46	54/47/42
Sound power level - Indoor U.	Hi	dB(A)	57	63	63	67	71
Treated air (High / Med. / Low)	m ³ /h		902/786/677	1208/1066/853	2160/1844/1431	2329/1930/1417	2454/1834/1426
Outside diameter of condensate drain	mm		ø 25	ø 25	ø 25	ø 25	ø 25
Remote control (supplied)	type		Remote interactive (R.I.) remote control	Remote interactive (R.I.) remote control	Remote interactive (R.I.) remote control	Remote interactive (R.I.) remote control	Remote interactive (R.I.) remote control
Specifications of outdoor units							
Outdoor unit	Dimensions (LxHxD)	mm	800x554x333	845	946x810x410	952x1333x410	952x1333x410
	Net weight	Kg	35.5	49	78.9	108.1	112.8
Sound pressure level - Outdoor U.		dB(A)	56.5	60.5	62	65	62.5
Sound power level - Outdoor U.		dB(A)	65	65	69	73	75
Max air treated	m ³ /h		2100	2700	4300	6800	7200
Optional parts							
Wired remote control					YES		
Centralised control					YES		
Wi-Fi module					Possible via XRV Mobile BMS		

1 EU Delegated Regulation No. 626/2011 on the new labelling indicating the energy consumption of air conditioners. 2 EU Regulation No. 206/2012 -- Value measured according to harmonised standard EN14825. 4 Refrigerant leakage contributes to climate change. When released into the atmosphere, refrigerants with a lower global warming potential (GWP) contribute less to global warming than those with a higher GWP. This appliance contains a refrigerant with a GWP of 2088. If 1 kg of this refrigerant fluid were released into the atmosphere, therefore, the impact on global warming would be 2088 times higher than 1 kg of CO₂ over a period of 100 years. Under no circumstances should the user try to intervene on the refrigerant circuit or disassemble the product. Always contact qualified personnel if necessary.