

RESIDENTIAL AND COMMERCIAL R410A

CONSOLE

HFUI 350 ZAL



4 air distribution inlets for increased system energy efficiency

Infrared remote control



Main features

1 power level: 3.52 kW.

Seasonal energy efficiency class in cooling/heating mode: A++/A+.

SEER/SCOP values up to 6.1/4.0.

Operating range in cooling and heating: -15-50° C; -15-24° C.

Compact design, depth of only 210 mm.

Double air distribution mode.

Anti-formaldehyde filter supplied.

Split length: 25 m.

Maximum height difference between O.U. and I.U.: 10 m.



Indoor unit model			HFUI 350 ZAL
Outdoor unit model			HCKI 351 XA-1
Type			FULL DC-Inverter heat pump
Control			Remote control
Rated capacity (T=+35°C)	Cooling	kW	3.52 (0.77~3.81)
Rated absorbed power (T=+35°C)		kW	1.21 (0.17~1.84)
Rated energy efficiency coefficient		EER ³	2.91
Seasonal energy efficiency class		626/2011 ¹	A++
Seasonal energy efficiency index		SEER ²	6.1
Annual energy consumption		kWh/a	201
Theoretical load (Pdesignc)	Heating	kW	3.5
Rated capacity (T=+7°C)		kW	3.81 (0.46~4.34)
Rated absorbed power (T=+7°C)		kW	1.10 (0.15~1.47)
Rated energy performance coefficient		COP ³	3.46
Energy efficiency class (intermediate climate season)		626/2011 ¹	A+
Seasonal energy efficiency index (intermediate climate season)		SCOP ²	4.0
Annual energy consumption	kWh/a	1015	
Theoretical load (Pdesignh)	Cooling	°C	-15~50
Operating limits (external temperature)		Heating	°C
Electrical data			
Power	Outdoor unit	Ph-V-Hz	1-220~240V-50HZ
Power cable		Type	3 x 2.5 mm ²
Absorbed current (rated)	Cooling	A	5.5 (1.4~8.1)
	Heating	A	4.8 (1.2~6.5)
Maximum current		A	9
Maximum absorbed power		kW	1.90
Connection wires between I.U. and O.U.		no.	4
Refrigerant circuit			
Refrigerant (GWP) ⁴			R410A (2088)
Quantity refrigerant pre-load	Kg		1.05
Tons of CO2 equivalent	t		2.192
Diameter of refrigerant piping on liquid/gas	mm (inches)		ø6.35(1/4") - ø9.52(3/8")
Max. splitting length	m		25
Max height difference I.U./O.U.	m		10
Splitting length without additional load	m		5
Additional load	g/m		15
Indoor unit specifications			
Dimensions	LxDxH	mm	700x600x210
	Net weight	Kg	14.8
Sound pressure level (I.U.)	Hi/Mi/Lo	dB(A)	43/41.5/35
Sound power level (I.U.)	Hi	dB(A)	58
Handled air volume	Hi/Mi/Lo	m ³ /h	512/480/370
Motor power (Output)		W	67
Outside diameter of condensate drain		mm	ø16
Specifications of outdoor units			
Dimensions	LxDxH	mm	800x333x554
	Net weight	Kg	29.9
Sound pressure level (O.U.)		dB(A)	56
Sound power level (O.U.)		dB(A)	62
Handled air (Max)		m ³ /h	2000
Motor power (Output)		W	1 x 63
Optional parts			
Wired remote control			YES
Manual centralized control	Requires NIM-GRH interface		YES
Wi-Fi centralized control			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. 3 Value measured according to harmonised standard EN14511. 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 cooling fluid with a 2088 GWP. If 1 kg of this refrigerant was released into the atmosphere, then the impact on global warming would be 2088 times higher than 1 kg of CO2, for a period of 100 years. In no case should the user try to intervene on the refrigerant circuit or to disassemble the product. If necessary, always contact qualified personnel.