FLOOR/CEILING

TWO TYPES OF INSTALLATION

New design and ease of control, elegant and slim profile.

Large air distribution grille with aerodynamic flaps to ensure fast operation and reduce noise levels.

OPERATION

-15~**52°**C
in cooling

-15~24°C
in heating

PERFORMANCE & INCENTIVES

MODEL	SEER	SCOP	ECO BONUS*	BONUS CASA*	CONTO TERMICO 2.0*
5.30 kW	6.20	4.20	✓	✓	✓
7.03 kW	6.20	4.00	✓	✓	✓

* For Italian market only.

HSFDM 530 ZAL | HSFDS 710 ZA

Remote control included

-15~52° C in cooling
-15~24° C in heating

Double installation possibility, floor or ceiling

The increased air flow allows for better air conditioning even in the largest rooms

Indoor unit model			**HSFDM 530 ZAL**	**HSFDS 710 ZA**
Outdoor unit model			**HCKDS 530 ZA**	**HCKDS 710 ZA**
Type			DC-Inverter heat pump	
Control (supplied)			Remote control	
Nominal data				
Nominal capacity (T=+35°C)	Cooling	kW	5.30 (1.60~6.00)	7.03 (2.16~8.20)
Nominal absorbed power (T=+35°C)		kW	1.55 (0.48~2.30)	2.15 (0.67~3.30)
Nominal energy efficiency coefficient		EER[1]	3.42	3.27
Nominal capacity (T=+7°C)	Heating	kW	5.70 (1.40~7.20)	7.62 (1.98~9.30)
Nominal absorbed power (T=+7°C)		kW	1.52 (0.47~2.40)	2.05 (0.65~3.30)
Nominal energy performance coefficient		COP[1]	3.75	3.72
Seasonal data				
Theoretical load (Pdesignc)	Cooling	kW	5.40	7.20
Seasonal energy efficiency index		SEER[2]	6.20	6.20
Seasonal energy efficiency class		626/2011[3]	A++	A++
Annual energy consumption		kWh/y	303	404
Theoretical load (Pdesignh) @ -10°C	Heating (average weather conditions)	kW	4.50	5.50
Seasonal energy efficiency index		SCOP[2]	4.20	4.00
Seasonal energy efficiency class		626/2011[3]	A+	A+
Annual energy consumption		kWh/y	1500	1897
Electrical data				
Power supply	Outdoor unit	Ph-V-Hz	1Ph - 220/240V - 50Hz	
Power cable		Type	3 x 2.5 mm^2	3 x 4 mm^2
Wiring between I.U. and O.U.		no.	4	4
Nominal absorbed electric current	Cooling	A	6.70 (2.10~10.00)	9.30 (2.90~14.40)
	Heating	A	6.60 (2.00~10.40)	8.90 (2.80~14.40)
Max current		A	12.00	16.00
Max absorbed power		kW	2.40	3.65
Refrigerant circuit data				
Refrigerant[4]		Type (GWP)	R32 (675)	
Q.ty of refrigerant pre-charge		Kg	1.03	1.45
Tons of CO2 equivalent		t	0.695	0.979
Liquid/gas refrigerant pipe diameter		mm (inches)	6.35(1/4") / 12.74(1/2")	9.52(3/8") / 15.88(5/8")
Max split length		m	30	50
Max difference in height U.I./U.E.		m	20	25
Split length without additional charge		m	5	5
Additional charge		g/m	30	50
Indoor unit specifications				
Dimensions	LxDxH	mm	1000x690x235	1280x690x235
Net weight		Kg	28	34
Sound power level	Erp test	dB(A)	52	54
Sound pressure level	Hi/Mi/Lo	dB(A)	40/35/33	42/38/35
Treated air volume	Hi/Mi/Lo	m^3/h	900/720/600	1230/1020/840
Outdoor unit specifications				
Dimensions	LxDxH	mm	785x300x555	900x350x700
Net weight		Kg	29	43
Sound power level	Erp test	Erp test	65	70
Sound pressure level		dB(A)	55	58
Treated air volume	Max	m^3/h	2600	4200
Operating limits (outdoor temperature)	Cooling	°C	-15~52	
	Heating	°C	-15~24	
Optional parts				
Wired control			WCD-05	

1. Value measured according to the harmonised standard EN14511. 2. EU Regulation No. 206/2012 - - Value measured according to the harmonised standard EN14825. 3. EU Delegated Regulation No. 626/2011 on the new energy consumption labelling of air conditioners. 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 675. Therefore, if 1 kg of this refrigerant were released into the atmosphere, the impact on global warming would be 675 times higher than 1 kg of CO2, over a period of 100 years. Under no circumstances should the user attempt to intervene on the refrigerant circuit or disassemble the product. In case of need, always contact qualified personnel.