CASSETTE
84x84

CASSETTE MONOSPLIT AIR CONDITIONER

The 8-way ceiling cassette combines exceptional features with sophisticated design. Offering high seasonal efficiency and advanced control options, this range is extremely flexible and uses the low GWP R32 refrigerant.

OPERATION

-15~**52°**C
in cooling

-15~24°C
in heating

PERFORMANCE & INCENTIVES

MODEL	SEER	SCOP	ECO BONUS*	BONUS CASA*	CONTO TERMICO 2.0*
7.03 kW	6.10	4.00	✓	✓	✓

* For Italian market only.

HTBDS 710 ZA

Remote control included

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

8-way panel
Condensation drain pump included

Provision for external air renewal inlet

Indoor unit model			**HTBDS 710 ZA**
Outdoor unit model			**HCKDS 710 ZA**
Type			**DC-Inverter heat pump**
Control (supplied)			Remote control
Nominal data			
Nominal capacity (T=+35°C)	Cooling	kW	7.03 (2.16~8.20)
Nominal absorbed power (T=+35°C)		kW	2.10 (0.67~3.30)
Nominal energy efficiency coefficient		EER[1]	3.35
Nominal capacity (T=+7°C)	Heating	kW	7.91 (1.98~9.30)
Nominal absorbed power (T=+7°C)		kW	2.13 (0.65~3.30)
Nominal energy performance coefficient		COP[1]	3.71
Seasonal data			
Theoretical load (Pdesignc)	Cooling	kW	7.00
Seasonal energy efficiency index		SEER[2]	6.10
Seasonal energy efficiency class		626/2011[3]	A++
Annual energy consumption		kWh/y	397
Theoretical load (Pdesignh) @ -10°C	Heating (average weather conditions)	kW	6.00
Seasonal energy efficiency index		SCOP[2]	4.00
Seasonal energy efficiency class		626/2011[3]	A+
Annual energy consumption		kWh/y	2052
Electrical data			
Power supply	Outdoor unit	Ph-V-Hz	1Ph - 220/240V - 50Hz
Power cable		Type	3 x 4.10 mm^2
Wiring between I.U. and O.U.		no.	4
Nominal absorbed electric current	Cooling	A	9.10 (2.90~14.40)
	Heating	A	9.30 (2.80~14.40)
Max current		A	16.00
Max absorbed power		kW	3.65
Refrigerant circuit data			
Refrigerant[4]		Type (GWP)	R32 (675)
Q.ty of refrigerant pre-charge		Kg	1.45
Tons of CO2 equivalent		t	0.979
Liquid/gas refrigerant pipe diameter		mm (inches)	9.52(3/8") / 15.88(5/8")
Max split length		m	50
Max difference in height U.I./U.E.		m	25
Split length without additional charge		m	5
Additional charge		g/m	50
Indoor unit specifications			
Dimensions	LxDxH	mm	840x840x246
Net weight		Kg	26
Sound power level	Erp test	dB(A)	58.5
Sound pressure level	Hi/Mi/Lo	dB(A)	46.5/45/43
Treated air volume	Hi/Mi/Lo	m^3/h	1500/1350/1200
Outdoor unit specifications			
Dimensions	LxDxH	mm	900x350x700
Net weight		Kg	43
Sound power level	Erp test	dB(A)	70
Sound pressure level		dB(A)	58
Treated air volume	Max	m^3/h	4200
Operating limits (outdoor temperature)	Cooling	°C	-15~52
	Heating	°C	-15~24
Accessories			
Decorative panel			**HTBPD 710 ZA**
Dimensions	LxDxH	mm	950x950x55
Net weight		Kg	5.3
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.