

TWIN COMBINATIONS



Indoor unit model			2 x HTBI 710 ZA
Outdoor unit model			HCSI 1401 XA-1
Type			FULL DC-Inverter heat pump
Control			Remote control
Rated capacity (T=+35°C)	Cooling	kW	14.07 (3.99~16.12)
Rated absorbed power (T=+35°C)		kW	5.39 (1.33~6.20)
Rated energy efficiency coefficient		EER ³	2.61
Seasonal energy efficiency class		626/2011 ¹	A+
Seasonal energy efficiency index		SEER ²	5.6
Annual energy consumption		kWh/a	875
Theoretical load (Pdesignc)	Heating	kW	14.0
Rated capacity (T=+7°C)		kW	16.12 (4.19~17.58)
Rated absorbed power (T=+7°C)		kW	5.36 (1.40~6.77)
Rated energy performance coefficient		COP ³	3.00
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	4025	
Theoretical load (Pdesignh)	Cooling	kW	11.5
Operating limits (external temperature)		Heating	°C
Electrical data			
Power	Indoor unit	Ph-V-Hz	1-220~240V-50HZ
	Outdoor unit		3-380~415V-50HZ
Power cable	Type		5 x 2.5 mm ²
Absorbed current (rated)	Cooling	A	9.3 (2.3~10.7)
	Heating	A	9.2 (2.1~11.7)
Maximum current	A		13
Maximum absorbed power	kW		6.77
Connection wires between each I.U. and O.U.	no.		5 (2 of which shielded)
Refrigerant circuit			
Refrigerant (GWP) ⁴			R410A (2088)
Quantity refrigerant pre-load	Kg		4.0
Tons of CO2 equivalent	t		8.352
Diameter of refrigerant piping on liquid/gas	Indoor unit	mm (inches)	ø9.52(3/8") - ø15.88(5/8")
	Outdoor unit		
Max. splitting length	m		65
Max height difference I.U./O.U.	m		30
Splitting length without additional load	m		5
Additional load	g/m		30



Indoor unit model			2 x HUCI 710 ZA
Outdoor unit model			HCSI 1401 XA-1
Type			FULL DC-Inverter heat pump
Control			Remote control
Rated capacity (T=+35°C)	Cooling	kW	13.72 (3.08~16.41)
Rated absorbed power (T=+35°C)		kW	5.03 (0.88~6.00)
Rated energy efficiency coefficient		EER ³	2.73
Seasonal energy efficiency class		626/2011 ¹	A+
Seasonal energy efficiency index		SEER ²	5.9
Annual energy consumption		kWh/a	813
Theoretical load (Pdesignc)	Heating	kW	13.7
Rated capacity (T=+7°C)		kW	16.12 (3.52~18.17)
Rated absorbed power (T=+7°C)		kW	4.35 (0.92~5.90)
Rated energy performance coefficient		COP ³	3.71
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	4025	
Theoretical load (Pdesignh)	Cooling	kW	11.5
Operating limits (external temperature)		Heating	°C
Electrical data			
Power	Indoor unit	Ph-V-Hz	1-220~240V-50HZ
	Outdoor unit		3-380~415V-50HZ
Power cable	Type		5 x 2.5 mm ²
Absorbed current (rated)	Cooling	A	8.7 (1.6~10.9)
	Heating	A	7.5 (1.7~10.7)
Maximum current	A		13
Maximum absorbed power	kW		6.10
Connection wires between each I.U. and O.U.	no.		5 (2 of which shielded)
Refrigerant circuit			
Refrigerant (GWP) ⁴			R410A (2088)
Quantity refrigerant pre-load	Kg		4.0
Tons of CO2 equivalent	t		8.352
Diameter of refrigerant piping on liquid/gas	Indoor unit	mm (inches)	ø9.52(3/8") - ø15.88(5/8")
	Outdoor unit		
Max. splitting length	m		65
Max height difference I.U./O.U.	m		30
Splitting length without additional load	m		5
Additional load	g/m		30

TWIN COMBINATIONS



Indoor unit model			HSFI 710 ZA1
Outdoor unit model			HCSI 1401 XA-1
Type			FULL DC-Inverter heat pump
Control			Remote control
Rated capacity (T=+35°C)	Cooling	kW	14.07 (4.10~16.41)
Rated absorbed power (T=+35°C)		kW	5.19 (1.37~6.31)
Rated energy efficiency coefficient		EER ³	2.71
Seasonal energy efficiency class		626/2011 ¹	A++
Seasonal energy efficiency index		SEER ²	6.1
Annual energy consumption		kWh/a	803
Theoretical load (Pdesignc)	Heating	kW	14.0
Rated capacity (T=+7°C)		kW	16.12 (4.40~18.46)
Rated absorbed power (T=+7°C)		kW	4.73 (1.47~6.59)
Rated energy performance coefficient		COP ³	3.41
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	4130	
Theoretical load (Pdesignh)		kW	11.8
Operating limits (external temperature)	Cooling	°C	-15~-50
	Heating	°C	-15~-24
Electrical data			
Power	Indoor unit	Ph-V-Hz	1-220~240V-50HZ
	Outdoor unit		3-380~415V-50HZ
Power cable		Type	5 x 2.5 mm ²
Absorbed current (rated)	Cooling	A	9.0 (2.4~10.9)
	Heating	A	8.2 (2.5~11.4)
Maximum current		A	13
Maximum absorbed power		kW	6.59
Connection wires between each I.U. and O.U.		no.	5 (2 of which shielded)
Refrigerant circuit			
Refrigerant (GWP) ⁴			R410A (2088)
Quantity refrigerant pre-load		Kg	4.0
Tons of CO ₂ equivalent		t	8.352
Diameter of refrigerant piping on liquid/gas	Indoor unit	mm (inches)	ø9.52(3/8") - ø15.88(5/8")
	Outdoor unit		
Max. splitting length		m	65
Max height difference I.U./O.U.		m	30
Splitting length without additional load		m	5
Additional load		g/m	30

For the specifications of the units, the connectable accessories and the optional parts, refer to the tables of the single models.

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 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.

The indoor units that can be used in twin combinations are the slim cassette, the medium head duct and the floor/ceiling combined with an external 14.00 kW unit.