

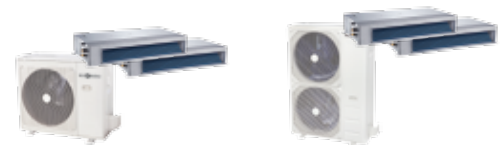
RESIDENTIAL AND COMMERCIAL R410A

TWIN COMBINATIONS

Indoor units can be used with Slim Cassette, ducted with medium pressure head and floor/ceiling units for 10.00 and 14.00 kW outdoor units.



Indoor unit model			2 x HTBI 530 ZA	2 x HTBI 710 ZA
Outdoor unit model			HCSI 1081 XA	HCSI 1401 XA
Type			FULL DC-Inverter	FULL DC-Inverter
Rated capacity (T=+35°C)	Cooling	W	10465 (2900-11900)	13950 (3950-16000)
Rated absorbed power (T=+35°C)		W	4060 (975-4620)	5390 (1330-6200)
Annual energy consumption		kWh/a	602	875
Seasonal energy efficiency class		626/2011 ¹	A++	A+
Seasonal energy efficiency index		SEER2	6.1	5.6
Theoretical load (Pdesignc)	Heating	kW	10.5	14.0
Rated capacity (T=+7°C)		W	11045 (2600-13100)	15990 (4150-17450)
Rated absorbed power (T=+7°C)		W	3085 (880-4690)	5355 (1400-6765)
Annual energy consumption		kWh/a	3535	4025
Energy efficiency class (average season)		626/2011 ¹	A+	A+
Seasonal energy efficiency class index (average season)	SCOP2	4.0	4.0	
Theoretical load (Pdesignh)	kW	10.1	11.5	
Power	Ph-V-Hz	3-380~400V-50HZ	3-380~400V-50HZ	
Absorbed current (MAX)	IU ~ OU	OU	OU	
	A	10	13	
Refrigerant circuit				
Diameter of refrigerant piping on liq/gas	OU	mm(inch)	ø9.52(3/8") -- ø15.88(5/8")	ø9.52(3/8") -- ø15.88(5/8")
Diameter of refrigerant piping on liq/gas	IU	mm(inch)	ø6.35(1/4") -- ø12.74(1/2")	ø9.52(3/8") -- ø15.88(5/8")
Max splitting length (total)		m	30	50
Max. length between branch and IU		m	15	15
Max splitting difference between IU		m	10	10
Max height difference IU/OU		m	20	20
Max height difference between IU		m	0.5	0.5
Refrigerant (GWP) ⁴			R410A(2088)	R410A(2088)
Splitting length without additional load	OU section - branch	m	5	5
Additional load	liq. 1/4"	g/m	15	-
	liq. 3/8"	g/m	30	30
Outdoor temperature operating limit in cool.		°C	-15°C ~ +50°C	15°C ~ +50°C
Outdoor temperature operating limit in heat.		°C	-15°C ~ +24°C	-15°C ~ +24°C
Optional parts				
LIFT panel			TBP-LF 716 X	TBP-LF 716 X
Wired remote control				YES
Wire remote control (with Lift Panel)				DTW IHXR Touch
Centralised control				YES
Wi-Fi control				Possible via XRV Mobile BMS



Indoor unit model			2 x HUCI 530 ZA	2 x HUCI 710 ZA
Outdoor unit model			HCSI 1081 XA	HCSI 1401 XA
Type			FULL DC-Inverter	FULL DC-Inverter
Rated capacity (T=+35°C)	Cooling	W	10465 (2400-11900)	13600 (3050-16300)
Rated absorbed power (T=+35°C)		W	4058 (660-4380)	5030 (880-6000)
Annual energy consumption		kWh/a	591	813
Seasonal energy efficiency class		626/2011 ¹	A++	A+
Seasonal energy efficiency index		SEER2	6.1	5.9
Theoretical load (Pdesignc)	Heating	kW	10.3	13.7
Rated capacity (T=+7°C)		W	11045 (2750-13100)	15990 (3500-18000)
Rated absorbed power (T=+7°C)		W	3085 (650-4400)	4345(920-5900)
Annual energy consumption		kWh/a	3675	4025
Energy efficiency class (average season)		626/2011 ¹	A+	A+
Seasonal energy efficiency class index (average season)	SCOP2	4.0	4.0	
Theoretical load (Pdesignh)	kW	10.5	11.5	
Power	Ph-V-Hz	3-380~400V-50HZ	3-380~400V-50HZ	
Absorbed current (MAX)	IU ~ OU	OU	OU	
	A	10.0	13	
Refrigerant circuit				
Diameter of refrigerant piping on liq/gas	OU	mm(inch)	ø9.52(3/8") -- ø15.88(5/8")	ø9.52(3/8") -- ø15.88(5/8")
Diameter of refrigerant piping on liq/gas	IU	mm(inch)	ø6.35(1/4") -- ø12.74(1/2")	ø9.52(3/8") -- ø15.88(5/8")
Max splitting length (total)		m	30	50
Max. length between branch and IU		m	15	15
Max splitting difference between IU		m	10	10
Max height difference IU/OU		m	20	20
Max height difference between IU		m	0.5	0.5
Refrigerant (GWP) ⁴			R410A(2088)	R410A(2088)
Splitting length without additional load	OU section - branch	m	5	5
Additional load	liq. 1/4"	g/m	15	-
	liq. 3/8"	g/m	30	30
Outdoor temperature operating limit in cool.		°C	-15°C ~ +50°C	-15°C ~ +50°C
Outdoor temperature operating limit in heat.		°C	-15°C ~ +24°C	-15°C ~ +24°C
Optional parts				
Wired remote control				YES
Centralised control				YES
Wi-Fi control				Possible via XRV Mobile BMS

RESIDENTIAL AND COMMERCIAL R410A

TWIN COMBINATIONS



Indoor unit model			2 x HSFI 530 ZA1	2 x HSFI 710 ZA1
Outdoor unit model			HCSI 1081 XA	HCSI 1401 XA
Type			FULL DC-Inverter	FULL DC-Inverter
Rated capacity (T=+35°C)	Cooling	W	10465 (2900-11900)	13950 (4050~16300)
Rated absorbed power (T=+35°C)		W	4060 (975-4620)	5190 (1370-6310)
Annual energy consumption		kWh/a	602	803
Seasonal energy efficiency class		626/2011 ¹	A++	A++
Seasonal energy efficiency index		SEER ²	6.10	6.10
Theoretical load (Pdesignc)		kW	10.5	14.0
Rated capacity (T=+7°C)	Heating	W	11045 (2600-13100)	15990 (4350~18300)
Rated absorbed power (T=+7°C)		W	2985 (880-4690)	4730 (1465-6590)
Annual energy consumption		kWh/a	3605	4130
Energy efficiency class (average season)		626/2011 ¹	A+	A+
Seasonal energy efficiency class index (average season)		SCOP ²	4.0	4.0
Theoretical load (Pdesignh)		kW	10.3	11.8
Power			Ph-V-Hz	3-380~400V-50HZ
Absorbed current (MAX)			IU ~ OU	OU
			A	13
Refrigerant circuit				
Diameter of refrigerant piping on liq/gas	OU	mm(inch)	ø9.52(3/8") -- ø15.88(5/8")	ø9.52(3/8") -- ø15.88(5/8")
Diameter of refrigerant piping on liq/gas	IU	mm(inch)	ø6.35(1/4") -- ø12.74(1/2")	ø9.52(3/8") -- ø15.88(5/8")
Max splitting length (total)			m	30
Max. length between branch and IU			m	15
Max splitting difference between IU			m	10
Max height difference IU/OU			m	20
Max height difference between IU			m	0.5
Refrigerant (GWP) ⁴			R410A(2088)	R410A(2088)
Splitting length without additional load	OU section - branch	m	5	5
Additional load	liq. 1/4"	g/m	15	-
	liq. 3/8"	g/m	30	30
Outdoor temperature operating limit in cool.			°C	-15°C ~ +50°C
Outdoor temperature operating limit in heat.			°C	-15°C ~ +24°C
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.

