RESIDENTIAL AND COMMERCIAL R410A

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TWIN COMBINATIONS



| Indoor unit model | | | 2 x HTBI 710 ZA |
|---|--------------------------|-------------------|----------------------------|
| Outdoor unit model | | | HCSI 1401 XA-1 |
| Туре | | | FULL DC-Inverter heat pump |
| Control (included) | | | Remote control |
| Rated capacity (T=35°C) | | kW | 14.07 (3.99~16.12) |
| Rated absorbed power (T=35°C) | | kW | 5.39 (1.33~6.20) |
| Rated energy efficiency coefficient | | EER3 | 2.61 |
| Seasonal energy efficiency class | Cooling | 626/20111 | A+ |
| Seasonal energy efficiency index | | SEER ² | 5.6 |
| Annual energy consumption | | kWh/a | 875 |
| Theoretical load (Pdesignc) | | 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 | | COP3 | 3.00 |
| Energy efficiency class (average season) | Heating | 626/20111 | A+ |
| Seasonal energy efficiency class index (average season) | | SCOP2 | 4.0 |
| Annual energy consumption | | kWh/a | 4025 |
| Theoretical load (Pdesignh) @-10° C | | kW | 11.5 |
| Operating limits (external temperature) | Cooling | °C | -15~50 |
| operating littles (external temperature) | Heating | °(| -15~24 |
| Electrical data | | | |
| Power | Indoor unit | Ph-V-Hz | 1-220~240V-50HZ |
| | Outdoor unit | Type | 3-380~415V-50HZ |
| | Power cable | | 5 x 2.5 mm ² |
| Connection wires between each I.U. and O.U. | | no. | 5 (2 of which shielded) |
| Rated absorbed current (min~max) | Cooling | A | 9.30 (2.30~10.70) |
| , | Heating | A | 9.20 (2.10~11.70) |
| Maximum current | | A | 13 |
| Maximum absorbed power | | kW | 6.77 |
| 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 Outdoor unit | mm (inches) | ø9.52(3/8") - ø15.88(5/8") |
| 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 (included) | | | Remote control |
| Rated capacity (T=35°C) | | kW | 13.72 (3.08~16.41) |
| Rated absorbed power (T=35°C) | | kW | 5.03 (0.88~6.00) |
| Rated energy efficiency coefficient | | FFR ³ | 2.73 |
| Seasonal energy efficiency class | Cooling | 626/2011 ¹ | 2,73 A+ |
| Seasonal energy efficiency index | Cooling | SEER ² | 5.9 |
| Annual energy consumption | | kWh/a | 813 |
| Theoretical load (Pdesignc) | | 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 | | COP3 | 4.53 (0.92~5.90) 3.71 |
| Energy efficiency class (average season) | Heating | 626/2011 ¹ | 5.71 A+ |
| Seasonal energy efficiency class index (average season) | Treating | SCOP ² | 4.0 |
| Appeal on a service season) | | kWh/a | 4.0 |
| Annual energy consumption Theoretical load (Pdesignh) @-10° C | | kW kW | 4025 |
| Theoretical toad (Pdesignit) @-10 C | Caalina | °(| -15~50 |
| Operating limits (external temperature) | Cooling Heating | 90 | -15~24 |
| Electrical data | Пеаші | | -13~24 |
| | Indoor unit | | 1-220~240V-50HZ |
| Power | Outdoor unit | Ph-V-Hz | 3-380~415V-50HZ |
| Power cable | Outdoor unit | Туре | 5 x 2,5 mm ² |
| Connection wires between each I.U. and O.U. | | no. | 5 (2 of which shielded) |
| | Cooling | A | 8.70 (1.60~10.90) |
| Rated absorbed current (min~max) | Heating | A | 7.50 (1.70~10.70) |
| Maximum current | | A | 13 |
| Maximum absorbed power | | kW | 6.10 |
| Refrigerant circuit | | | 0.110 |
| 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 Outdoor unit | mm (inches) | ø9.52(3/8") - ø15.88(5/8") |
| 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 |

RESIDENTIAL AND COMMERCIAL R410A

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TWIN COMBINATIONS



| MCS MODE M | Indoor unit model | | | HSFI 710 ZA1 | | | |
|--|---|--------------|-------------|-------------------------|--|--|--|
| FULDC-Inverter heat pump Control (included) Reted capacity (1=37°C) Reted capacity (1=37 | | | | | | | |
| Control (Included) Remote control Remote control | | | | | | | |
| Rated appoint 1-35°C) | | | | | | | |
| Rated absorbed power (1=3°C) | | 1 | LM | | | | |
| Rated energy efficiency class Cooling G26/2011 A++ | | - | | | | | |
| Seasonal energy efficiency class Cooling SEEP SEEP | | | | | | | |
| Sesonal energy efficiency (index SEFR S. | | | | | | | |
| Annual energy consumption RwW 14.0 803 | Seasonal energy efficiency class | Cooling | | | | | |
| Theoretical load (Pdesignic) Rated apostroy (1=7°C) Rated absorbed power (1=7°C) Rated Rated Power (1=7°C) Rated | | - | | | | | |
| Rated apacity (T=P°C) | | | | | | | |
| Rated absorbed power (T=7°C) Rated energy performance coefficient Energy efficiency (dass (not age season) Heating Gob/2011 A+ | | | | | | | |
| Rated energy performance coefficient Energy efficiency class (average season) Heating 626/2011¹ A+ | | | | | | | |
| Heating G26/2011 | | | | | | | |
| Scannal energy efficiency class index (average season) | | | | | | | |
| Annual energy consumption | Energy efficiency class (average season) | Heating | | | | | |
| Theoretical load (Pdesignh) @-10° C | Seasonal energy efficiency class index (average season) | | | | | | |
| Cooling °C -15~50 Heating °C -15~50 Heating °C -15~50 Heating °C -15~24 Electrical data Power Indoor unit Outdoor unit Ph-V-Hz 1-220~240V-50HZ Power cable Type 5x.2.5 mm² Connection wires between each I.U. and O.U. no. 5 (2 of which shielded) Rated absorbed current (min~max) Heating A 9.00 (2.40~10.90) Maximum current A 8.20 (2.50~11.40) Maximum absorbed power kW 6.59 Refrigerant (GWP) ⁴ R410A (2088) Quantity refrigerant pre-load Kg 4.0 Tons of CQ2 equivalent T 8.352 Diameter of refrigerant piping on liquid/gas Indoor unit Outdoor unit mm (inches) Max splitting length Max height difference I.U./O.U. m 30 Splitting length without additional load 5 | | | | | | | |
| Cooking Fleating Cooking Coo | Theoretical load (Pdesignh) @-10° C | | kW | 11.8 | | | |
| Fleating Fleating | On exerting limits (setample to manageture) | Cooling | °C | -15~50 | | | |
| Description | operating limits (external temperature) | Heating | °C | -15~24 | | | |
| Prover cable Type S x 2.5 mm² | Electrical data | | | | | | |
| Outdoor unit S-380-415V-50HZ | Dower | Indoor unit | DF // 11= | 1-220~240V-50HZ | | | |
| Connection wires between each I.U. and O.U. | rowei | Outdoor unit | FII-V-IIZ | 3-380~415V-50HZ | | | |
| Cooling A 9.00 (2.40~10.90) | | | Type | | | | |
| Heating A 8.20 (2.50~11.40) | Connection wires between each I.U. and O.U. | | no. | 5 (2 of which shielded) | | | |
| Heating A | Detailed and a second (asian area) | Cooling | A | 9.00 (2.40~10.90) | | | |
| Maximum current A 13 Maximum absorbed power kW 6.59 Refrigerant circuit Refrigerant (GW) 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 Outdoor unit Outdoor unit mm (inches) Ø9.52(3/8") – Ø15.88(5/8") Max. splitting length m 65 Max height difference I.U./O.U. m 30 Splitting length without additional load m 5 | Kated absorbed current (min~max) | Heating | A | 8.20 (2.50~11.40) | | | |
| Maximum absorbed power kW 6.59 Refrigerant circuit Refrigerant (RWP)4 Quantity refrigerant pre-load Kg 4.0 Tons of CO2 equivalent t 8.352 Diameter of refrigerant piping on liquid/gas Indoor unit Outdoor unit Outdoor unit mm (inches) \$9.52(3/8") - \$15.88(5/8") Max. splitting length m 65 Max height difference I.U./O.U. m 30 Splitting length without additional load m 5 | | | A | | | | |
| 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 Outdoor unit Outdoor unit mm (inches) Ø9.52(3/8") – Ø15.88(5/8") Max. splitting length m 65 Max height difference I.U./O.U. m 30 Splitting length without additional load m 5 | | | | 6.59 | | | |
| 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 Outdoor unit Outdoor unit mm (inches) \$9.52(3/8") - \$915.88(5/8") Max. splitting length m 65 Max height difference I.U./O.U. m 30 Splitting length without additional load m 5 | Refrigerant circuit | | | *** | | | |
| Quantity refrigerant pre-load Kg 4.0 Tons of CO2 equivalent t 8.352 Diameter of refrigerant piping on liquid/gas Indoor unit Outdoor unit mm (inches) Ø9.52(3/8") – Ø15.88(5/8") Max. splitting length m 65 Max height difference I.U./O.U. m 30 Splitting length without additional load m 5 | | | | R410A (2088) | | | |
| Tons of CO2 equivalent t 8.352 Diameter of refrigerant piping on liquid/gas | | | Ka | | | | |
| Diameter of refrigerant piping on liquid/gas Indoor unit | Tons of CO2 equivalent | | t | | | | |
| Max height difference I.U./O.U. m 30 Splitting length without additional load m 5 | Diameter of refrigerant piping on liquid/gas | | mm (inches) | **** | | | |
| Splitting length without additional load m 5 | | | m | 65 | | | |
| | | | m | 30 | | | |
| | | | m | 5 | | | |
| Additional load g/m 30 | 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.

1EU 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 EN14814. 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 mit with a GWP of 2088. If 18 g 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.