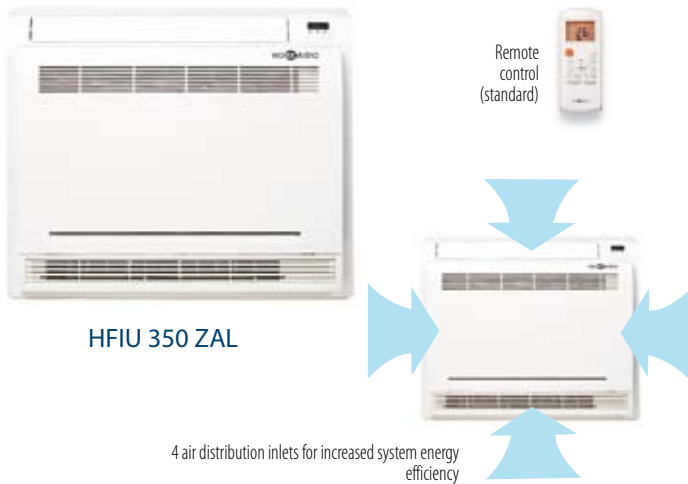


# RESIDENTIAL AND COMMERCIAL R410A



## CONSOLE



### Main features:

- 1 power level: 3.52 kW.
- Seasonal energy efficiency class on cooling/heating: up to A++/A+.
- SEER/SCOP values up to 6.1/4.0.
- Operating range: -15~50°C in cooling; -15~24°C in heating.
- Compact design: only 210 mm deep.
- Double air distribution mode. Unit especially suitable for primary heating as it is able to emit hot air on the floor level.
- The anti-formaldehyde filter eliminates formaldehyde from rooms, as well as gas released from furniture and household appliances, irritants for mucous membranes and eyes and potentially carcinogenic substances.
- 5 fan speeds.
- Low noise, thanks to the diameter of the fan installed inside the indoor unit.

| Indoor unit model                                       |                    |                       | HFUI 350 ZAL                             |
|---|--------------------|-----------------------|--|
| Outdoor unit model                                      |                    |                       | HCKI 351 XA                              |
| Type  |                    |                       | FULL DC-Inverter                         |
| Rated capacity (T=+35°C)                                | Cool.              | W                     | 3520 (770~3810)                          |
| Rated absorbed power (T=+35°C)                          | Cool.              | W                     | 1085 (174~1844)                          |
| Annual energy consumption                               | Cool.              | kWh/a                 | 201                                      |
| Seasonal energy efficiency class                        | Cool.              | 626/2011 <sup>1</sup> | A++                                      |
| Seasonal energy efficiency index                        | Cool.              | SEER2                 | 6.1                                      |
| Theoretical load (Pdesignc)                             | Cool.              | kW                    | 3.50                                     |
| Rated capacity (T=+7°C)                                 | Heat.              | W                     | 4000 (460~4340)                          |
| Rated absorbed power (T=+7°C)                           | Heat.              | W                     | 1070 (149~1465)                          |
| Annual energy consumption                               | Heat.              | kWh/a                 | 1015                                     |
| Energy efficiency class (average season)                | Heat.              | 626/2011 <sup>1</sup> | A+                                       |
| Seasonal energy efficiency class index (average season) | Heat.              | SCOP2                 | 4.00                                     |
| Theoretical load (Pdesignh)                             | Heat.              | kW                    | 2.90                                     |
| Power   |                    | Ph-V-Hz               | 1-220~240V-50HZ                          |
|   |                    | IU~OU                 | OU                                       |
| Absorbed current (MAX)                                  |                    | A                     | 9  |
| Connection wires IU/OU                                  |                    | no.                   | 3  |
| Refrigerant circuit                                     |                    |                       |  |
| Diameter of refrigerant piping on liquid/gas side       |                    | mm/inches             | ø 6.35(1/4") - ø 9.52(3/8")              |
| Max. splitting length I.U./O.U.                         |                    | m                     | 25                                       |
| Max. splitting height difference IU/OU                  |                    | m                     | 10                                       |
| Refrigerant (GWP) <sup>4</sup>                          |                    |                       | R410A(2088)                              |
| Quantity refrigerant pre-load                           |                    | Kg                    | 1.05                                     |
| Splitting length without additional load                |                    | m                     | 5  |
| Additional load   |                    | g/m                   | 15                                       |
| Operating limit range in cool.                          |                    | °C                    | -15°C ~ +50°C                            |
| Operating limit range in heat.                          |                    | °C                    | -15°C ~ +24°C                            |
| Specifications of indoor units                          |                    |                       |  |
| Indoor unit   | Dimensions (LxHxD) | mm                    | 700x600x210                              |
|   | Net weight         | Kg                    | 14.8                                     |
| Sound pressure level - Indoor U.                        | Hi/Mi/Lo           | dB(A)                 | 43/41.5/35                               |
| Sound power level - Indoor U.                           | Hi                 | dB(A)                 | 58                                       |
| Treated air (High / Med. / Low)                         |                    | m <sup>3</sup> /h     | 512/480/370                              |
| Outside diameter of condensate drain                    |                    | mm                    | 16                                       |
| Remote control (supplied)                               |                    | type                  | Remote interactive (R.I.) remote control |
| Specifications of outdoor units                         |                    |                       |  |
| Outdoor unit  | Dimensions (LxHxD) | mm                    | 800x554x333                              |
|   | Net weight         | Kg                    | 29.9                                     |
| Sound pressure level - Outdoor U.                       |                    | dB(A)                 | 56                                       |
| Sound power level - Outdoor U.                          |                    | dB(A)                 | 62                                       |
| Max air treated   |                    | m <sup>3</sup> /h     | 2000                                     |
| Optional parts  |                    |                       |  |
| Wired remote control                                    |                    |                       | YES                                      |
| Centralised control                                     |                    |                       | NO                                       |
| Wi-Fi module  |                    |                       | NO                                       |

<sup>1</sup> EU Delegated Regulation No. 626/2011 on the new labelling indicating the energy consumption of air conditioners. <sup>2</sup> EU Regulation No. 206/2012 -- Value measured according to harmonised standard EN14825. <sup>4</sup> 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 CO<sub>2</sub> 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.