



Characteristics



- Energy saving heat pump air curtain: Up to 70% reduction in costs and CO2 emissions (heating mode).
- Self-supporting casing construction made of galvanized steel plate, finished in structural epoxy-polyester painting white colour RAL9016 as standard. Other colours or stainless steel are available on request.
- Micro-perforated inlet grille with filter functions and easy service. Internal prefilter included.
- Anodized aluminium outlet vanes, airfoil shaped, adjustable from 0 to 15° each side.
- EC Double-inlet centrifugal fans driven by an external rotor motor and low noise level, with very low consumption efficiency fans.
- Includes only heating direct expansion coil with installed temperature sensors. Under request it can be modified to work in cooling and heating mode (not recommended) with optional condensate water pump.
- Plug&Play control panel CS-5DX-NE slave DX with 5 speeds selector and 10m telephone cable included.
- Optional: Advanced Clever Control (programmable, automatic, intelligent, energy savings, Modbus RTU for BMS...) with special program to work in cooling mode which avoids water condensation. It regulates cooling power to maintain air speed and get the environments separation.
- DX VRF:  
Ready to connect to HAIER VRF outdoor heat pump unit (R410A), not included, the customer should purchase it.  
Requires HAIER VRF Interface KIT adapted for air curtain with expansion valve and programmable control, please consult.

Specifications

50Hz

| Heat Pump - VRF  |                        |                                     |
|------------------|------------------------|-------------------------------------|
| Model            | Nominal Airflow (m³/h) | Recommended Installation Height (m) |
| BB 1000 VRF17-HA | 3510                   | 5-7                                 |
| BB 1500 VRF24-HA | 4680                   | 5-7                                 |
| BB 2000 VRF35-HA | 7020                   | 5-7                                 |
| BB 2500 VRF43-HA | 8190                   | 5-7                                 |
| BB 3000 VRF47-HA | 9360                   | 5-7                                 |

60Hz

| Heat Pump - VRF  |                        |                                     |
|------------------|------------------------|-------------------------------------|
| Model            | Nominal Airflow (m³/h) | Recommended Installation Height (m) |
| BB 1000 VRF17-HA | 3510                   | 5-7                                 |
| BB 1500 VRF24-HA | 4680                   | 5-7                                 |
| BB 2000 VRF35-HA | 7020                   | 5-7                                 |
| BB 2500 VRF43-HA | 8190                   | 5-7                                 |
| BB 3000 VRF47-HA | 9360                   | 5-7                                 |

Dimensions



| L    | A    | B    |
|------|------|------|
| 1000 | 920  | -    |
| 1500 | 1420 | 710  |
| 2000 | 1920 | 960  |
| 2500 | 2420 | 1210 |
| 3000 | 2920 | 1460 |