

## 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.
- Advanced Plug&Play control. Includes: Advanced PRO control with LCD display and integrated thermostat, door contact, 10m RJ11 cable and remote control.
- DX 1:1:  
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.  
Ready to connect to DAIKIN Inverter outdoor heat pump unit (R410A) and expansion valve, not included, the customer should purchase it.  
Requires DAIKIN DX Interface KIT adapted for air curtain and programmable control, please consult.
- DX VRV:  
Ready to connect to DAIKIN VRV outdoor heat pump unit (R410A) and expansion valve, not included, the customer should purchase it.  
Requires DAIKIN VRV Interface KIT adapted for air curtain and programmable control, please consult.

## Specifications

50Hz

| Heat Pump - DX 1:1 |                        |                              |                              |                                    |
|--------------------|------------------------|------------------------------|------------------------------|------------------------------------|
| Model              | Nominal Airflow (m³/h) | Outdoor Unit 230Vx1          | Outdoor Unit 400Vx3          | Recommended Installation Range (m) |
| BB 1000 DX16-DA    | 3510                   | ERQ 125 AV1                  | ERQ 125 AW1                  | 4-7                                |
| BB 1500 DX24-DA    | 4680                   | -                            | ERQ 200 AW1                  | 4-7                                |
| BB 2000 DX35-DA    | 7020                   | 2x ERQ 140 AV1 + ERQ 140 AV1 | -                            | 4-7                                |
| BB 2500 DX41-DA    | 8190                   | 2x ERQ 140 AV1               | 2x ERQ 200 AW1               | 4-7                                |
| BB 3000 DX47-DA    | 9360                   | -                            | 2x ERQ 200 AW1 + ERQ 200 AW1 | 4-7                                |

| Heat Pump - VRV  |                        |                                    |
|------------------|------------------------|------------------------------------|
| Model            | Nominal Airflow (m³/h) | Recommended Installation Range (m) |
| BB 1000 VRV17-DA | 3510                   | 4-7                                |
| BB 1500 VRV24-DA | 4680                   | 4-7                                |
| BB 2000 VRV35-DA | 7020                   | 4-7                                |
| BB 2500 VRV43-DA | 8190                   | 4-7                                |
| BB 3000 VRV47-DA | 9360                   | 4-7                                |

60Hz

Heat Pump - DX 1:1



| Model           | Nominal Airflow<br>(m³/h) | Outdoor Unit 230Vx1          | Outdoor Unit 400Vx3          | Recommended Installation<br>Range<br>(m) |
|-----------------|---------------------------|------------------------------|------------------------------|------------------------------------------|
| BB 1000 DX16-DA | 3510                      | ERQ 125 AV1                  | ERQ 125 AW1                  | 4-7                                      |
| BB 1500 DX24-DA | 4680                      | -                            | ERQ 200 AW1                  | 4-7                                      |
| BB 2000 DX35-DA | 7020                      | 2x ERQ 140 AV1 + ERQ 140 AV1 | -                            | 4-7                                      |
| BB 2500 DX41-DA | 8190                      | 2x ERQ 140 AV1               | 2x ERQ 200 AW1               | 4-7                                      |
| BB 3000 DX47-DA | 9360                      | -                            | 2x ERQ 200 AW1 + ERQ 200 AW1 | 4-7                                      |

| Heat Pump - VRV  |                           |                                       |  |
|------------------|---------------------------|---------------------------------------|--|
| Model            | Nominal Airflow<br>(m³/h) | Recommended Installation Range<br>(m) |  |
| BB 1000 VRV17-DA | 3510                      | 4-7                                   |  |
| BB 1500 VRV24-DA | 4680                      | 4-7                                   |  |
| BB 2000 VRV35-DA | 7020                      | 4-7                                   |  |
| BB 2500 VRV43-DA | 8190                      | 4-7                                   |  |
| BB 3000 VRV47-DA | 9360                      | 4-7                                   |  |

Dimensions

