

AB072MNFRA  
AB092MNFRA  
AB122MNFRA  
AB162MNFRA  
AB182MNFRA  
AB242MNFRA

AB282MNFRA  
AB302MNFRA  
AB382MNFRA  
AB482MNFRA  
AB602MNFRA



Suitable for use in  
R410A Systems

PB-950QB(H) and PB-950QB(B)



Optional controller  
HW-SA301AFK



Optional controller  
HW-PB101AFK



Optional controller  
YR-HQS01

- Exclusive 360° air flow system for a uniform air distribution
- Independent control of the 4 vanes
- 6 levels of positioning per individual vane
- DC inverter fan motor
- 7 fan speeds selectable with wired controller.
- Standard condensate drain pump
- Ready for fresh air input (pre-cut)
- Incorporates standard UVC ray generator to sterilize the air that flows through the unit



PB-950QB(H)



PB-950QB(B)



| Model                              |           | AB072MNFRA        | AB092MNFRA        | AB122MNFRA        | AB162MNFRA        | AB182MNFRA        | AB242MNFRA        |
|------------------------------------|-----------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| Capacity                           |           |                   |                   |                   |                   |                   |                   |
| Cooling                            | kW        | 2,2               | 2,8               | 3,6               | 4,5               | 5,6               | 7,1               |
| Heating                            | kW        | 2,5               | 3,2               | 4                 | 5                 | 6,3               | 8                 |
| Electrical Parameters              |           |                   |                   |                   |                   |                   |                   |
| Power supply                       | Ph/V/Hz   | 1 / 220-240 / 50  |                   |                   |                   |                   |                   |
| Ventilation                        |           |                   |                   |                   |                   |                   |                   |
| Air flow (H/M/L)                   | m³/h      | 1000/750/550      | 1000/750/550      | 1000/753/585      | 1000/755/641      | 1088/909/708      | 1380/1100/780     |
| Sound pressure (H/M/L)             | dB(A)     | 30/27/23          | 30/27/23          | 33/28/25          | 33/30/29          | 34/31/27          | 35/34/30          |
| Installation – Dimensions          |           |                   |                   |                   |                   |                   |                   |
| Net dimensions (WxDxH)             | mm        | 840x840x180       | 840x840x180       | 840x840x180       | 840x840x180       | 840x840x180       | 840x840x204       |
| Packaged unit dimensions (WxDxH)   | mm        | 978x978x247       | 978x978x247       | 978x978x247       | 978x978x247       | 978x978x247       | 978x978x269       |
| Net/gross weight                   | Kg        | 19/24             | 19/24             | 21/26             | 21/26             | 21/26             | 22/27             |
| Ø Liquid pipe                      | mm (inch) | 6,35 (1/4)        | 6,35 (1/4)        | 6,35 (1/4)        | 6,35 (1/4)        | 6,35 (1/4)        | 9,52 (3/8)        |
| Ø Gas pipe                         | mm (inch) | 9,52 (3/8)        | 9,52 (3/8)        | 12,70 (1/2)       | 12,70 (1/2)       | 12,70 (1/2)       | 15,88 (5/8)       |
| Panel                              |           |                   |                   |                   |                   |                   |                   |
| Model                              |           | PB-950QB(H) / (B) | PB-950QB(H) / (B) | PB-950QB(H) / (B) | PB-950QB(H) / (B) | PB-950QB(H) / (B) | PB-950QB(H) / (B) |
| Panel Net dimensions (WxDxH)       | mm        | 950x950x50        | 950x950x50        | 950x950x50        | 950x950x50        | 950x950x50        | 950x950x50        |
| Panel Packaging dimensions (WxDxH) | mm        | 1013x1025x123     | 1013x1025x123     | 1013x1025x123     | 1013x1025x123     | 1013x1025x123     | 1013x1025x123     |
| Panel Net/gross weight             | Kg        | 5,5/8,0           | 5,5/8,0           | 5,5/8,0           | 5,5/8,0           | 5,5/8,0           | 5,5/8,0           |

| Model                              |           | AB282MNFRA        | AB302MNFRA        | AB382MNFRA        | AB482MNFRA        | AB602MNFRA        |
|------------------------------------|-----------|-------------------|-------------------|-------------------|-------------------|-------------------|
| Capacity                           |           |                   |                   |                   |                   |                   |
| Cooling                            | kW        | 8                 | 9                 | 11,2              | 14                | 16                |
| Heating                            | kW        | 9                 | 10                | 12,5              | 16                | 18                |
| Electrical Parameters              |           |                   |                   |                   |                   |                   |
| Power supply                       | Ph/V/Hz   | 1 / 220-240 / 50  |                   |                   |                   |                   |
| Ventilation                        |           |                   |                   |                   |                   |                   |
| Air flow (H/M/L)                   | m³/h      | 1380/1150/830     | 1380/1180/900     | 2050/1500/1100    | 2100/1600/1170    | 2100/1600/1170    |
| Sound pressure (H/M/L)             | dB(A)     | 37/35/30          | 37/35/30          | 37/34/30          | 44/39/34          | 44/39/34          |
| Installation – Dimensions          |           |                   |                   |                   |                   |                   |
| Net dimensions (WxDxH)             | mm        | 840x840x204       | 840x840x204       | 840x840x246       | 840x840x288       | 840x840x288       |
| Packaged unit dimensions (WxDxH)   | mm        | 978x978x269       | 978x978x269       | 978x978x312       | 978x978x353       | 978x978x353       |
| Net/gross weight                   | Kg        | 22/27             | 22/27             | 25/31             | 26/32             | 26/32             |
| Ø Liquid pipe                      | mm (inch) | 9,52 (3/8)        | 9,52 (3/8)        | 9,52 (3/8)        | 9,52 (3/8)        | 9,52 (3/8)        |
| Ø Gas pipe                         | mm (inch) | 15,88 (5/8)       | 15,88 (5/8)       | 15,88 (5/8)       | 15,88 (5/8)       | 15,88 (5/8)       |
| Panel                              |           |                   |                   |                   |                   |                   |
| Model                              |           | PB-950QB(H) / (B) | PB-950QB(H) / (B) | PB-950QB(H) / (B) | PB-950QB(H) / (B) | PB-950QB(H) / (B) |
| Panel Net dimensions (WxDxH)       | mm        | 950x950x50        | 950x950x50        | 950x950x50        | 950x950x50        | 950x950x50        |
| Panel Packaging dimensions (WxDxH) | mm        | 1013x1025x123     | 1013x1025x123     | 1013x1025x123     | 1013x1025x123     | 1013x1025x123     |
| Panel Net/gross weight             | Kg        | 5,5/8,0           | 5,5/8,0           | 5,5/8,0           | 5,5/8,0           | 5,5/8,0           |