

# Haier **NEW** MRV INDOOR UNIT Compact Ducted Low - Med (50/90Pa)

Can be installed vertically



AD042MSFRAM  
AD052MSFRAM  
AD072MSFRAM  
AD092MSFRAM  
AD122MSFRAM  
AD162MSFRAM  
AD182MSFRAM

AD\*\*2MSFRAD  
External Valve



Suitable for use in  
R410A Systems



Optional controller  
HW-BA316AFK



Optional controller  
HW-SA301AFK



Optional controller  
HW-PB101AFK



Optional controller  
YR-HQS01

- Ideal for bedrooms, hotel rooms and quiet environments
- Extremely thin, only 198 mm
- Ready for fresh air input (pre-cut)
- Standard condensate drain pump
- Intake of lower or rear air by moving the panel as standard
- Silent operation
- Selectable static pressure of 50 Pa or 90 Pa
- Possibility of optional functional aesthetic control kit panel
- DC inverter fan motor
- 7 fan speeds selectable with wired controller
- Rear or bottom air return
- External EEV (Optional)
- Vertical / Horizontal installation Available

| Model                            |          | AD042MSFRAM      | AD052MSFRAM | AD072MSFRAM | AD092MSFRAM | AD122MSFRAM  | AD162MSFRAM  | AD182MSFRAM  |
|----------------------------------|----------|------------------|-------------|-------------|-------------|--------------|--------------|--------------|
|                                  |          | AD042MSFRAD      | AD052MSFRAD | AD072MSFRAD | AD092MSFRAD | AD122MSFRAD  | AD162MSFRAD  | AD182MSFRAD  |
| Capacity                         |          |                  |             |             |             |              |              |              |
| Cooling                          | kW       | 1,3              | 1,5         | 2,2         | 2,8         | 3,6          | 4,5          | 5,6          |
| Heating                          | kW       | 1,5              | 1,8         | 2,5         | 3,2         | 4            | 5            | 6,3          |
| Electrical Parameters            |          |                  |             |             |             |              |              |              |
| Power supply                     | Ph/V/Hz  | 1 / 220-240 / 50 |             |             |             |              |              |              |
| Ventilation                      |          |                  |             |             |             |              |              |              |
| Air flow (H/M/L)                 | m³/h     | 385/280/210      | 385/280/210 | 495/360/270 | 528/384/288 | 660/480/360  | 820/600/450  | 990/720/540  |
| Sound pressure level (H/M/L)     | dB(A)    | 33/27/22         | 33/27/22    | 37/31/25    | 41/35/28    | 40/32/26     | 42/35/28     | 43/36/29     |
| Sound power level (H/M/L)        | dB(A)    | 50/42/39         | 50/44/39    | 54/48/42    | 58/52/45    | 57/49/43     | 59/52/45     | 60/53/46     |
| Installation – Dimensions        |          |                  |             |             |             |              |              |              |
| Unit Dimensions WxDxH            | mm       | 700x450x198      | 700x450x198 | 700x450x198 | 700x450x198 | 900x450x198  | 1100x450x198 | 1100x450x198 |
| Packaged unit dimensions WxDxH   | mm       | 973x597x285      | 973x597x285 | 973x597x285 | 973x597x285 | 1173x597x285 | 1373x597x285 | 1373x597x285 |
| Net weight                       | Kg       | 13,4/13,5        | 13,4/13,5   | 13,4/13,5   | 13,8/13,9   | 16,4/16,5    | 19,9/20      | 19,9/20      |
| Gross weight                     | Kg       | 20/20,9          | 20/20,9     | 20/20,9     | 20,4/21,3   | 23,5/24,4    | 28/28,9      | 28/28,9      |
| Ø Liquid side refrigerant pipe   | mm(inch) | 6,35 (1/4)       | 6,35 (1/4)  | 6,35 (1/4)  | 6,35 (1/4)  | 6,35 (1/4)   | 6,35 (1/4)   | 6,35 (1/4)   |
| Ø Gas side refrigerant pipe      | mm(inch) | 9,52 (3/8)       | 9,52 (3/8)  | 9,52 (3/8)  | 9,52 (3/8)  | 12,7 (1/2)   | 12,7 (1/2)   | 12,7 (1/2)   |
| Static pressure (Standard / Max) | Pa       | 50-90            | 50-90       | 50-90       | 50-90       | 50-90        | 50-90        | 50-90        |