

Wall Mounted

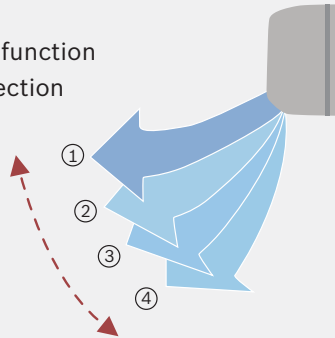


-  **Auto Restart**
-  **Cleanable Panel**
-  **Auto Addressing**
-  **Anti-Cold Air Function**
-  **Follow Me**
-  **LED Display**

Auto Swing Louver

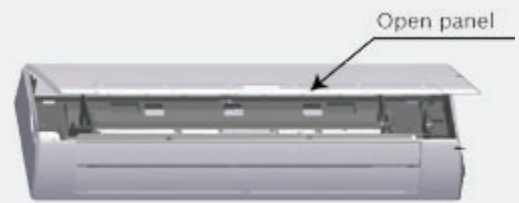
The Auto Swing Louver function ensures that the air direction corresponds to the mode selected.

-  Step
-  Swing



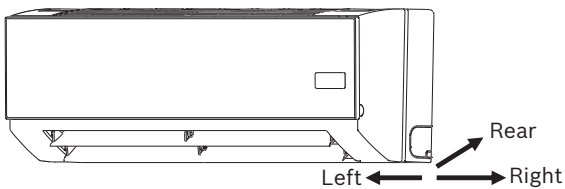
Easy maintenance

The front panel can be removed for easy maintenance access.



Convenient installation

- ▶ Multi-refrigerant outlet pipe method: left\right\rear, more flexible for installation.
- ▶ The EXV is built-in the indoor unit, compact size, longer the connection pipe; gas pipe: 468 mm; liquid pipe: 550 mm, more flexible for installation.
- ▶ Adopts new type fixing plate, is easy to install and stable.



Optimal comfort through better flow control and quiet operations

The mechanical expansion valve offers 2,000-stage element positions to ensure precise flow control and less modulation noise when the EXV is operating for a quiet and comfortable environment. Three air flow speeds: low, medium and high; double air guides. Smoother airflow and less turbulence is ensured by the multi-blade fan and the air guide design.



| Model | | HW15-1 | HW22-1 | HW28-1 | HW36-1 | HW45-1 | HW56-1 | |
|-------------------------------------|----------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|--------|
| Power supply | V/Ph/Hz | 220-240/1/50 | | | | | | |
| Capacity | Cooling | kW | 1.5 | 2.2 | 2.8 | 3.6 | 4.5 | 5.6 |
| | | kcal/h | 1,300 | 1,900 | 2,400 | 3,100 | 3,900 | 4,800 |
| | | Btu/h | 5,100 | 7,500 | 9,600 | 12,300 | 15,400 | 19,100 |
| | Heating | kW | 1.7 | 2.4 | 3.2 | 4.0 | 5.0 | 6.3 |
| | | kcal/h | 1,500 | 2,100 | 2,800 | 3,400 | 4,300 | 5,400 |
| | | Btu/h | 5,800 | 8,200 | 10,900 | 13,600 | 17,100 | 21,500 |
| Power input | Cooling | W | 28 | 28 | 28 | 45 | 45 | |
| | Heating | W | 28 | 28 | 28 | 45 | 45 | |
| Rated current | Cooling | A | 0.12 | 0.14 | 0.14 | 0.14 | 0.2 | 0.2 |
| | Heating | A | 0.12 | 0.14 | 0.14 | 0.14 | 0.2 | 0.2 |
| Indoor air flow (H/M/L) | m ³ /h | 427/389/336 | 525/480/430 | 525/480/430 | 590/520/480 | 860/755/630 | 925/860/755 | |
| Sound pressure level (H/M/L) | dB(A) | 33/31/28 | 35/32/29 | 35/32/29 | 35/32/29 | 40/38/34 | 40/38/34 | |
| Refrigerant | Type | R-410A | R-410A | R-410A | R-410A | R-410A | R-410A | |
| | Control method | EXV | EXV | EXV | EXV | EXV | EXV | |
| Net dimension (W×H×D) | mm | 915×290×230 | 915×290×230 | 915×290×230 | 915×290×230 | 1,072×315×230 | 1,072×315×230 | |
| Packing size (W×H×D) | mm | 1,020×390×315 | 1,020×390×315 | 1,020×390×315 | 1,020×390×315 | 1,180×415×315 | 1,180×415×315 | |
| Net weight | kg | 12.4 | 13 | 13 | 13 | 15.1 | 15.1 | |
| Gross weight | kg | 15.9 | 16.8 | 16.8 | 16.8 | 19.5 | 19.5 | |
| Piping connection | L (flare) | mm | Φ6.35 | Φ6.35 | Φ6.35 | Φ6.35 | Φ9.53 | |
| | G (flare) | mm | Φ12.7 | Φ12.7 | Φ12.7 | Φ12.7 | Φ15.9 | |
| | Drain piping | mm | OD Φ16.5 | OD Φ16.5 | OD Φ16.5 | OD Φ16.5 | OD Φ16.5 | |
| Standard Controller | Infrared Remote Controller (IRC) | | | | | | | |

| Model | | HW71-1 | HW80-1 | HW90-1 | |
|-------------------------------------|----------------------------------|---------------|---------------|---------------|----------|
| Power supply | V/Ph/Hz | 220-240/1/50 | | | |
| Capacity | Cooling | kW | 7.1 | 8.0 | 9.0 |
| | | kcal/h | 6,100 | 6,900 | 7,700 |
| | | Btu/h | 24,200 | 27,300 | 30,700 |
| | Heating | kW | 8.0 | 9.0 | 10 |
| | | kcal/h | 6,900 | 7,700 | 8,600 |
| | | Btu/h | 27,300 | 30,700 | 34,100 |
| Power input | Cooling | W | 75 | 86 | 86 |
| | Heating | W | 75 | 86 | 86 |
| Rated current | Cooling | A | 0.33 | 0.39 | 0.39 |
| | Heating | A | 0.33 | 0.39 | 0.39 |
| Indoor air flow (H/M/L) | m ³ /h | 1190/780/580 | 1,320/840/640 | 1,320/840/640 | |
| Sound pressure level (H/M/L) | dB(A) | 47/43/42 | 48/43/38 | 49/43/38 | |
| Refrigerant | Type | R-410A | R-410A | R-410A | |
| | Control method | EXV | EXV | EXV | |
| Net dimension (W×H×D) | mm | 1,250×325×245 | 1,250×325×245 | 1,250×325×245 | |
| Packing size (W×H×D) | mm | 1,345×430×335 | 1,345×430×335 | 1,345×430×335 | |
| Net weight | kg | 19.9 | 19.9 | 19.9 | |
| Gross weight | kg | 25 | 25 | 25 | |
| Piping connections | L (flare) | mm | Φ9.53 | Φ9.53 | Φ9.53 |
| | G (flare) | mm | Φ15.9 | Φ15.9 | Φ15.9 |
| | Drain piping | mm | OD Φ16.5 | OD Φ16.5 | OD Φ16.5 |
| Standard Controller | Infrared Remote Controller (IRC) | | | | |

Notes:

- Nominal cooling capacities are based on the following conditions: return air temperature.: 27°C DB, 19°C WB, outdoor temperature.: 35°C DB, equivalent ref. Piping: 8 m (horizontal)
- Nominal heating capacities are based on the following conditions: return air temperature.: 20°C DB, outdoor temperature.: 7°C DB, 6°C WB, equivalent ref. Piping: 8 m (horizontal)
- Sound level is measured 1 m below the air outlet horizontally and vertically.