

# Two Way Cassette 50/60Hz

## Two Way Cassette



| Model                        |                   |                   | AP.UNDG028BC  | AP.UNDG036BC  | AP.UNDG045BC  | AP.UNDG056BC  | AP.UNDG071BC  | AP.UNDG080BC  | AP.UNDG090BC   | AP.UNDG100BC   | AP.UNDG112BC   | AP.UNDG125BC   | AP.UNDG140BC   |
|------------------------------|-------------------|-------------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|----------------|----------------|----------------|----------------|
| Capacity                     | Cooling           | kW                | 2.8           | 3.6           | 4.5           | 5.6           | 7.1           | 8.0           | 9.0            | 10.0           | 11.2           | 12.5           | 14.0           |
|                              | Heating           | kW                | 3.2           | 4.0           | 5.0           | 6.3           | 8.0           | 9.0           | 10.0           | 11.2           | 12.5           | 14.0           | 16.0           |
| Power supply                 |                   | V/Ph/Hz           | 220V/1Ph/50Hz | 220V/1Ph/50Hz | 220V/1Ph/50Hz | 220V/1Ph/50Hz | 220V/1Ph/50Hz | 220V/1Ph/50Hz | 220V/1Ph/50Hz  | 220V/1Ph/50Hz  | 220V/1Ph/50Hz  | 220V/1Ph/50Hz  | 220V/1Ph/50Hz  |
| Power input                  |                   | W                 | 60            | 62            | 68            | 85            | 94            | 98            | 129            | 135            | 175            | 185            | 268            |
| Air flow volume (H/M/L)      |                   | m <sup>3</sup> /h | 500/426/376   | 616/523/462   | 773/657/580   | 900/765/657   | 1165/990/873  | 1300/1120/980 | 1450/1310/1160 | 1600/1450/1280 | 1725/1550/1280 | 1980/1680/1500 | 1980/1680/1500 |
| Sound pressure level (H/M/L) |                   | dB(A)             | 37/31/25      | 39/36/32      | 43/37/31      | 45/41/39      | 47/43/40      | 49/45/42      | 45/42/38       | 46/43/40       | 50/48/43       | 53/50/46       | 53/50/46       |
| Fan                          | Type              | —                 | Centrifugal   | Centrifugalw  | Centrifugal   | Centrifugal   | Centrifugal   | Centrifugal   | Centrifugal    | Centrifugal    | Centrifugal    | Centrifugal    | Centrifugal    |
| Fan motor                    | Power output      | W                 | 10            | 12            | 16            | 25            | 30            | 30            | 20*2           | 25*2           | 30*2           | 45*2           | 45*2           |
|                              | Insulation class  | —                 | B             | B             | B             | B             | B             | B             | B              | B              | B              | B              | B              |
| Connecting pipe              | Liquid pipe       | mm                | φ6.35         | φ6.35         | φ6.35         | φ6.35         | φ9.52         | φ9.52         | φ9.52          | φ9.52          | φ9.52          | φ9.52          | φ9.52          |
|                              | Gas pipe          | mm                | φ12.70        | φ12.70        | φ12.70        | φ12.70        | φ15.88        | φ15.88        | φ15.88         | φ15.88         | φ15.88         | φ15.88         | φ15.88         |
|                              | Connection method |                   | Flared        | Flared        | Flared        | Flared        | Flared        | Flared        | Flared         | Flared         | Flared         | Flared         | Flared         |
| Drain pipe                   | External diameter | mm                | DN20          | DN20          | DN20          | DN20          | DN20          | DN20          | DN20           | DN20           | DN20           | DN20           | DN20           |
| Outline dimension (body)     |                   | mm                | 840*520*315   | 840*520*315   | 960*520*315   | 960*520*315   | 1200*520*315  | 1200*520*315  | 1680*520*315   | 1680*520*315   | 1680*520*315   | 1680*520*315   | 1680*520*315   |
| Outline dimension (panel)    |                   | mm                | 1083*630*33   | 1083*630*33   | 1203*630*33   | 1203*630*33   | 1443*630*33   | 1443*630*33   | 1923*630*33    | 1923*630*33    | 1923*630*33    | 1923*630*33    | 1923*630*33    |
| Package dimension (set)      |                   | mm                | 1145*685*395  | 1145*685*395  | 1265*685*395  | 1265*685*395  | 1505*685*395  | 1505*685*395  | 1983*685*395   | 1983*685*395   | 1983*685*395   | 1983*685*395   | 1983*685*395   |
| Net weight                   |                   | kg                | 32            | 32            | 37            | 37            | 40            | 40            | 45             | 45             | 47             | 47             | 47             |
| Gross weight                 |                   | kg                | 35            | 35            | 40            | 40            | 43            | 43            | 48             | 48             | 50             | 50             | 50             |

- Notes:
1. Power supply: 220V/1PH for 50Hz
  2. The cooling condition: indoor side 27°C (80.6°F) DB, 19°C (60°F) WB outdoor side 35°C (95°F) DB
  3. The heating condition: indoor side 20°C (68°F) DB, 15°C (44.6°F) WB outdoor side 7°C (42.8°F) DB
  4. Sound level: measured at point 1m in front of the unit at a height of 1.3m. During actual operation, these values are normally somewhat higher as a result of ambient conditions.
  5. The above data may be changed without notice for future improvement on quality and performance.