

3. SPECIFICATIONS

| Type | | | | WALL MOUNTED | | | | |
|-------------------------|------------------------|---------|-----------------------|---|-----------|--------------|-----------|-----------|
| | | | | HEAT PUMP | | COOLING ONLY | | |
| Model name | | | | ASU9RQ | ASU12RQ | ASU9CQ | ASU12CQ | |
| Power source | | | | 115V~ 60Hz | | | | |
| Available voltage range | | | | 103.5 - 126.5V~ 60Hz | | | | |
| Capacity | Cooling | Rated | kW | 2.82 | 3.60 | 2.82 | 3.60 | |
| | | | BTU/h | 9,700 | 12,300 | 9,700 | 12,300 | |
| | Heating | | kW | 2.79 | 3.75 | - | - | |
| | | | BTU/h | 9,600 | 12,800 | - | - | |
| Input power | Cooling | Rated | kW | 0.82 | 1.07 | 0.82 | 1.06 | |
| | Heating | | | 0.69 | 0.99 | - | - | |
| Current | Cooling | Rated | A | 7.6 | 9.9 | 7.6 | 9.8 | |
| | Heating | | | 6.5 | 9.2 | - | - | |
| EER | Cooling | | kW/kW | 3.46 | 3.37 | 3.46 | 3.40 | |
| | | | BTU/hW | 11.8 | 11.5 | 11.8 | 11.6 | |
| COP | Heating | | kW/kW | 4.07 | 3.78 | - | - | |
| | | | BTU/hW | 13.9 | 12.9 | - | - | |
| SEER | Cooling | | BTU/hW | 14.3 | 13.7 | 14.3 | 13.5 | |
| HSPF | Heating | | BTU/hW | 8.20 | 8.20 | - | - | |
| SENSIBLE CAPACITY | Cooling | | kW | 2.15 | 2.60 | 2.15 | 2.60 | |
| | | | BTU/h | 7,400 | 8,900 | 7,400 | 8,900 | |
| POWER FACTOR | Cooling | | % | 94 | 94 | 94 | 94 | |
| | Heating | | | 92 | 94 | - | - | |
| Moisture removal | | | pints/h(l/h) | 2.1 (1.0) | 3.2 (1.5) | 2.1 (1.0) | 3.2 (1.5) | |
| Fan | Airflow rate | Cooling | High | CFM (m ³ /h) | 324 (550) | 383 (650) | 324 (550) | 383 (650) |
| | | | Med | | 271 (460) | 324 (550) | 271 (460) | 324 (550) |
| | | | Low | | 241 (410) | 265 (450) | 241 (410) | 265 (450) |
| | | | Quiet | | 200 (340) | 206 (350) | 200 (340) | 206 (350) |
| | | Heating | High | | 324 (550) | 365 (620) | - | - |
| | | | Med | | 282 (480) | 318 (540) | - | - |
| | | | Low | | 247 (420) | 271 (460) | - | - |
| | | | Quiet | | 200 (340) | 224 (380) | - | - |
| | Type × Q'ty | | Cross flow fan×1 | | | | | |
| | Motor output | | | W | 32 | | | |
| Sound pressure level | Cooling | | High | dB(A) | 40 | 45 | 40 | 45 |
| | | | Med | | 36 | 40 | 36 | 40 |
| | | | Low | | 31 | 35 | 31 | 35 |
| | | | Quiet | | 26 | 28 | 26 | 28 |
| | Heating | | High | | 38 | 42 | - | - |
| | | | Med | | 34 | 37 | - | - |
| | | | Low | | 29 | 32 | - | - |
| | | | Quiet | | 25 | 27 | - | - |
| Heat exchanger type | Dimensions (H × W × D) | | in. (mm) | 13-7/32 × 25 × 1-1/16 (336 × 635 × 26.6) | | | | |
| | Fin pitch | | FPI | 21 | | | | |
| | Rows × Stages | | | 2 × 16 | | | | |
| | Pipe type | | | Copper | | | | |
| | Fin type | | | Aluminium | | | | |
| Enclosure | Material | | | Polystyrene | | | | |
| | Color | | | White | | | | |
| Dimensions (H × W × D) | Net | mm | | 283 × 790 × 230 | | | | |
| | | inch | | 11-1/8 × 31-1/8 × 9-1/16 | | | | |
| | Gross | mm | | 316 × 835 × 360 | | | | |
| | | inch | | 12-7/16 × 32-7/8 × 14-3/16 | | | | |
| Weight | Net | | lb.(kg) | 21 (9.5) | | | | |
| | Gross | | | 26 (12) | | | | |
| Connection pipe | Size | Liquid | in.(mm) | Φ 1/4 (Φ6.35) | | | | |
| | | Gas | | Φ 3/8 (Φ9.52) | | | | |
| | Method | | | | Flare | | | |
| Operation range | Cooling | °F (°C) | | 64 to 90 (18 to 32) | | | | |
| | | %RH | | 80 or less | | | | |
| | Heating | °F (°C) | | 88 (30) or less | | - | | |
| Remote controller type | | | | Wireless | | | | |
| Drain pipe | Material | | | PVC | | | | |
| | Size | | mm (Reference in.) | Outer diameter : 25.5 (1) Inner diameter : 14 (9/16) | | | | |

Note :

Specifications are based on the following conditions.

Cooling : Indoor temperature of 80°F(26.67°C)DB/67°F(19.44°C)WB, and outdoor temperature of 95°F(35°C)DB/75°F(23.9°C)WB.

Heating : Indoor temperature of 70°F(21.11°C)DB/59°F(15°C)WB, and outdoor temperature of 47°F(8.33°C)DB/43°F(6.11°C)WB.

Pipe length : 24ft.7in.(7.5 m), Height difference : 0 m.(Outdoor unit - Indoor unit)

The maximum current is the maximum value when operated within the operation range(temperature).