

## 3-3. CASSETTE TYPE

| TYPE                    |                        |             |   | CASSETTE MODELS  |             |             |
|-------------------------|------------------------|-------------|---|--|-------------|-------------|
|                         |                        |             |   | INVERTER HEAT PUMP TYPE  |             |             |
| Model name              |                        |             |   | AUU9RML  | AUU12RML    |             |
| Power source            |                        |             |   | 230 / 208V ~ 60Hz  |             |             |
| Available voltage range |                        |             |   | 187-253V ~ 60Hz  |             |             |
| CAPACITY                | COOLING                | RATED       | kW  | 2.60   | 3.50        |             |
|                         |                        |             | BTU/h   | 8800   | 12000       |             |
|                         |                        | MIN. - MAX. | kW  | 1.5-3.3  | 1.5-4.0     |             |
|                         |                        |             | BTU/h   | 5100-11300   | 5100-13600  |             |
|                         | HEATING                | RATED       | kW  | 3.20   | 4.10        |             |
|                         |                        |             | BTU/h   | 11000  | 14000       |             |
| MIN. - MAX.             |                        | kW          | 1.5-3.8   | 1.5-4.5  |             |             |
|                         |                        | BTU/h       | 5100-13000  | 5100-15400   |             |             |
| MOISTURE REMOVAL        |                        |             | pints/h (l/h)                                     | 1.9 ( 0.9 )  | 2.5 ( 1.2 ) |             |
| FAN                     | AIR FLOW RATE          | COOLING     | High  | CFM<br>(m <sup>3</sup> /h)   | 318 ( 540 ) | 359 ( 610 ) |
|                         |                        |             | Med   |  | 288 ( 490 ) | 312 ( 530 ) |
|                         |                        |             | Low   |  | 259 ( 440 ) | 277 ( 470 ) |
|                         |                        |             | Quiet   |  | 230 ( 390 ) | 241 ( 410 ) |
|                         |                        | HEATING     | High  |  | 318 ( 540 ) | 353 ( 600 ) |
|                         |                        |             | Med   |  | 288 ( 490 ) | 312 ( 530 ) |
|                         |                        |             | Low   |  | 259 ( 440 ) | 277 ( 470 ) |
|                         |                        |             | Quiet   |  | 230 ( 390 ) | 241 ( 410 ) |
|                         | TYPE x Q'ty            |             |   | Turbo x1   |             |             |
|                         | MOTOR OUTPUT           |             |   | W  |             |             |
|                         |                        |             | 42  |  |             |             |
| SOUND PRESSURE LEVEL    | COOLING                | High        | dB (A)  | 33   | 37          |             |
|                         |                        | Med         |   | 31   | 33          |             |
|                         |                        | Low         |   | 29   | 31          |             |
|                         |                        | Quiet       |   | 26   | 27          |             |
|                         | HEATING                | High        |   | 34   | 37          |             |
|                         |                        | Med         |   | 32   | 33          |             |
|                         |                        | Low         |   | 29   | 31          |             |
|                         |                        | Quiet       |   | 27   | 28          |             |
| HEAT EXCHANGE TYPE      | DIMENSIONS (H x W x D) |             | in. (mm)  | 8-9/32 x 51-9/16 x 17/32 + 8-9/32 x 49-7/32 x 17/32<br>( 210×1310×13.3 + 210×1250×13.3 ) |             |             |
|                         | FIN PITCH              |             | FPI   | 21   |             |             |
|                         | ROWS x STAGES          |             |   | 2 × 10   |             |             |
|                         | PIPE TYPE              |             |   | Copper tube  |             |             |
|                         | FIN TYPE               |             |   | Aluminum   |             |             |
| ENCLOSURE (Panel)       | MATERIAL               |             | PS  |  |             |             |
|                         | COLOR                  |             | WHITE<br>( Approximate color of MUNSELL N 9.25/ ) |  |             |             |
| DIMENSIONS (H x W x D)  | NET                    | UNIT        | in. (mm)  | 9-21/32×22-7/16×22-7/16<br>( 245×570×570 )   |             |             |
|                         |                        | PANEL       |   | 1-15/16×27-9/16×27-9/16<br>( 49×700×700 )  |             |             |
|                         | GROSS                  | UNIT        |   | 10-7/16×28-3/4×24-19/32<br>( 265×730×625 )   |             |             |
|                         |                        | PANEL       |   | 4-23/32×30-1/8×29-23/32<br>( 120×765×755 )   |             |             |
| WEIGHT                  | NET                    | UNIT        | lb. (Kg)  | 33 ( 15 )  |             |             |
|                         |                        | PANEL       |   | 5.7 ( 2.6 )  |             |             |
|                         | GROSS                  | UNIT        |   | 40 ( 18 )  |             |             |
|                         |                        | PANEL       |   | 10 ( 4.5 )   |             |             |
| CONNECTION PIPE         | SIZE                   | LIQUID      | in. (mm)  | Φ 1 / 4 ( 6.35 )   |             |             |
|                         |                        | GAS         |   | Φ 3 / 8 ( 9.52 )   |             |             |
|                         | METHOD                 |             |   | FLARE  |             |             |
| OPERATION RANGE         | COOLING                | °F (°C)     | 64 to 90 ( 18 to 32 )                             |  |             |             |
|                         |                        | %RH         | 80 or less  |  |             |             |
|                         | HEATING                | °F (°C)     | 60 to 88 ( 16 to 31 )                             |  |             |             |
| REMOTE CONTROLLER TYPE  |                        |             |   | WIRED [WIRELESS : OPTION]  |             |             |
| DRAIN PIPE              | MATERIAL               |             |   | ABS  |             |             |
|                         | SIZE                   |             | in.(mm)   | OUTER DIAMETER Φ 1 (25.4)<br>INNER DIAMETER Φ3/4 (19.4)                                  |             |             |

## Note :

Specifications are based on the following conditions.

Power source of specifications : 230V

Cooling : Indoor temperature of 80°F (26.7°C) DB / 67°F (19.4°C) WB. and outdoor temperature of 95°F (35.00°C) DB/75°F (23.9°C) WB.

Heating : Indoor temperature of 70°F (21.1°C) DB / 60°F (15.6°C) WB. and outdoor temperature of 47°F (8.3°C) DB / 43°F (6.1°C) WB.

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