

### 3. Specification

|                             |             |         |                            |  |               |       |       |              |       |       |
|-----------------------------|-------------|---------|----------------------------|--|---------------|-------|-------|--------------|-------|-------|
| Indoor                      |             |         | Model                      |  | CS-RZ25WKRW   |       |       |              |       |       |
|                             |             |         | POS (EAN)                  |  | 5025232912121 |       |       |              |       |       |
| Outdoor                     |             |         | Model                      |  | CU-RZ25WKRW   |       |       |              |       |       |
|                             |             |         | POS (EAN)                  |  | 5025232913169 |       |       |              |       |       |
| Performance Test Condition  |             |         |                            |  | AS            |       |       |              |       |       |
| Power Supply                |             |         | Phase, Hz                  |  | Single, 50    |       |       |              |       |       |
|                             |             |         | V                          |  | 230           |       |       | 240          |       |       |
|                             |             |         |                            |  | Min.          | Mid.  | Max.  | Min.         | Mid.  | Max.  |
| Capacity                    |             |         | kW                         |  | 0.95          | 2.50  | 3.00  | 0.95         | 2.50  | 3.00  |
|                             |             |         | BTU/h                      |  | 3240          | 8530  | 10200 | 3240         | 8530  | 10200 |
|                             |             |         | kcal/h                     |  | 820           | 2150  | 2580  | 820          | 2150  | 2580  |
| Running Current             |             |         | A                          |  | -             | 2.70  | -     | -            | 2.60  | -     |
| Input Power                 |             |         | W                          |  | 210           | 570   | 890   | 210          | 570   | 890   |
| Total Energy Consumption    | Residential | Hot     | kWh                        |  | 498           |       |       |              |       |       |
|                             |             | Average | kWh                        |  | 181           |       |       |              |       |       |
|                             |             | Cold    | kWh                        |  | 116           |       |       |              |       |       |
|                             | Commercial  | Hot     | kWh                        |  | 611           |       |       |              |       |       |
|                             |             | Average | kWh                        |  | 271           |       |       |              |       |       |
|                             |             | Cold    | kWh                        |  | 194           |       |       |              |       |       |
| TCSPF Star 5                |             |         |                            |  | -             | 4.00  | -     | -            | 4.00  | -     |
| EER / EER CLASS             |             |         | W/W                        |  | 4.52          | 4.39  | 3.37  | 4.52         | 4.39  | 3.37  |
| EER                         |             |         | BTU/hW                     |  | 15.43         | 14.96 | 11.46 | 15.43        | 14.96 | 11.46 |
|                             |             |         | kcal/hW                    |  | 3.90          | 3.77  | 2.90  | 3.90         | 3.77  | 2.90  |
| Power Factor                |             |         | %                          |  | -             | 92    | -     | -            | 91    | -     |
| Indoor Noise (H / L / QLo)  |             |         | Sound Pressure Level dB(A) |  | 40 / 25 / 19  |       |       | 40 / 25 / 19 |       |       |
|                             |             |         | Sound Power Level dB(A)    |  | 56 / 41 / 35  |       |       | 56 / 41 / 35 |       |       |
| Outdoor Noise (H / L / QLo) |             |         | Sound Pressure Level dB(A) |  | 48 / - / 43   |       |       | 48 / - / 43  |       |       |
|                             |             |         | Sound Power Level dB(A)    |  | 63 / - / 58   |       |       | 63 / - / 58  |       |       |

|                                       |                             |             |                            |                      |             |       |              |             |       |
|---------------------------------------|-----------------------------|-------------|----------------------------|----------------------|-------------|-------|--------------|-------------|-------|
| <b>Indoor</b>                         |                             |             | <b>Model</b>               | <b>CS-RZ25WKRW</b>   |             |       |              |             |       |
|                                       |                             |             | <b>POS (EAN)</b>           | <b>5025232912121</b> |             |       |              |             |       |
| <b>Outdoor</b>                        |                             |             | <b>Model</b>               | <b>CU-RZ25WKRW</b>   |             |       |              |             |       |
|                                       |                             |             | <b>POS (EAN)</b>           | <b>5025232913169</b> |             |       |              |             |       |
| Heating                               | Capacity at ( 7°C / 2°C)    |             | kW                         | 0.90                 | 3.00 / 2.50 | 3.60  | 0.90         | 3.00 / 2.50 | 3.60  |
|                                       |                             |             | BTU/h                      | 3070                 | 10200       | 12300 | 3070         | 10200       | 12300 |
|                                       |                             |             | Kcal/h                     | 770                  | 2580        | 3100  | 770          | 2580        | 3100  |
|                                       | Running Current             |             | A                          | -                    | 3.00        | -     | -            | 2.90        | -     |
|                                       | Input Power                 |             | W                          | 190                  | 640         | 1.04k | 190          | 640         | 1.04k |
|                                       | Total Energy Consumption    | Residential | Hot                        | kWh                  | 57          |       |              |             |       |
|                                       |                             |             | Average                    | kWh                  | 350         |       |              |             |       |
|                                       |                             |             | Cold                       | kWh                  | 959         |       |              |             |       |
|                                       |                             | Commercial  | Hot                        | kWh                  | 38          |       |              |             |       |
|                                       |                             |             | Average                    | kWh                  | 159         |       |              |             |       |
|                                       |                             |             | Cold                       | kWh                  | 307         |       |              |             |       |
|                                       | HSPF Star 5                 |             |                            | -                    | 3.00        | -     | -            | 3.00        | -     |
|                                       | COP / COP CLASS             |             | W/W                        | 4.74                 | 4.69        | 3.46  | 4.74         | 4.69        | 3.46  |
|                                       | COP                         |             | BTU/hW                     | 16.16                | 15.94       | 11.83 | 16.16        | 15.94       | 11.83 |
|                                       |                             |             | Kcal/hW                    | 4.05                 | 4.03        | 2.98  | 4.05         | 4.03        | 2.98  |
|                                       | Power Factor                |             | %                          | -                    | 93          | -     | -            | 92          | -     |
|                                       | Indoor Noise (H / L / QLo)  |             | Sound Pressure Level dB(A) | 40 / 27 / 21         |             |       | 40 / 27 / 21 |             |       |
|                                       |                             |             | Sound Power Level dB(A)    | 56 / 43 / 37         |             |       | 56 / 43 / 37 |             |       |
|                                       | Outdoor Noise (H / L / QLo) |             | Sound Pressure Level dB(A) | 49 / - / 44          |             |       | 49 / - / 44  |             |       |
|                                       |                             |             | Sound Power Level dB(A)    | 64 / - / 59          |             |       | 64 / - / 59  |             |       |
| H2                                    | Capacity                    |             | kW                         | 2.50                 |             |       |              |             |       |
|                                       | Input Power                 |             | kW                         | 0.72                 |             |       |              |             |       |
|                                       | COP                         |             | W/W                        | 3.47                 |             |       |              |             |       |
| Powerful Heat                         | Capacity                    |             | kW                         | 3.60                 |             |       |              |             |       |
|                                       | Input Power                 |             | kW                         | 1.04                 |             |       |              |             |       |
|                                       | COP                         |             | W/W                        | 3.46                 |             |       |              |             |       |
| Max Current (A) / Max Input Power (W) |                             |             | 5.0 / 1.30k                |                      |             |       |              |             |       |
| Starting Current (A)                  |                             |             | 3.00                       |                      |             |       |              |             |       |
| Compressor                            | Type                        |             | Hermetic motor (Rotary)    |                      |             |       |              |             |       |
|                                       | Motor Type                  |             | Brushless (6-poles)        |                      |             |       |              |             |       |
|                                       | Output Power                |             | W                          | 550                  |             |       |              |             |       |

|                    |                  |  |  |                      |      |
|--------------------|------------------|--|--|----------------------|------|
| <b>Indoor</b>      |                  |  | <b>Model</b>                                     | <b>CS-RZ25WKRW</b>   |      |
|                    |                  |  | <b>POS (EAN)</b>                                 | <b>5025232912121</b> |      |
| <b>Outdoor</b>     |                  |  | <b>Model</b>                                     | <b>CU-RZ25WKRW</b>   |      |
|                    |                  |  | <b>POS (EAN)</b>                                 | <b>5025232913169</b> |      |
| <b>Indoor Fan</b>  | Type             |  |  | Cross-flow Fan       |      |
|                    | Material         |  |  | ASG30                |      |
|                    | Motor Type       |  |  | DC (8-poles)         |      |
|                    | Input Power      |  | W  | 43.8                 |      |
|                    | Output Power     |  | W  | 40                   |      |
|                    | Speed            | QLo  | Cool   | rpm                  | 580  |
|                    |                  |  | Heat   | rpm                  | 650  |
|                    |                  | Lo   | Cool   | rpm                  | 730  |
|                    |                  |  | Heat   | rpm                  | 770  |
|                    |                  | Me   | Cool   | rpm                  | 930  |
|                    |                  |  | Heat   | rpm                  | 970  |
|                    |                  | Hi   | Cool   | rpm                  | 1140 |
|                    |                  |  | Heat   | rpm                  | 1230 |
|                    | SHi              | Cool   | rpm  | 1190                 |      |
| Heat               |                  | rpm  | 1280   |                      |      |
| <b>Outdoor Fan</b> | Type             |  |  | Propeller            |      |
|                    | Material         |  |  | PP                   |      |
|                    | Motor Type       |  |  | DC (8-poles)         |      |
|                    | Input Power      |  | W  | -                    |      |
|                    | Output Power     |  | W  | 40                   |      |
|                    | Speed            | Hi   | Cool   | rpm                  | 870  |
| Heat               |                  |  | rpm  | 800                  |      |
| Moisture Removal   |                  |  | L/h (Pt/h)                                       | 1.5 (3.2)            |      |
| Indoor Airflow     | QLo              | Cool   | m <sup>3</sup> /min (ft <sup>3</sup> /min) (L/s) | 5.09 (180) (85)      |      |
|                    |                  | Heat   | m <sup>3</sup> /min (ft <sup>3</sup> /min) (L/s) | 5.83 (206) (97)      |      |
|                    | Lo               | Cool   | m <sup>3</sup> /min (ft <sup>3</sup> /min) (L/s) | 6.68 (236) (111)     |      |
|                    |                  | Heat   | m <sup>3</sup> /min (ft <sup>3</sup> /min) (L/s) | 7.10 (251) (118)     |      |
|                    | Me               | Cool   | m <sup>3</sup> /min (ft <sup>3</sup> /min) (L/s) | 8.80 (311) (147)     |      |
|                    |                  | Heat   | m <sup>3</sup> /min (ft <sup>3</sup> /min) (L/s) | 9.22 (326) (154)     |      |
|                    | Hi               | Cool   | m <sup>3</sup> /min (ft <sup>3</sup> /min) (L/s) | 11.0 (390) (184)     |      |
|                    |                  | Heat   | m <sup>3</sup> /min (ft <sup>3</sup> /min) (L/s) | 11.5 (405) (191)     |      |
| SHi                | Cool             | m <sup>3</sup> /min (ft <sup>3</sup> /min) (L/s) | 11.56 (408) (192)                                |                      |      |
|                    | Heat             | m <sup>3</sup> /min (ft <sup>3</sup> /min) (L/s) | 11.98 (423) (200)                                |                      |      |
| Outdoor Airflow    | Hi               | Cool   | m <sup>3</sup> /min (ft <sup>3</sup> /min) (L/s) | 31.5 (1110)          |      |
|                    |                  | Heat   | m <sup>3</sup> /min (ft <sup>3</sup> /min) (L/s) | 28.9 (1020)          |      |
| Refrigerant Cycle  | Control Device   |  |  | Expansion Valve      |      |
|                    | Refrigerant Oil  |  | cm <sup>3</sup>                                  | FW50S (270)          |      |
|                    | Refrigerant Type |  | g (oz)   | R32, 670 (23.7)      |      |

|                             |                              |                  |                  |                                 |
|-----------------------------|------------------------------|------------------|------------------|---------------------------------|
| <b>Indoor</b>               |                              |                  | <b>Model</b>     | <b>CS-RZ25WKRW</b>              |
|                             |                              |                  | <b>POS (EAN)</b> | <b>5025232912121</b>            |
| <b>Outdoor</b>              |                              |                  | <b>Model</b>     | <b>CU-RZ25WKRW</b>              |
|                             |                              |                  | <b>POS (EAN)</b> | <b>5025232913169</b>            |
| Dimension                   | Unit                         | Height (ID / OD) | mm (inch)        | 290 (11-7/16) / 542 (21-11/32)  |
|                             |                              | Width (ID / OD)  | mm (inch)        | 779 (30-11/16) / 780 (30-23/32) |
|                             |                              | Depth (ID / OD)  | mm (inch)        | 209 (8-1/4) / 289 (11-13/32)    |
|                             | PCKG. (Stacking Condition)   | Height (ID / OD) | mm (inch)        | 255 (10-1/6) / 603 (23/3/4)     |
|                             |                              | Width (ID / OD)  | mm (inch)        | 861 (33-29/32) / 891 (35-3/32)  |
|                             |                              | Depth (ID / OD)  | mm (inch)        | 364 (14-11/32) / 396 (15-19/32) |
| Weight                      | Net (I/D / O/D)              |                  | kg (lb)          | 8 (18) / 25 (55)                |
|                             | Gross (I/D / O/D)            |                  | kg (lb)          | 9 (20) / 27 (60)                |
| Stacking No. (CS / CU / CZ) |                              |                  |                  | 12 / 6 / -                      |
| Piping                      | Pipe Diameter (Liquid / Gas) |                  | mm (inch)        | 6.35 (1/4) / 9.52 (3/8)         |
|                             | Standard Length              |                  | m (ft)           | 5.0 (16.4)                      |
|                             | Length Range (min - max)     |                  | m (ft)           | 3 (9.8) ~ 20 (65.6)             |
|                             | I/D & O/D Height Different   |                  | m (ft)           | 15 (49.2)                       |
|                             | Additional Gas Amount        |                  | g/m (oz/ft)      | 10 (0.1)                        |
|                             | Length for Additional Gas    |                  | m (ft)           | 7.5 (24.6)                      |
| Drain Hose                  | Inner Diameter               |                  | mm               | 16.7                            |
|                             | Length                       |                  | mm               | 650                             |
| Indoor Heat Exchanger       | Fin Material                 |                  |                  | Aluminium (Pre coat)            |
|                             | Fin Type                     |                  |                  | Slit Fin                        |
|                             | Row x Stage x FPI            |                  |                  | 2 x 15 x 21                     |
|                             | Size ( W x H x L )           |                  | mm               | 580 x 315 x 25.4                |
| Outdoor Heat Exchanger      | Fin Material                 |                  |                  | Aluminium (Blue Coat)           |
|                             | Fin Type                     |                  |                  | Corrugated Fin                  |
|                             | Row x Stage x FPI            |                  |                  | 1 x 24 x 17                     |
|                             | Size ( W x H x L )           |                  | mm               | 18.2 x 504 x 710                |
| Air Filter                  | Material                     |                  |                  | Polypropelene                   |
|                             | Type                         |                  |                  | One-touch                       |
| Power Supply                |                              |                  |                  | Outdoor                         |
| Power Supply Cord           |                              |                  |                  | NIL                             |
| Thermostat                  |                              |                  |                  | Electronic Control              |
| Protection Device           |                              |                  |                  | Electronic Control              |

|                         |         |                  |                      |           |
|-------------------------|---------|------------------|----------------------|-----------|
| <b>Indoor</b>           |         | <b>Model</b>     | <b>CS-RZ25WKRW</b>   |           |
|                         |         | <b>POS (EAN)</b> | <b>5025232912121</b> |           |
| <b>Outdoor</b>          |         | <b>Model</b>     | <b>CU-RZ25WKRW</b>   |           |
|                         |         | <b>POS (EAN)</b> | <b>5025232913169</b> |           |
|                         |         |                  | Dry Bulb             | Wet Bulb  |
| Indoor Operation Range  | Cooling | Maximum °C (°F)  | 32 (89.6)            | 23 (73.4) |
|                         |         | Minimum °C (°F)  | 16 (60.8)            | 11 (51.8) |
|                         | Heating | Maximum °C (°F)  | 30 (86.0)            | -         |
|                         |         | Minimum °C (°F)  | 16 (60.8)            | -         |
| Outdoor Operation Range | Cooling | Maximum °C (°F)  | 46 (114.8)           | 26 (78.8) |
|                         |         | Minimum °C (°F)  | -10 (14.0)           | -         |
|                         | Heating | Maximum °C (°F)  | 24 (75.2)            | 18 (64.4) |
|                         |         | Minimum °C (°F)  | -15 (5.0)            | -         |

1. Cooling capacities are based on indoor temperature of 27°C Dry Bulb (80.6°F Dry Bulb), 19.0°C Wet Bulb (66.2°F Wet Bulb) and outdoor air temperature of 35°C Dry Bulb (95°F Dry Bulb), 24°C Wet Bulb (75.2°F Wet Bulb).
2. Heating capacities are based on indoor temperature of 20°C Dry Bulb (68°F Dry Bulb) and outdoor air temperature of 7°C Dry Bulb (44.6°F Dry Bulb), 6°C Wet Bulb (42.8°F Wet Bulb).
3. Heating low temperature capacity, Input Power and COP measured at 230V, indoor temperature 20°C, outdoor 2/1°C.
4. Heating extreme low temperature capacity, Input Power and COP measured at 230V, indoor temperature 20°C, outdoor -7/-8°C.
5. TCSPF and HSPF only indicate the value of Residential Mixed Zone.
6. Sound pressure level specification is measured according to JIS C9612 [<70 dB(A)].
7. Specifications are subjected to change without prior notice for further improvement.