

### 3. Specifications

| Model                                              |                            |                    | Indoor         | CS-Z25UD3EAW        |       |       | CS-Z35UD3EAW        |       |       |
|----------------------------------------------------|----------------------------|--------------------|----------------|---------------------|-------|-------|---------------------|-------|-------|
|                                                    |                            |                    | Outdoor        | CU-Z25UBEA          |       |       | CU-Z35UBEA          |       |       |
| Performance Test Condition                         |                            |                    |                | EUROVENT            |       |       | EUROVENT            |       |       |
| Power Supply                                       |                            |                    | Phase, Hz      | Single, 50          |       |       | Single, 50          |       |       |
|                                                    |                            |                    | V              | 230                 |       |       | 230                 |       |       |
|                                                    |                            |                    |                | Min.                | Mid.  | Max.  | Min.                | Mid.  | Max.  |
| Cooling                                            | Capacity                   |                    | kW             | 0.85                | 2.50  | 3.20  | 0.85                | 3.50  | 4.00  |
|                                                    |                            |                    | BTU/h          | 2900                | 8530  | 10900 | 2900                | 11900 | 13600 |
|                                                    |                            |                    | Kcal/h         | 730                 | 2150  | 2750  | 730                 | 3010  | 3440  |
|                                                    | Running Current            |                    | A              | —                   | 2.70  | —     | —                   | 4.10  | —     |
|                                                    | Input Power                |                    | W              | 240                 | 580   | 850   | 240                 | 910   | 1.19k |
|                                                    | Annual Consumption         |                    | kWh            | —                   | 290   | —     | —                   | 455   | —     |
|                                                    | EER                        |                    | W/W            | 3.54                | 4.31  | 3.76  | 3.54                | 3.85  | 3.36  |
|                                                    |                            |                    | BTU/hW         | 12.08               | 14.71 | 12.82 | 12.08               | 13.08 | 11.43 |
|                                                    |                            |                    | Kcal/hW        | 3.04                | 3.71  | 3.24  | 3.04                | 3.31  | 2.89  |
|                                                    | ErP                        | Pdesign            | kW             | 2.5                 |       |       | 3.5                 |       |       |
|                                                    |                            | SEER               | (W/W)          | 5.9                 |       |       | 5.8                 |       |       |
|                                                    |                            | Annual Consumption | kWh            | 148                 |       |       | 211                 |       |       |
|                                                    |                            | Class              |                | A+                  |       |       | A+                  |       |       |
|                                                    | Power Factor               |                    | %              | —                   | 93    | —     | —                   | 97    | —     |
|                                                    | Indoor Noise (H / L / QLo) |                    | dB-A           | 33 / 27 / 24        |       |       | 33 / 27 / 24        |       |       |
|                                                    |                            |                    | Power Level dB | 49 / —              |       |       | 49 / —              |       |       |
|                                                    | Outdoor Noise (H / L)      |                    | dB-A           | 46 / —              |       |       | 48 / —              |       |       |
|                                                    |                            |                    | Power Level dB | 61 / —              |       |       | 63 / —              |       |       |
| Heating                                            | Capacity                   |                    | kW             | 0.85                | 3.20  | 4.60  | 0.85                | 4.20  | 5.10  |
|                                                    |                            |                    | BTU/h          | 2900                | 10900 | 15700 | 2900                | 14300 | 17400 |
|                                                    |                            |                    | Kcal/h         | 730                 | 2750  | 3960  | 730                 | 3610  | 4390  |
|                                                    | Running Current            |                    | A              | —                   | 3.60  | —     | —                   | 4.90  | —     |
|                                                    | Input Power                |                    | W              | 230                 | 800   | 1.25k | 230                 | 1.10k | 1.42k |
|                                                    | COP                        |                    | W/W            | 3.70                | 4.00  | 3.68  | 3.70                | 3.82  | 3.59  |
|                                                    |                            |                    | BTU/hW         | 12.61               | 13.63 | 12.56 | 12.61               | 13.00 | 12.25 |
|                                                    |                            |                    | Kcal/hW        | 3.17                | 3.44  | 3.17  | 3.17                | 3.28  | 3.09  |
|                                                    | ErP                        | Pdesign            | kW             | 2.6                 |       |       | 2.8                 |       |       |
|                                                    |                            | Tbivalent          | °C             | -10                 |       |       | -10                 |       |       |
|                                                    |                            | SCOP               | (W/W)          | 4.2                 |       |       | 4.1                 |       |       |
|                                                    |                            | Annual Consumption | kWh            | 867                 |       |       | 956                 |       |       |
|                                                    |                            | Class              |                | A+                  |       |       | A+                  |       |       |
|                                                    | Power Factor               |                    | %              | —                   | 97    | —     | —                   | 98    | —     |
|                                                    | Indoor Noise (H / L / QLo) |                    | dB-A           | 35 / 27 / 24        |       |       | 35 / 27 / 24        |       |       |
|                                                    |                            |                    | Power Level dB | 51 / —              |       |       | 51 / —              |       |       |
|                                                    | Outdoor Noise (H / L)      |                    | dB-A           | 47 / —              |       |       | 48 / —              |       |       |
|                                                    |                            |                    | Power Level dB | 62 / —              |       |       | 63 / —              |       |       |
| Low Temp. : Capacity (kW) / I.Power (W) / COP      |                            |                    |                | 3.33 / 1.11k / 3.00 |       |       | 3.70 / 1.26k / 2.94 |       |       |
| Extr Low Temp. : Capacity (kW) / I.Power (W) / COP |                            |                    |                | 2.60 / 1.20k / 2.17 |       |       | 3.00 / 1.25k / 2.40 |       |       |
| Max Current (A) / Max Input Power (W)              |                            |                    |                | 5.6 / 1.25k         |       |       | 6.6 / 1.42k         |       |       |
| Starting Current (A)                               |                            |                    |                | 3.60                |       |       | 4.90                |       |       |

| Model               |              |                                                                |                   | Indoor      | CS-Z25UD3EAW                    |             | CS-Z35UD3EAW                    |  |
|---------------------|--------------|----------------------------------------------------------------|-------------------|-------------|---------------------------------|-------------|---------------------------------|--|
|                     |              |                                                                |                   | Outdoor     | CU-Z25UBEA                      |             | CU-Z35UBEA                      |  |
| Compressor          |              | Type                                                           |                   |             | Hermetic Motor (Rotary)         |             | Hermetic Motor (Rotary)         |  |
|                     |              | Motor Type                                                     |                   |             | Brushless (6 poles)             |             | Brushless (6 poles)             |  |
|                     |              | Output Power                                                   |                   | W           | 700                             |             | 700                             |  |
| Indoor Fan          | Type         |                                                                |                   |             | SIROCCO                         |             | SIROCCO                         |  |
|                     | Material     |                                                                |                   |             | GFZ010A / GF20                  |             | GFZ010A / GF20                  |  |
|                     | Motor Type   |                                                                |                   |             | DC / Transistor (8-poles)       |             | DC / Transistor (8-poles)       |  |
|                     | Input Power  |                                                                |                   | W           | —                               |             | —                               |  |
|                     | Output Power |                                                                |                   | W           | 51                              |             | 51                              |  |
|                     | Speed        | QLo                                                            | Cool              | rpm         | 800                             |             | 800                             |  |
|                     |              |                                                                | Heat              | rpm         | 790                             |             | 790                             |  |
|                     |              | Lo                                                             | Cool              | rpm         | 880                             |             | 880                             |  |
|                     |              |                                                                | Heat              | rpm         | 860                             |             | 860                             |  |
|                     |              | Me                                                             | Cool              | rpm         | 990                             |             | 1010                            |  |
|                     |              |                                                                | Heat              | rpm         | 980                             |             | 1000                            |  |
|                     |              | Hi                                                             | Cool              | rpm         | 1100                            |             | 1140                            |  |
|                     |              |                                                                | Heat              | rpm         | 1100                            |             | 1140                            |  |
|                     |              | SHi                                                            | Cool              | rpm         | 1150                            |             | 1190                            |  |
|                     |              |                                                                | Heat              | rpm         | 1150                            |             | 1190                            |  |
| Outdoor Fan         | Type         |                                                                |                   |             | Propeller Fan                   |             | Propeller Fan                   |  |
|                     | Material     |                                                                |                   |             | PP                              |             | PP                              |  |
|                     | Motor Type   |                                                                |                   |             | DC (8-poles)                    |             | DC (8-poles)                    |  |
|                     | Input Power  |                                                                |                   | W           | —                               |             | —                               |  |
|                     | Output Power |                                                                |                   | W           | 40                              |             | 40                              |  |
|                     | Speed        | Hi                                                             | Cool              | rpm         | 820                             |             | 850                             |  |
|                     |              |                                                                | Heat              | rpm         | 780                             |             | 830                             |  |
| Moisture Removal    |              |                                                                |                   | L/h (Pt/h)  | 1.5 (3.2)                       |             | 2.0 (4.2)                       |  |
| Indoor Airflow      | QLo          | Cool                                                           | m³/min (ft³/min.) | 7.4 (261)   |                                 | 7.2 (254)   |                                 |  |
|                     |              | Heat                                                           | m³/min (ft³/min.) | 7.3 (258)   |                                 | 7.1 (251)   |                                 |  |
|                     | Lo           | Cool                                                           | m³/min (ft³/min.) | 8.2 (290)   |                                 | 8.2 (290)   |                                 |  |
|                     |              | Heat                                                           | m³/min (ft³/min.) | 8.0 (283)   |                                 | 7.9 (279)   |                                 |  |
|                     | Me           | Cool                                                           | m³/min (ft³/min.) | 9.3 (328)   |                                 | 9.5 (335)   |                                 |  |
|                     |              | Heat                                                           | m³/min (ft³/min.) | 9.3 (328)   |                                 | 9.5 (335)   |                                 |  |
|                     | Hi           | Cool                                                           | m³/min (ft³/min.) | 10.5 (370)  |                                 | 11.2 (395)  |                                 |  |
|                     |              | Heat                                                           | m³/min (ft³/min.) | 10.5 (370)  |                                 | 11.2 (395)  |                                 |  |
|                     | SHi          | Cool                                                           | m³/min (ft³/min.) | 11.1 (392)  |                                 | 11.7 (413)  |                                 |  |
|                     |              | Heat                                                           | m³/min (ft³/min.) | 11.1 (392)  |                                 | 11.7 (413)  |                                 |  |
| Outdoor Airflow     | Hi           | Cool                                                           | m³/min (ft³/min.) | 28.7 (1015) |                                 | 34.3 (1210) |                                 |  |
|                     |              | Heat                                                           | m³/min (ft³/min.) | 27.2 (960)  |                                 | 33.5 (1185) |                                 |  |
| Refrigeration Cycle |              | Control Device                                                 |                   |             | Expansion Valve                 |             | Expansion Valve                 |  |
|                     |              | Refrigerant Oil                                                |                   | cm³         | FW50S (320)                     |             | FW50S (320)                     |  |
|                     |              | Refrigerant Type                                               |                   | g (oz)      | R32, 880 (31.1)                 |             | R32, 930 (32.8)                 |  |
| F-Gas               |              | GWP                                                            |                   |             | 675                             |             | 675                             |  |
|                     |              | CO2eq (ton)<br>(Precharged Amount /<br>Maximum Charged Amount) |                   |             | 0.594 / 0.678                   |             | 0.628 / 0.712                   |  |
| Dimension           |              | Height (I/D / O/D)                                             |                   | mm (inch)   | 200 (7-7/8) / 542 (21-11/32)    |             | 200 (7-7/8) / 619 (24-3/8)      |  |
|                     |              | Width (I/D / O/D)                                              |                   | mm (inch)   | 750 (29-17/32) / 780 (30-23/32) |             | 750 (29-17/32) / 824 (32-15/32) |  |
|                     |              | Depth (I/D / O/D)                                              |                   | mm (inch)   | 640 (25-7/32) / 289 (11-13/32)  |             | 640 (25-7/32) / 299 (11-25/32)  |  |

| Model                   |                              | Indoor      | CS-Z25UD3EAW             |          | CS-Z35UD3EAW              |          |
|-------------------------|------------------------------|-------------|--------------------------|----------|---------------------------|----------|
|                         |                              | Outdoor     | CU-Z25UBEA               |          | CU-Z35UBEA                |          |
| Weight                  | Net (I/D / O/D)              | kg (lb)     | 19 (42) / 33 (73)        |          | 19 (42) / 35 (77)         |          |
| Piping                  | Pipe Diameter (Liquid / Gas) | mm (inch)   | 6.35 (1/4) / 9.52 (3/8)  |          | 6.35 (1/4) / 9.52 (3/8)   |          |
|                         | Standard length              | m (ft)      | 5.0 (16.4)               |          | 5.0 (16.4)                |          |
|                         | Length range (min – max)     | m (ft)      | 3 (9.8) ~ 20 (65.6)      |          | 3 (9.8) ~ 20 (65.6)       |          |
|                         | I/D & O/D Height different   | m (ft)      | 15.0 (49.2)              |          | 15.0 (49.2)               |          |
|                         | Additional Gas Amount        | g/m (oz/ft) | 10 (0.1)                 |          | 10 (0.1)                  |          |
|                         | Length for Additional Gas    | m (ft)      | 7.5 (24.6)               |          | 7.5 (24.6)                |          |
| Drain Hose              | Inner Diameter               | mm          | 16                       |          | 16                        |          |
|                         | Length                       | mm          | 117.5                    |          | 117.5                     |          |
| Indoor Heat Exchanger   | Fin Material                 |             | Aluminium (Pre Coat)     |          | Aluminium (Pre Coat)      |          |
|                         | Fin Type                     |             | Slit Fin                 |          | Slit Fin                  |          |
|                         | Row × Stage × FPI            |             | 3 × 12 × 18              |          | 3 × 12 × 18               |          |
|                         | Size (W × H × L)             | mm          | 590 × 282 × 38.1         |          | 590 × 282 × 38.1          |          |
| Outdoor Heat Exchanger  | Fin Material                 |             | Aluminium                |          | Aluminium                 |          |
|                         | Fin Type                     |             | Corrugated Fin           |          | Corrugated Fin            |          |
|                         | Row × Stage × FPI            |             | 2 × 24 × 19              |          | 2 × 28 × 17               |          |
|                         | Size (W × H × L)             | mm          | 36.4 × 504 × 824.2:793.7 |          | 36.38 × 588 × 856.3:827.7 |          |
| Air Filter              | Material                     |             | –                        |          | –                         |          |
|                         | Type                         |             | –                        |          | –                         |          |
| Power Supply            |                              |             | Outdoor                  |          | Outdoor                   |          |
| Power Supply Cord       |                              | A           | Nil                      |          | Nil                       |          |
| Thermostat              |                              |             | Electronic Contol        |          | Electronic Contol         |          |
| Protection Device       |                              |             | Electronic Contol        |          | Electronic Contol         |          |
|                         |                              |             | Dry Bulb                 | Wet Bulb | Dry Bulb                  | Wet Bulb |
| Indoor Operation Range  | Cooling                      | Maximum °C  | 32                       | 23       | 32                        | 23       |
|                         |                              | Minimum °C  | 16                       | 11       | 16                        | 11       |
|                         | Heating                      | Maximum °C  | 30                       | –        | 30                        | –        |
|                         |                              | Minimum °C  | 16                       | –        | 16                        | –        |
| Outdoor Operation Range | Cooling                      | Maximum °C  | 43                       | 26       | 43                        | 26       |
|                         |                              | Minimum °C  | -10                      | –        | -10                       | –        |
|                         | Heating                      | Maximum °C  | 24                       | 18       | 24                        | 18       |
|                         |                              | Minimum °C  | -15                      | -16      | -15                       | -16      |

- 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).
- 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).
- Heating low temperature capacity, Input Power and COP measured at 230 V, indoor temperature 20°C, outdoor 2/1°C.
- Heating extreme low temperature capacity, Input Power and COP measured at 230 V, indoor temperature 20°C, outdoor -7/-8°C.
- Standby power consumption ≤10.0w (when switched OFF by remote control, except under self protection control).
- Specifications are subjected to change without prior notice for further improvement.

| Model                                              |                            |                    | Indoor         | CS-Z50UD3EAW        |       |       | CS-Z60UD3EAW        |       |       |
|----------------------------------------------------|----------------------------|--------------------|----------------|---------------------|-------|-------|---------------------|-------|-------|
|                                                    |                            |                    | Outdoor        | CU-Z50UBEA          |       |       | CU-Z60UBEA          |       |       |
| Performance Test Condition                         |                            |                    |                | EUROVENT            |       |       | EUROVENT            |       |       |
| Power Supply                                       |                            |                    | Phase, Hz      | Single, 50          |       |       | Single, 50          |       |       |
|                                                    |                            |                    | V              | 230                 |       |       | 230                 |       |       |
|                                                    |                            |                    |                | Min.                | Mid.  | Max.  | Min.                | Mid.  | Max.  |
| Cooling                                            | Capacity                   |                    | kW             | 0.90                | 5.10  | 5.70  | 0.90                | 6.00  | 6.50  |
|                                                    |                            |                    | BTU/h          | 3070                | 17400 | 19400 | 3070                | 20500 | 22200 |
|                                                    |                            |                    | Kcal/h         | 770                 | 4390  | 4900  | 770                 | 5160  | 5590  |
|                                                    | Running Current            |                    | A              | —                   | 6.90  | —     | —                   | 9.00  | —     |
|                                                    | Input Power                |                    | W              | 255                 | 1.56k | 1.78k | 255                 | 2.04k | 2.30k |
|                                                    | Annual Consumption         |                    | kWh            | —                   | 780   | —     | —                   | 1020  | —     |
|                                                    | EER                        |                    | W/W            | 3.53                | 3.27  | 3.20  | 3.53                | 2.94  | 2.83  |
|                                                    |                            |                    | BTU/hW         | 12.04               | 11.15 | 10.90 | 12.04               | 10.05 | 9.65  |
|                                                    |                            |                    | Kcal/hW        | 3.02                | 2.81  | 2.75  | 3.02                | 2.53  | 2.43  |
|                                                    | ErP                        | Pdesign            | kW             | 5.1                 |       |       | 6.0                 |       |       |
|                                                    |                            | SEER               | (W/W)          | 5.9                 |       |       | 5.6                 |       |       |
|                                                    |                            | Annual Consumption | kWh            | 303                 |       |       | 375                 |       |       |
|                                                    |                            | Class              |                | A+                  |       |       | A+                  |       |       |
|                                                    | Power Factor               |                    | %              | —                   | 98    | —     | —                   | 99    | —     |
|                                                    | Indoor Noise (H / L / QLo) |                    | dB-A           | 39 / 29 / 26        |       |       | 41 / 30 / 27        |       |       |
|                                                    |                            |                    | Power Level dB | 55 / —              |       |       | 57 / —              |       |       |
|                                                    | Outdoor Noise (H / L)      |                    | dB-A           | 48 / —              |       |       | 49 / —              |       |       |
|                                                    |                            |                    | Power Level dB | 63 / —              |       |       | 64 / —              |       |       |
| Heating                                            | Capacity                   |                    | kW             | 0.90                | 6.10  | 7.20  | 0.90                | 7.00  | 8.00  |
|                                                    |                            |                    | BTU/h          | 3070                | 20800 | 24600 | 3070                | 23900 | 27300 |
|                                                    |                            |                    | Kcal/h         | 770                 | 5250  | 6190  | 770                 | 6020  | 6880  |
|                                                    | Running Current            |                    | A              | —                   | 8.00  | —     | —                   | 9.70  | —     |
|                                                    | Input Power                |                    | W              | 260                 | 1.82k | 2.20k | 260                 | 2.16k | 2.60k |
|                                                    | COP                        |                    | W/W            | 3.46                | 3.35  | 3.27  | 3.46                | 3.24  | 3.08  |
|                                                    |                            |                    | BTU/hW         | 11.81               | 11.43 | 11.18 | 11.81               | 11.06 | 10.50 |
|                                                    |                            |                    | Kcal/hW        | 2.96                | 2.88  | 2.81  | 2.96                | 2.79  | 2.65  |
|                                                    | ErP                        | Pdesign            | kW             | 4.0                 |       |       | 4.6                 |       |       |
|                                                    |                            | Tbivalent          | °C             | -10                 |       |       | -10                 |       |       |
|                                                    |                            | SCOP               | (W/W)          | 4.1                 |       |       | 4.1                 |       |       |
|                                                    |                            | Annual Consumption | kWh            | 1366                |       |       | 1571                |       |       |
|                                                    |                            | Class              |                | A+                  |       |       | A+                  |       |       |
|                                                    | Power Factor               |                    | %              | —                   | 99    | —     | —                   | 97    | —     |
|                                                    | Indoor Noise (H / L / QLo) |                    | dB-A           | 39 / 30 / 27        |       |       | 41 / 32 / 29        |       |       |
|                                                    |                            |                    | Power Level dB | 55 / —              |       |       | 57 / —              |       |       |
|                                                    | Outdoor Noise (H / L)      |                    | dB-A           | 48 / —              |       |       | 50 / —              |       |       |
|                                                    |                            |                    | Power Level dB | 63 / —              |       |       | 65 / —              |       |       |
| Low Temp. : Capacity (kW) / I.Power (W) / COP      |                            |                    |                | 5.22 / 1.95k / 2.68 |       |       | 5.80 / 2.30k / 2.52 |       |       |
| Extr Low Temp. : Capacity (kW) / I.Power (W) / COP |                            |                    |                | 4.50 / 1.95k / 2.31 |       |       | 5.10 / 2.32k / 2.20 |       |       |
| Max Current (A) / Max Input Power (W)              |                            |                    |                | 9.9 / 2.20k         |       |       | 12.3 / 2.70k        |       |       |
| Starting Current (A)                               |                            |                    |                | 8.00                |       |       | 9.70                |       |       |

| Model               |                                                                |      |                   | Indoor                          | CS-Z50UD3EAW                    | CS-Z60UD3EAW              |
|---------------------|----------------------------------------------------------------|------|-------------------|---------------------------------|---------------------------------|---------------------------|
|                     |                                                                |      |                   | Outdoor                         | CU-Z50UBEA                      | CU-Z60UBEA                |
| Compressor          | Type                                                           |      |                   |                                 | Hermetic Motor (Rotary)         | Hermetic Motor (Rotary)   |
|                     | Motor Type                                                     |      |                   |                                 | Brushless (4 poles)             | Brushless (4 poles)       |
|                     | Output Power                                                   |      |                   | W                               | 900                             | 900                       |
| Indoor Fan          | Type                                                           |      |                   |                                 | SIROCCO                         | SIROCCO                   |
|                     | Material                                                       |      |                   |                                 | GFZ010A / GF20                  | GFZ010A / GF20            |
|                     | Motor Type                                                     |      |                   |                                 | DC / Transistor (8-poles)       | DC / Transistor (8-poles) |
|                     | Input Power                                                    |      |                   | W                               | —                               | —                         |
|                     | Output Power                                                   |      |                   | W                               | 51                              | 51                        |
|                     | Speed                                                          | QLo  | Cool              | rpm                             | 920                             | 920                       |
|                     |                                                                |      | Heat              | rpm                             | 920                             | 920                       |
|                     |                                                                | Lo   | Cool              | rpm                             | 940                             | 980                       |
|                     |                                                                |      | Heat              | rpm                             | 980                             | 1000                      |
|                     |                                                                | Me   | Cool              | rpm                             | 1190                            | 1230                      |
|                     |                                                                |      | Heat              | rpm                             | 1210                            | 1240                      |
|                     |                                                                | Hi   | Cool              | rpm                             | 1440                            | 1480                      |
|                     |                                                                |      | Heat              | rpm                             | 1440                            | 1480                      |
|                     |                                                                | SHi  | Cool              | rpm                             | 1490                            | 1530                      |
|                     |                                                                |      | Heat              | rpm                             | 1490                            | 1530                      |
| Outdoor Fan         | Type                                                           |      |                   |                                 | Propeller Fan                   | Propeller Fan             |
|                     | Material                                                       |      |                   |                                 | PP                              | PP                        |
|                     | Motor Type                                                     |      |                   |                                 | DC (8-poles)                    | DC (8-poles)              |
|                     | Input Power                                                    |      |                   | W                               | —                               | —                         |
|                     | Output Power                                                   |      |                   | W                               | 40                              | 40                        |
|                     | Speed                                                          | Hi   | Cool              | rpm                             | 720                             | 770                       |
|                     |                                                                |      | Heat              | rpm                             | 700                             | 750                       |
| Moisture Removal    |                                                                |      | L/h (Pt/h)        | 2.8 (5.9)                       | 3.3 (7.0)                       |                           |
| Indoor Airflow      | QLo                                                            | Cool | m³/min (ft³/min.) | 8.9 (314)                       | 8.9 (314)                       |                           |
|                     |                                                                | Heat | m³/min (ft³/min.) | 8.9 (314)                       | 8.7 (307)                       |                           |
|                     | Lo                                                             | Cool | m³/min (ft³/min.) | 9.2 (325)                       | 9.4 (332)                       |                           |
|                     |                                                                | Heat | m³/min (ft³/min.) | 9.6 (339)                       | 9.7 (343)                       |                           |
|                     | Me                                                             | Cool | m³/min (ft³/min.) | 12.1 (427)                      | 12.6 (445)                      |                           |
|                     |                                                                | Heat | m³/min (ft³/min.) | 12.4 (438)                      | 12.7 (448)                      |                           |
|                     | Hi                                                             | Cool | m³/min (ft³/min.) | 15.30 (540)                     | 15.70 (555)                     |                           |
|                     |                                                                | Heat | m³/min (ft³/min.) | 15.30 (540)                     | 15.70 (555)                     |                           |
|                     | SHi                                                            | Cool | m³/min (ft³/min.) | 15.9 (562)                      | 16.4 (579)                      |                           |
|                     |                                                                | Heat | m³/min (ft³/min.) | 15.9 (562)                      | 16.0 (565)                      |                           |
| Outdoor Airflow     | Hi                                                             | Cool | m³/min (ft³/min.) | 39.7 (1400)                     | 42.6 (1505)                     |                           |
|                     |                                                                | Heat | m³/min (ft³/min.) | 38.6 (1365)                     | 41.5 (1465)                     |                           |
| Refrigeration Cycle | Control Device                                                 |      |                   | Expansion Valve                 | Expansion Valve                 |                           |
|                     | Refrigerant Oil                                                |      | cm³               | FW50S (450)                     | FW50S (450)                     |                           |
|                     | Refrigerant Type                                               |      | g (oz)            | R32, 1.13k (39.9)               | R32, 1.13k (39.9)               |                           |
| F-Gas               | GWP                                                            |      |                   | 675                             | 675                             |                           |
|                     | CO2eq (ton)<br>(Precharged Amount /<br>Maximum Charged Amount) |      |                   | 0.763 / 0.991                   | 0.763 / 0.991                   |                           |
| Dimension           | Height (I/D / O/D)                                             |      | mm (inch)         | 200 (7-7/8) / 695 (27-3/8)      | 200 (7-7/8) / 695 (27-3/8)      |                           |
|                     | Width (I/D / O/D)                                              |      | mm (inch)         | 750 (29-17/32) / 875 (34-15/32) | 750 (29-17/32) / 875 (34-15/32) |                           |
|                     | Depth (I/D / O/D)                                              |      | mm (inch)         | 640 (25-7/32) / 320 (12-5/8)    | 640 (25-7/32) / 320 (12-5/8)    |                           |

| Model                   |                              | Indoor      | CS-Z50UD3EAW              |          | CS-Z60UD3EAW              |          |
|-------------------------|------------------------------|-------------|---------------------------|----------|---------------------------|----------|
|                         |                              | Outdoor     | CU-Z50UBEA                |          | CU-Z60UBEA                |          |
| Weight                  | Net (I/D / O/D)              | kg (lb)     | 19 (42) / 43 (95)         |          | 19 (42) / 43 (95)         |          |
| Piping                  | Pipe Diameter (Liquid / Gas) | mm (inch)   | 6.35 (1/4) / 12.70 (1/2)  |          | 6.35 (1/4) / 12.70 (1/2)  |          |
|                         | Standard length              | m (ft)      | 5.0 (16.4)                |          | 5.0 (16.4)                |          |
|                         | Length range (min – max)     | m (ft)      | 3 (9.8) ~ 30 (98.4)       |          | 3 (9.8) ~ 30 (98.4)       |          |
|                         | I/D & O/D Height different   | m (ft)      | 20.0 (65.6)               |          | 20.0 (65.6)               |          |
|                         | Additional Gas Amount        | g/m (oz/ft) | 15 (0.2)                  |          | 15 (0.2)                  |          |
|                         | Length for Additional Gas    | m (ft)      | 7.5 (24.6)                |          | 7.5 (24.6)                |          |
| Drain Hose              | Inner Diameter               | mm          | 16                        |          | 16                        |          |
|                         | Length                       | mm          | 117.5                     |          | 117.5                     |          |
| Indoor Heat Exchanger   | Fin Material                 |             | Aluminium (Pre Coat)      |          | Aluminium (Pre Coat)      |          |
|                         | Fin Type                     |             | Slit Fin                  |          | Slit Fin                  |          |
|                         | Row × Stage × FPI            |             | 3 × 12 × 18               |          | 3 × 12 × 18               |          |
|                         | Size (W × H × L)             | mm          | 590 × 282 × 38.1          |          | 590 × 282 × 38.1          |          |
| Outdoor Heat Exchanger  | Fin Material                 |             | Aluminium                 |          | Aluminium                 |          |
|                         | Fin Type                     |             | Corrugated Fin (Pre Coat) |          | Corrugated Fin (Pre Coat) |          |
|                         | Row × Stage × FPI            |             | 2 × 31 × 19               |          | 2 × 31 × 19               |          |
|                         | Size (W × H × L)             | mm          | 36.4 × 651 × 854.5:824.5  |          | 36.4 × 651 × 854.5:824.5  |          |
| Air Filter              | Material                     |             | –                         |          | –                         |          |
|                         | Type                         |             | –                         |          | –                         |          |
| Power Supply            |                              |             | Outdoor                   |          | Outdoor                   |          |
| Power Supply Cord       |                              | A           | Nil                       |          | Nil                       |          |
| Thermostat              |                              |             | Electronic Control        |          | Electronic Control        |          |
| Protection Device       |                              |             | Electronic Control        |          | Electronic Control        |          |
|                         |                              |             | Dry Bulb                  | Wet Bulb | Dry Bulb                  | Wet Bulb |
| Indoor Operation Range  | Cooling                      | Maximum °C  | 32                        | 23       | 32                        | 23       |
|                         |                              | Minimum °C  | 16                        | 11       | 16                        | 11       |
|                         | Heating                      | Maximum °C  | 30                        | –        | 30                        | –        |
|                         |                              | Minimum °C  | 16                        | –        | 16                        | –        |
| Outdoor Operation Range | Cooling                      | Maximum °C  | 43                        | 26       | 43                        | 26       |
|                         |                              | Minimum °C  | -10                       | –        | -10                       | –        |
|                         | Heating                      | Maximum °C  | 24                        | 18       | 24                        | 18       |
|                         |                              | Minimum °C  | -15                       | -16      | -15                       | -16      |

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 230 V, indoor temperature 20°C, outdoor 2/1°C.
4. Heating extreme low temperature capacity, Input Power and COP measured at 230 V, indoor temperature 20°C, outdoor -7/-8°C.
5. Standby power consumption ≤10.0w (when switched OFF by remote control, except under self protection control).
6. Specifications are subjected to change without prior notice for further improvement.