



## SRK50ZS-W / SRC50ZS-W

5.0(1.3~5.5)

Indoor Unit : SRK50ZS-W

Outdoor Unit : SRC50ZS-W

### Specifications

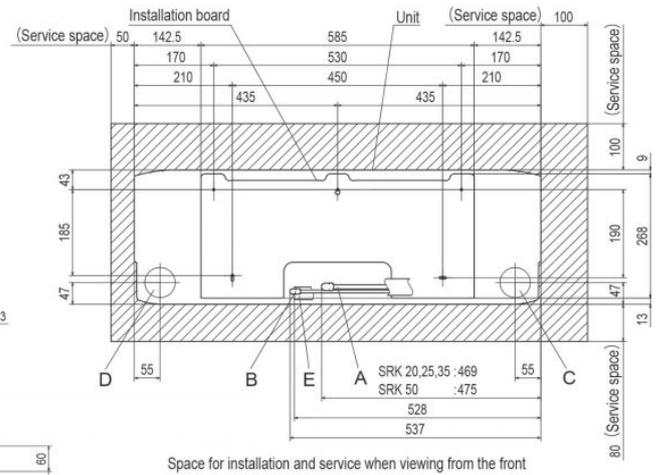
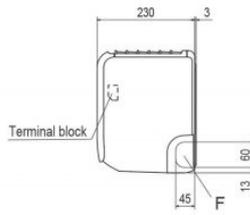
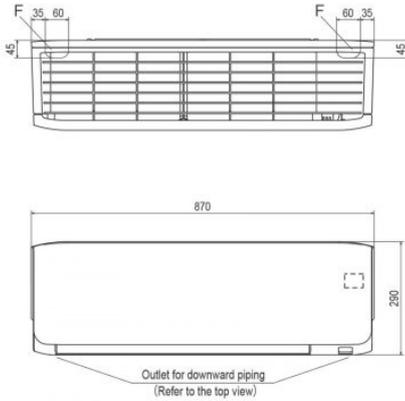
R32

|  |                         |                        |   |
|--|-------------------------|------------------------|---|
| Indoor unit                                      |                         |                        | SRK50ZS-W   |
| Outdoor unit                                     |                         |                        | SRC50ZS-W   |
| Power source                                     |                         |                        | 1Phase, 220 - 240, 50Hz   |
| Nominal cooling capacity (Min~Max)               |                         | kW                     | 5.0(1.3~5.5)  |
| Nominal heating capacity (Min~Max)               |                         | kW                     | 5.8(1.3~6.6)  |
| Power consumption                                | Cooling/Heating         | kW                     | 1.35 / 1.56   |
| EER/COP  | Cooling/Heating         |                        | 3.70 / 3.72   |
| Max. running current                             |                         | A                      | 14.5  |
| Sound power level                                | Indoor                  | Cooling/Heating        | 59 / 60   |
|  | Outdoor                 | Cooling/Heating        | 61 / 63   |
| Sound pressure level                             | Indoor                  | Cooling (Hi/Me/Lo/Ulo) | 46 / 36 / 29 / 22   |
|  |                         | Heating (Hi/Me/Lo/Ulo) | 46 / 37 / 31 / 24   |
|  | Outdoor                 | Cooling/Heating        | 51 / 52   |
| Air flow   | Indoor                  | Cooling (Hi/Me/Lo/Ulo) | 12.1 / 9.9 / 7.4 / 5.9  |
|  |                         | Heating (Hi/Me/Lo/Ulo) | 13.9 / 11.2 / 9.1 / 7.4   |
|  | Outdoor                 | Cooling/Heating        | 32.8 / 32.8   |
| Exterior Dimensions                              | Indoor                  | Height x Width x Depth | mm  |
|  | Outdoor                 |                        |   |
| Net weight                                       | Indoor / Outdoor        |                        | kg  |
| Refrigerant                                      | Type/GWP                |                        | R32 / 675   |
| Refrigerant                                      | Charge                  | kg/TCO2Eq              | 1.05 / 0.709  |
| Refrigerant piping size                          | Liquid/Gas              | ø mm                   | 6.35(1/4") / 12.7(1/2")   |
| Refrigerant line (one way) length                |                         | m                      | Max. 25   |
| Vertical height differences                      | Outdoor is higher/lower | m                      | Max. 15 / Max. 15   |
| Outdoor operating temperature range              | Cooling                 | °C                     | -15~46  |
|  | Heating                 |                        | -15~24  |
| Clean filter                                     |                         |                        | Allergen Clear Filter x 1, Photocatalytic Washable Deodorizing Filter x 1 |
| Energy Class (Cooling/Heating)                   |                         |                        | A+ +/A+ +   |
| SEER   |                         |                        | 7.00  |
| SCOP (Average climate)                           |                         |                        | 4.60  |
| Pdesign (cooling/heating(@-10°C))                |                         | kW                     | 5.00/3.80   |
| Annual Electricity Consumption (cooling/heating) |                         | kWh/a                  | 250/1158  |
| Designated Heating Season                        |                         |                        | Average   |

- The data is measured under the following conditions(ISO-T1, H1). Cooling: Indoor temp. of 27°CDB, 19°CWB, and outdoor temp. of 35°CDB. Heating: Indoor temp. of 20°CDB, and outdoor temp. of 7°CDB, 6°CWB.
  - Sound level indicates the value in an anechoic chamber. During operation these values are somewhat higher due to ambient conditions.
  - 'tonne(s) of CO2 equivalent' means a quantity of greenhouse gases- expressed as the product of the weight of the greenhouse gases in metric tonnes and of their global warming potential.
- \*SEER/SCOP are based on EN14825:2016 and Commission regulation (EU) No.2016/2281

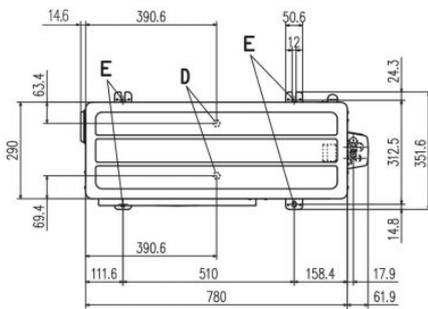
## Schematics

**SRK20ZS-W,-WB,-WT SRK25ZS-W,-WB,-WT**  
**SRK35ZS-W,-WB,-WT SRK50ZS-W,-WB,-WT**  
**SRK20ZS-S,-SB,-ST SRK25ZS-S,-SB,-ST**  
**SRK35ZS-S,-SB,-ST SRK50ZS-S,-SB,-ST**



| Symbol | Content                            |  |
|--------|------------------------------------|--|
| A      | Gas piping                         | SRK20, 25, 35 $\phi$ 9.52 (3/8") (Flare)<br>SRK50 $\phi$ 12.7 (1/2") (Flare) |
| B      | Liquid piping                      | $\phi$ 6.35 (1/4") (Flare)   |
| C      | Hole on wall for right rear piping | ( $\phi$ 65)   |
| D      | Hole on wall for left rear piping  | ( $\phi$ 65)   |
| E      | Drain hose                         | VP16   |
| F      | Outlet for piping (on both side)   |  |

**SRC50ZS-W,-S SRC25ZMX-S SRC35ZMX-S SRC45ZSP-W,-S**



| Symbol | Content                                |   |
|--------|--|---|
| A      | Service valve connection (gas side)    | ZMX : $\phi$ 9.52(3/8") (flare)<br>ZS,ZMP : $\phi$ 12.7(1/2") (flare) |
| B      | Service valve connection (liquid side) | $\phi$ 6.35 (1/4") (Flare)  |
| C      | Pipe/cable draw-out hole               |   |
| D      | Drain discharge hole                   | $\phi$ 20X2places   |
| E      | Anchor bolt hole                       | M10X4places   |

| Examples of installation Dimensions | Minimum installation space |      |      |      |
|-------------------------------------|----------------------------|------|------|------|
|                                     | I                          | II   | III  | IV   |
| L1                                  | Open                       | 280  | 280  | 180  |
| L2                                  | 100                        | 75   | Open | Open |
| L3                                  | 100                        | 80   | 80   | 80   |
| L4                                  | 250                        | Open | 250  | Open |

