

# LARGE COMFORT

## Wall



SRK 63~80 ZR-WF



<INCLUDED>



<ALLERGEN CLEAR FILTER>



<RC INCLUDED>



SRC 63 ZR-W SRC 71~80 ZR-W



| Indoor unit model   |                                      | SRK 63 ZR-WF               |                            | SRK 71 ZR-WF               |                       | SRK 80 ZR-WF |  |
|---|--------------------------------------|----------------------------|----------------------------|----------------------------|-----------------------|--------------|--|
| Outdoor unit model  |                                      | SRC 63 ZR-W                |                            | SRC 71 ZR-W                |                       | SRC 80 ZR-W  |  |
| Type  |                                      | DC-Inverter heat pump      |                            |                            |                       |              |  |
| Control (included)  |                                      | Remote control             |                            |                            |                       |              |  |
| Nominal data  |                                      |                            |                            |                            |                       |              |  |
| Rated capacity (T=+35°C)  | Cooling                              | kW                         | 6.30 (1.20~7.40)           | 7.10 (2.30~7.80)           | 8.00 (2.30~9.70)      |              |  |
| Rated absorbed power (T=+35°C)  |                                      | kW                         | 1.63 (0.20~2.50)           | 1.93 (0.48~2.40)           | 2.09 (0.48~3.20)      |              |  |
| Rated energy efficiency coefficient                                     |                                      | EER1                       | 3.89                       | 3.68                       | 3.83                  |              |  |
| Rated capacity (T=+7°C)   | Heating                              | kW                         | 7.10 (0.80~9.30)           | 8.00 (2.00~10.80)          | 9.00 (2.10~11.20)     |              |  |
| Rated absorbed power (T=+7°C)   |                                      | kW                         | 1.64 (0.16~2.80)           | 1.95 (0.40~3.60)           | 2.27 (0.40~3.50)      |              |  |
| Rated energy performance coefficient                                    |                                      | COP1                       | 4.33                       | 4.10                       | 3.96                  |              |  |
| Seasonal data   |                                      |                            |                            |                            |                       |              |  |
| Theoretical load (Pdesignc)   | Cooling                              | kW                         | 6.30                       | 7.10                       | 8.00                  |              |  |
| Seasonal energy efficiency index  |                                      | SEER2                      | 8.10                       | 7.40                       | 7.00                  |              |  |
| Seasonal energy efficiency class  |                                      | 626/20113                  | A++                        | A++                        | A++                   |              |  |
| Annual energy consumption   |                                      | kWh/a                      | 273                        | 337                        | 401                   |              |  |
| Theoretical load (Pdesignh) @-10°C                                      | Heating (average climate conditions) | kW                         | 5.40                       | 6.60                       | 7.10                  |              |  |
| Seasonal energy efficiency index  |                                      | SCOP2                      | 4.70                       | 4.50                       | 4.40                  |              |  |
| Seasonal energy efficiency class  |                                      | 626/20113                  | A++                        | A+                         | A+                    |              |  |
| Annual energy consumption   |                                      | kWh/a                      | 1608                       | 2055                       | 2259                  |              |  |
| Electrical data   |                                      |                            |                            |                            |                       |              |  |
| Power supply  | Outdoor unit                         | Ph-V-Hz                    | 1Ph - 220/240V - 50Hz      |                            |                       |              |  |
| Power cable   |                                      | Type                       | 3 x 4 mm <sup>2</sup>      | 3 x 4 mm <sup>2</sup>      | 3 x 4 mm <sup>2</sup> |              |  |
| Connection wires between I.U. and O.U.                                  |                                      | no.                        | 4                          | 4                          | 4                     |              |  |
| Absorbed current  | Cooling                              | A                          | 7.20                       | 8.60                       | 9.30                  |              |  |
|   | Heating                              | A                          | 7.20                       | 8.70                       | 10.10                 |              |  |
| Maximum current   |                                      | A                          | 14.50                      | 17.00                      | 17.00                 |              |  |
| Maximum absorbed power  |                                      | kW                         | 2.90                       | 3.65                       | 3.65                  |              |  |
| Refrigerant circuit   |                                      |                            |                            |                            |                       |              |  |
| Refrigerant <sup>4</sup>  | Type (GWP)                           | R32 (675)                  |                            |                            |                       |              |  |
| Quantity refrigerant pre-load   | Kg                                   | 1.25                       | 1.5                        | 1.6                        |                       |              |  |
| Tons of CO2 equivalent  | t                                    | 0.844                      | 1.013                      | 1.080                      |                       |              |  |
| Diameter of refrigerant piping on liquid/gas                            | mm (inches)                          | ø6.35(1/4") - ø12.74(1/2") | ø6.35(1/4") - ø15.88(5/8") | ø6.35(1/4") - ø15.88(5/8") |                       |              |  |
| Max splitting length  | m                                    | 30                         | 30                         | 30                         |                       |              |  |
| Max height difference I.U./O.U.   | m                                    | 20                         | 20                         | 20                         |                       |              |  |
| Split length without additional charge                                  | m                                    | 15                         | 15                         | 15                         |                       |              |  |
| Additional load   | g/m                                  | 20                         | 25                         | 25                         |                       |              |  |
| Indoor unit specifications  |                                      |                            |                            |                            |                       |              |  |
| Dimensions  | LxDxH                                | mm                         | 1197x262x339               | 1197x262x339               | 1197x262x339          |              |  |
| Net weight  |                                      | Kg                         | 15.5                       | 15.5                       | 16.5                  |              |  |
| Sound power level   | Max                                  | dB(A)                      | 58                         | 60                         | 62                    |              |  |
| Sound pressure level (Hi/Me/Lo/ULo)                                     | Cooling                              | dB(A)                      | 44/39/35/25                | 44/41/37/25                | 47/44/39/26           |              |  |
|   | Heating                              | dB(A)                      | 44/38/34/28                | 46/39/35/28                | 47/41/36/29           |              |  |
| Treated air volume (Hi/Me/Lo/ULo)                                       | Cooling                              | m <sup>3</sup> /h          | 1230/1086/942/624          | 1230/1116/972/624          | 1410/1212/1050/624    |              |  |
|   | Heating                              | m <sup>3</sup> /h          | 1350/1140/990/786          | 1500/1188/1038/798         | 1590/1278/1104/810    |              |  |
| Outdoor unit specifications   |                                      |                            |                            |                            |                       |              |  |
| Dimensions  | LxDxH                                | mm                         | 800(+71)x290x640           | 880(+88)x340x750           | 880(+88)x340x750      |              |  |
| Net weight  |                                      | Kg                         | 45                         | 56                         | 57                    |              |  |
| Sound power level   | Max                                  | dB(A)                      | 65                         | 63                         | 67                    |              |  |
| Sound pressure level  | Max                                  | dB(A)                      | 54                         | 53                         | 56                    |              |  |
| Treated air volume  | Max                                  | m <sup>3</sup> /h          | 2490                       | 3300                       | 3780                  |              |  |
| Operating limits (outside temperature)                                  | Cooling                              | °C                         | -15~46                     |                            |                       |              |  |
|   | Heating                              | °C                         | -15~24                     |                            |                       |              |  |
| Optional parts  |                                      |                            |                            |                            |                       |              |  |
| Wi-Fi module  |                                      | Included                   |                            |                            |                       |              |  |
| Interface for home automation connection and wired control <sup>5</sup> |                                      | SC-BIKN2-E                 |                            |                            |                       |              |  |

1. Value measured according to the harmonised standard EN 14511. 2. EU Regulation No. 206/2012 -- Value measured according to the harmonised standard EN 14825. 3. Delegated Regulation (EU) No 626/2011 regarding the new energy labelling of air conditioners. 4. Refrigerant leakage contributes to climate change. When released into the atmosphere, refrigerants with a lower global warming potential (GWP) contribute less to global warming than those with a higher GWP. This appliance contains a refrigerant with a GWP of 675. If 1 kg of this refrigerant fluid were released into the atmosphere, therefore, the impact on global warming would be 675 times higher than 1 kg of CO<sub>2</sub> over a period of 100 years. Under no circumstances should the user try to intervene on the refrigerant circuit or disassemble the product. Always contact qualified personnel if necessary. 5. Home automation protocols available: KNX, Modbus, BACnet. The use of the SC-BIKN2-E interface card inhibits some functions of the unit. Contact your contact person for further details.