

7. RANGE OF USAGE & LIMITATIONS

| Item | Models | SRK20,25,35ZJ-S SRK20,25,35ZJX-S SRF25,35ZJX-S SRR25,35ZJ-S FDTC25,35VD | SRK50ZJ-S | SRK50,60ZJX-S SRF50ZJX-S |
|--|--|---|---|-----------------------------|
| Indoor return air temperature (Upper, lower limits) | Cooling operation : Approximately 18 to 32°C D.B. Heating operation : Approximately 10 to 27°C D.B. (Refer to the selection chart) | | | |
| Outdoor air temperature (Upper, lower limits) | Cooling operation : Approximately -15 to 46°C D.B. Heating operation : Approximately -15 to 21°C D.B. (Refer to the selection chart) | | | |
| Refrigerant line (one way) length | Max. 15m | Max. 25m | Max. 30m | |
| Vertical height difference between outdoor unit and indoor unit | Max. 10m (Outdoor unit is higher) Max. 10m (Outdoor unit is lower) | Max. 15m (Outdoor unit is higher) Max. 15m (Outdoor unit is lower) | Max. 20m (Outdoor unit is higher) Max. 20m (Outdoor unit is lower) | |
| Power source voltage | Rating ± 10% | | | |
| Voltage at starting | Min. 85% of rating | | | |
| Frequency of ON-OFF cycle | Max. 4 times/h (Inching prevention 10 minutes) | Max. 7 times/h (Inching prevention 5 minutes) | | |
| ON and OFF interval | Min. 3 minutes | | | |

Selection chart

Correct the cooling and heating capacity in accordance with the conditions as follows. The net cooling and heating capacity can be obtained in the following way.

Net capacity = Capacity shown on specification × Correction factors as follows.

(1) Coefficient of cooling and heating capacity in relation to temperatures

