



AIR CONDITIONING SOLUTIONS

Free Standing Unit 42SD/SF

Simple and sleek design

Features

- Environment-friendly refrigerant R410A
- Auto Sweep Function
- Panel Lock Function
- Filter Cleaning Alarm
- Self Diagnosis Function



With non-ozone depleting refrigerant (R-410A)





Technical specifications

| Indoor Unit | | Unit | COOL ONLY | |
|--|-----------------------|---------|---------------------------------|--------------------|
| | | | 42SDL6C | 42SFL7C |
| Unit Size | Cooling | TR | 4 | 5 |
| Rated Capacity at T1 | | BTU/h | 47,000 | 60,000 |
| | | Watts | 13,775 | 17,585 |
| Rated Capacity at T3 | | BTU/h | 41,000 | 52,500 |
| | | Watts | 12,016 | 15,387 |
| Power Supply | | V-Ph-Hz | 230~240V-1-50 | |
| Total System Power Input (OU + IU) at T1 | Cooling | Watts | 4,450 | 5,750 |
| Total System Power Input (OU + IU) at T3 | | Watts | 5,500 | 7,000 |
| EER at T1 | | BTU/h | 10.56 | 10.43 |
| EER at T3 | | BTU/h | 7.45 | 7.50 |
| Air Filter Type | | | "1 step/ Dust Collector" | |
| Air Flow Rate (High/ Medium/ Low Speed) | CFM | | 990 / 883 / 742 | 1695 / 1660 / 1520 |
| Indoor Sound Pressure Level (High/ Medium/ Low Speed) | dBA | | 54 / 51 / 48 | 59 / 57 / 55 |
| Net Weight | Kg | | 70 | 88 |
| Dimensions (W x H x D) | mm | | 580 x 1750 x 400 | 740 x 1800 x 440 |
| Pipe Connection Size | Liquid | inch | 3/8" | |
| | Suction | inch | 7/8" | |
| | Drain | inch | 3/4" | |
| Outdoor Unit | | Unit | COOL ONLY | |
| | | | 38SDL6C | 38SFL7C |
| Power Supply | V-Ph-Hz | | 400~415V-3-50 | |
| Compressor Type | | | SCROLL | |
| Refrigerant | | | R-410A | |
| Refrigerant Pipe (Max Length) | Vertical + Horizontal | mts | 25 | |
| | Vertical (OU & IU) | mts | 15 | |
| Recommended Wire Size/No. of Wires for Power Supply to Condensing Unit * | mm ² / qty | | 4.0mm ² /2 + 1 Earth | |
| Recommended Wire Size/No. of Wires for Control from FCU to Condensing Unit * | | | 1.0mm ² /3 + 1 Earth | |
| Dimensions (W x H x D) | mm | | 1130 x 945 x 433 | |
| Net Weight | Kg. | | 96 | 110 |
| Max Outdoor Air Temperature Operation | °C | | 52 | |

1. T1 conditions: Indoor Air Temperatures °27C (DB) / °19C (WB) and Outdoor Air Temperatures °35C (DB) / °24C (WB)

2. T3 conditions: Indoor Air Temperatures °29C (DB) / °19C (WB) and Outdoor Air Temperatures °46C (DB) / °24C (WB)

* Recommended wire sizes are for reference & guidance only, all field wires should comply with National and International Electrical Codes

Carrier reserves the right to change features and/ or specifications without notice and without incurring any liability.