

FWDB FLOOR CEILING MONOSPLIT FOR LOW TEMPERATURE ROOMS

Airwell
Just feel well



All sizes

+ PRODUCTS

- Minimum ambient temperature **12°C** inside. Operation down to **-10°C** outdoor.
- Application for wine cellar, garbage room, preparation rooms...



RCW6

FEATURES



- Cooling & heating operation mode.
- DC Inverter and sine wave compressor drive technology.
- "I Feel" function with precise room temperature control.
- Fuzzy logic to control compressor by outdoor fan and electronic expansion valve in extreme low operation temperature.
- Possibility to reverse dry contact: normally open/normally closed.



COMBINATIONS

| Indoor unit | Compatible with outdoor unit |
|---------------|------------------------------|
| Floor ceiling | Monosplit |
| FWDB | YLD |



FWDB

Floor ceiling monosplit for low temperature rooms



FWDB TECHNICAL DATA

| Indoor units | | AWSI-FWDB018-N11 | AWSI-FWDB024-N11 |
|--|--------|-------------------|------------------|
| Outdoor units 1~230V - 50 Hz | | AWAU-YLD018-H11 | AWAU-YLD024-H11 |
| COOLING | | | |
| Rated power | kW | 5.3 (1.5~6.4) | 7.2 (2.0~7.8) |
| Pdesignc | kW | 5.3 | 7.2 |
| Rated power input | kW | 1.63 | 2.24 |
| SEER/Energy label | | 6.1/A++ | 6.4/A++ |
| Operating limits | °C | -10°/50° Dry bulb | |
| HEATING | | | |
| Rated power | kW | 5.9 (1.6~7.0) | 7.8 (2.0~8.6) |
| Pdesignh (average climate) | kW | 5.3 | 7.8 |
| Pdesignh (warmer climate) | kW | 5.3 | 7.8 |
| Rated power input | kW | 1.49 | 2.10 |
| SCOP/Energy label (average climate) | | 3.8/A | 3.9/A |
| SCOP/Energy label (warmer climate) | | 4.8/A++ | 4.6/A++ |
| Operating limits | °C | -15°/24° Dry bulb | |
| Power @ -10°C | kW | 4.3 | 7 |
| Power @ -15°C | kW | 3.7 | 6 |
| INDOOR UNIT | | | |
| Sound pressure level to 1 m (LS/MS/HS) | dB(A) | 38/41/44 | 46/50/52 |
| Sound power level | dB(A) | 60 | 63 |
| Airflow (LS/MS/HS) | m³/h | 600/750/900 | 1100/1250/1400 |
| Dehumidification | l/h | 2 | 2.3 |
| Outline dimensions (WxHxD) | mm | 1068x675x235 | 1068x675x235 |
| Package dimensions (WxHxD) | mm | 1145x755x313 | 1145x755x313 |
| Net weight/Gross weight | kg | 25/31.5 | 25/30 |
| Part number | | 7SP012227 | 7SP012228 |
| OUTDOOR UNIT | | | |
| Sound pressure level to 1 m | dB(A) | 55 | 57 |
| Sound power level | dB(A) | 65 | 69 |
| Airflow | m³/h | 2500 | 3500 |
| Compressor type | | Rotary DCI | Twin Rotary DCI |
| Outline dimensions (WxHxD) | mm | 845x700x320 | 900x860x315 |
| Package dimensions (WxHxD) | mm | 965x755x395 | 1043x915x395 |
| Net weight/Gross weight | kg | 46/50 | 59/63 |
| Part number 1~230V - 50 Hz | | 7SP062822 | 7SP062823 |
| POWER SUPPLY 1~230V - 50 HZ | | | |
| Power supply side | | Indoor & Outdoor | Indoor & Outdoor |
| Power cable section | mm² | 3x1.0+3x2.5 | 3x1.0+3x2.5 |
| Fuse rating am | A | 10+16 | 10+20 |
| Electrical connections | mm² | 3x0.5 | 3x0.5 |
| PIPE LINE | | | |
| Suction pipe diameter | inches | 1/2" | 5/8" |
| Liquid pipe diameter | inches | 1/4" | 3/8" |
| Max. length | m | 30 | 50 |
| Max. height | m | 20 | 25 |