



DC Inverter
Reversible

Airwell

FDMX

Floor ceiling



A⁺⁺



RC18
included

+ PRODUCT

- RC18 remote control included
- 2 positions: wall or ceiling mounted
- Slim
- Long distance air jet
- Compatible with YDZC and ZDAA multisplits

FEATURES

TECHNOLOGY



FLEXY MATCH



ELECTRONIC EXPANSION VALVE



GOLDEN FIN TREATMENT

AIR QUALITY



ANTIBACTERIAL FILTER

USER FUNCTIONS



TIMER



I FEEL



NIGHT MODE



RESTART (MEMORY)

CERTIFICATION

- AIRWELL participates in the ECP programme for AC1. Check ongoing validity of certificate: www.eurovent-certification.com



- Models marked * are not Eurovent certified

+ «SUSTAINABLE DEVELOPMENT»

- > Energy label A++ in cooling mode and A+ in heating mode depending on model, guaranteeing energy savings.

+ «USER»

- > Discreet thanks to its small depth (235 mm).
- > Wall or ceiling installation ideal to suit the room configuration.

+ «INSTALLER»

- > Parameter reading.
- > Air louvers optimized for blowing up to 11 m.
- > Maximum piping length up to 75m adapted to complex and remote installation.

+ «TECHNOLOGY»

- > Multi-directional air louvers for air distribution throughout the room.
- > Room sensor built into the remote control for better comfort ("I Feel" mode).
- > On/off contact included associated with a "room card" or other solution (not supplied) for better control and for energy savings.
- > Alarm contact (synthesis fault) included.
- > Golden Fin treatment on the heat exchangers (external and internal) for protection against corrosion and durability over time.
- > Wide operating range of -15° to 50°C in cooling mode and -15° to 24°C in heating mode.



OPTIONS

| ACCESSORY | PART NUMBER | PICTURE | FUNCTION |
|------------------------------------|-------------|---------|--|
| Wired remote control RCW11 | 7ACEL1774 | | • Weekly timer, mode, fan speed, On/Off timer, "I Feel" function, temperature. |
| Condensate pump Mini Flowwatch MF2 | 7ACTL0517 | | • Condensate evacuation from indoor units. |
| LCAC Wi-Fi accessory | 7ACEL1883 | | • Accessory for remote control via Wi-Fi. |

TECHNICAL DATA

FDMX

| INDOOR UNIT | | FDMX-050N-09M25 | FDMX-070N-09M25 | FDMX-100N-09M25 | FDMX-100N-09M25 | FDMX-140N-09M25* | FDMX-175N-09M25* |
|-------------------------|----|--------------------|------------------|--------------------|--------------------|--------------------|--------------------|
| Part number | | 7SP012300 | 7SP012301 | 7SP012302 | 7SP012302 | 7SP012303 | 7SP012304 |
| Phase | | Single-phase | Single-phase | Single-phase | Three-phase | Three-phase | Three-phase |
| COOLING | | | | | | | |
| Rated power (min./max.) | kW | 5.28 (2.71~5.86) | 7.03 (3.22~7.77) | 10.55 (2.73~11.43) | 10.55 (2.73~11.78) | 14.07 (3.52~15.24) | 15.83 (4.10~16.71) |
| Pdesignc | kW | 5.40 | 7.20 | 10.50 | 10.50 | 14.00 | 15.50 |
| Rated power input | kW | 1.45 | 2.30 | 3.90 | 4.00 | 5.00 | 5.65 |
| SEER/Energy label | | 6.2/A++ | 6.1/A++ | 6.4/A++ | 6.2/A++ | 6.1/A++ | 6.1/A++ |
| Operating limits | °C | -15°~50°C Dry bulb | | | | | |

| | | | | | | | |
|-------------------------------------|----|--------------------|------------------|--------------------|--------------------|--------------------|--------------------|
| HEATING | | | | | | | |
| Rated power (min./max.) | kW | 5.57 (2.42~6.30) | 7.62 (2.72~8.29) | 11.72 (2.78~12.78) | 11.72 (2.81~12.78) | 16.12 (4.10~17.00) | 18.17 (4.40~19.64) |
| Pdesignh (average climate) | kW | 4.00 | 5.50 | 8.60 | 8.60 | 11.20 | 11.90 |
| Pdesignh (warmer climate) | kW | 5.10 | 5.80 | 10.20 | 10.00 | 11.70 | 12.60 |
| Rated power input | kW | 1.50 | 2.05 | 3.350 | 3.350 | 5.100 | 6.05 |
| SCOP/Energy label (average climate) | | 4.0/A+ | 4.0/A+ | 4.1/A+ | 4.0/A+ | 3.9/A | 4.0/A+ |
| SCOP/Energy label (warmer climate) | | 5.1/A+++ | 5.1/A+++ | 5.1/A+++ | 5.1/A+++ | 5.1/A+++ | 5.1/A+++ |
| Operating limits | °C | -15°~24°C Dry bulb | | | | | |
| Power at -7°C | kW | 4.30 | 5.94 | 9.21 | 9.08 | 11.76 | 12.76 |
| Power at -10°C | kW | 3.60 | 5.04 | 7.45 | 7.40 | 10.91 | 11.55 |
| Power at -15°C | kW | 2.88 | 4.03 | 5.96 | 5.92 | 8.73 | 9.24 |

| | | | | | | | |
|--|-------|--------------|---------------|----------------|----------------|----------------|----------------|
| INDOOR UNIT | | | | | | | |
| Sound pressure level at 1 m (LS/MS/HS) | dB(A) | 37/41/44 | 43/47/51 | 45/48/51.5 | 45/47.5/51 | 46/50/53 | 48/52/55 |
| Sound level | dB(A) | 59 | 55 | 65 | 65 | 67 | 67 |
| Airflow (LS/MS/HS) | m³/h | 723/839/958 | 853/1023/1192 | 1504/1728/1955 | 1504/1728/1955 | 1600/1850/2100 | 1650/1950/2200 |
| Dehumidification | l/h | 1.80 | 2.40 | 3.60 | 3.60 | 4.80 | 5.50 |
| Unit dimensions (WxHxD) | mm | 1068x675x235 | 1068x675x235 | 1650x675x235 | 1650x675x235 | 1650x675x235 | 1650x675x235 |
| Package dimensions (WxHxD) | mm | 1145x755x318 | 1145x755x318 | 1725x755x318 | 1725x755x318 | 1725x755x318 | 1725x755x318 |
| Net weight/Gross weight | kg | 28/33.4 | 28/33.2 | 41.5/48.1 | 41.5/48.1 | 41.7/48.6 | 42.3/49.3 |

| OUTDOOR UNIT | | YDAX-050H-09M25 | YDAX-070H-09M25 | YDAX-100H-09M25 | YDAX-100H-09T35 | YDAX-140H-09T35 | YDAX-175H-09T35 |
|-----------------------------|-------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Part number | | 7SP063171 | 7SP063172 | 7SP063173 | 7SP063174 | 7SP063175 | 7SP063176 |
| Sound pressure level at 1 m | dB(A) | 54 | 56 | 59 | 59 | 63 | 62 |
| Sound level | dB(A) | 65 | 67 | 70 | 74 | 74 | 73 |
| Airflow | m³/h | 2100 | 3500 | 4000 | 4000 | 7500 | 7500 |
| Compressor type | | Rotary | Rotary | Rotary | Rotary | Rotary | Rotary |
| Unit dimensions (WxHxD) | mm | 805x554x330 | 890x673x342 | 946x810x410 | 946x810x410 | 952x1333x415 | 952x1333x415 |
| Package dimensions (WxHxD) | mm | 915x615x370 | 995x740x398 | 1090x885x500 | 1090x885x500 | 1095x1480x495 | 1095x1480x495 |
| Net weight/Gross weight | kg | 32.5/35.3 | 43.9/46.7 | 66.9/72.1 | 75.5/85.6 | 103.7/118.3 | 107.0/121.2 |

| | | | | | | | |
|-------------------------|-----|------------------|------------------|------------------|------------------|------------------|------------------|
| POWER SUPPLY | | | | | | | |
| Phase/Voltage/Frequency | | 1P/220-240V/50Hz | 1P/220-240V/50Hz | 1P/220-240V/50Hz | 3P/380-415V/50Hz | 3P/380-415V/50Hz | 3P/380-415V/50Hz |
| Power supply side | | Outdoor | Outdoor | Outdoor | Outdoor | Outdoor | Outdoor |
| Power cable section | mm² | 3x1.5 | 2.5x3 | 4.0x3 | 2.5x5 | 2.5x5 | 2.5x5 |
| Max. current (D curve) | A | 16 | 20 | 25 | 16 | 16 | 16 |
| Electrical connections | mm² | 4x1.0 | 4x1.0 | 4x1.0 | 4x1.0 | 4x1.0 | 4x1.0 |

| | | | | | | | |
|-----------------------|--------|---------|---------|---------|---------|---------|---------|
| PIPE LINE | | | | | | | |
| Suction pipe diameter | inches | 1/2" | 5/8" | 5/8" | 5/8" | 5/8" | 5/8" |
| Liquid pipe diameter | inches | 1/4" | 3/8" | 3/8" | 3/8" | 3/8" | 3/8" |
| Max. length | m | 30 | 50 | 75 | 75 | 75 | 75 |
| Max. height | m | 20 | 25 | 30 | 30 | 30 | 30 |
| Refrigerant/GWP | | R32/675 | R32/675 | R32/675 | R32/675 | R32/675 | R32/675 |
| Charge (5 m) | kg | 1.15 | 1.50 | 2.40 | 2.40 | 2.90 | 3.00 |
| Additional charge | g/m | 12 | 24 | 24 | 24 | 24 | 24 |

MATCHING

| INDOOR UNIT |
|---|
| FLOOR CEILING |
|  |
| FDMX 050N & 070N |
|  |
| FDMX 100N to 175N |



| COMPATIBLE WITH OUTDOOR UNIT | | |
|---|---|--|
| MONOSPLIT | MULTISPLIT | |
|  |  |  |
| YDAX | ZDAA | YDZC |
|  | | |
| YDAX | | |

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