DAIKIN

EEDEN08-204

# technical data

air conditioning systems

Concealed Ceiling Unit (Large)

FXMQ-MAVE

VRV® III-S
VRV® III
VRV® -WII

R-410A

2e

# TABLE OF CONTENTS

## FXMQ-MAVE

# 1 Specifications

| 1-1 TECHNICAL SPECIFICATIONS | | | | FXMQ200MAVE | FXMQ250MAVE |
|---|---|---|---|---|---|
| Nominal Capacity | Cooling | | kW | 22.40 | 28.00 |
| | Heating | | kW | 25.00 | 31.50 |
| Power input (Nominal) | Cooling | | kW | 1.294 | 1.465 |
| | Heating | | kW | 1.294 | 1.465 |
| Casing | Material | | | Galvanised steel | |
| Dimensions | Unit | Height | mm | 470 | 470 |
| | | Width | mm | 1380 | 1380 |
| | | Depth | mm | 1100 | 1100 |
| Weight | Unit | | kg | 137 | 137 |
| Heat Exchanger | Dimensions | Nr of Rows | | 3 | 3 |
| | | Fin Pitch | mm | 2.00 | 2.00 |
| | | Face Area | m² | 0.68 | 0.68 |
| | | Nr of Stages | | 26 | 26 |
| Fan | Type | | | Sirocco fan | |
| | Quantity | | | 2 | 2 |
| Air Flow Rate | Cooling | High | m³/min | 58.00 | 72.00 |
| | | Low | m³/min | 50.00 | 62.00 |
| Fan | External static pressure | High | Pa | 221 | 270 |
| | | Standard | Pa | 132 | 147 |
| | Motor | Quantity | | 2 | 2 |
| | | Model | | D13/4G2DA1 | D13/4G2DA1 |
| | | Output (high) | W | 380 | 380 |
| | | Drive | | Direct drive | |
| Refrigerant | Name | | | R-410A | |
| Cooling | Sound Pressure | High | dBA | 48.0 | 48.0 |
| | | Low | dBA | 45.0 | 45.0 |
| Piping connections | Liquid (OD) | Type | | Flare connection | |
| | | Diameter | mm | 9.5 | 9.5 |
| | Gas | Type | | Braze connection | Braze connection |
| | | Diameter | mm | 19.1 | 22.2 |
| | Drain | Diameter | mm | PS1B | PS1B |
| | Heat Insulation | | | Glass fiber | |
| Refrigerant control | | | | Electronic expansion valve | |
| Temperature control | | | | Microprocessor thermostat for cooling and heating | |
| Safety devices | | | | PC board fuse | |
| | | | | Fan motor thermal protector | |
| Standard Accessories | Standard Accessories | | | Installation and operation manual | |
| | | | | Connection pipes | |
| | | | | Sealing Pads | |
| | | | | Clamps | |
| | | | | Screws | |
| | | | | | |
| | | | | | |
| Notes | | | | Nominal cooling capacities are based on : indoor temperature : 27° CDB, 19° CWB, outdoor temperature : 35° CDB, equivalent refrigerant piping : 7,5m (horizontal) | |
| | | | | Nominal heating capacities are based on : indoor temperature : 20° CDB, outdoor temperature : 7° CDB, 6° CWB, equivalent refrigerant piping : 7.5m (horizontal) | |
| | | | | Capacities are net, including a deduction for cooling (an addition for heating) for indoor fan motor heat. | |
| | | | | The external static pressure is changeable : change the connectors inside the electrical box, this pressure means : High static pressure -standard | |
| | | | | Air filter is not standard accessory, but please mount it in the duct system of the suction side. Select its colorimetric method(gravity method) 50% or more. | |
| | | | | Sound pressure levels are measured at 220V | |
| | | | | FXMQ200,250MAVE cannot be connected to VRVIII-S | |

# 1 Specifications

| 1-2 ELECTRICAL SPECIFICATIONS | | | FXMQ200MAVE | FXMQ250MAVE |
|---|---|---|---|---|
| Power Supply | Name | | VE | |
| | Phase | | 1 | 1 |
| | Frequency | Hz | 50 | 50 |
| | Voltage | V | 220-240 | |
| Current | Minimum circuit amps (MCA) | A | 8.10 | 9.00 |
| | Maximum fuse amps (MFA) | A | 15.00 | 15.00 |
| | Full load amps (FLA) | A | 6.50 | 7.20 |
| Voltage range | Minimum | V | -10% | |
| | Maximum | V | +10% | |
| Notes | | | Voltage range : units are suitable for use on electrical systems where voltage supplied to unit terminals is not below or above listed range limits. | |
| | | | Maximum allowable voltage range variation between phases is 2%. | |
| | | | MCA/MFA : MCA = 1.25 x FLA | |
| | | | MFA<= 4 x FLA | |
| | | | next lower standard fuse rating minimum 15A | |
| | | | select wire size based on the MCA | |
| | | | instead of a fuse, use a circuit breaker | |
| | | | For more details concerning conditional connections, see http://extranet.daikineurope.com, select "E-Data Books". Finally, click on the document title of your choice. | |

# 2 Safety device settings

| | | FXMQ200MA | FXMQ250MA |
|---|---|---|---|
| PC BOARD FUSE | | 250V 10A | |
| FAN MOTOR THERMAL PROTECTOR | °C | OFF: $135^{\pm 8}$, ON: $87^{\pm 15}$ | |

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# 2 Options

| | FXMQ200MA | FXMQ250MA |
|---|---|---|
| DRAIN PUMP KIT | KDU30L250VE | |
| HIGH EFFICIENCY FILTER 65% | KAFJ372L280 | |
| HIGH EFFICIENCY FILTER 90% | KAFJ373L280 | |
| FILTER CHAMBER | KDJ3705L280 | |
| REPLACEMENT LONG LIFE FILTER | KAFJ371L280 | |

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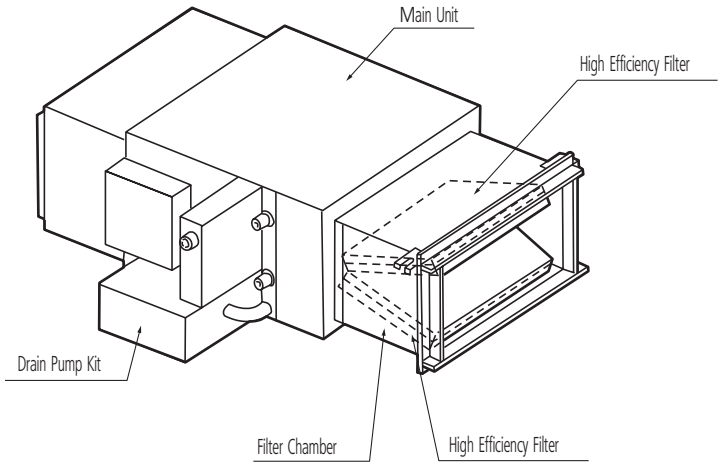

# 4 Control systems

## Individual control systems

| | | FXMQ200MA | FXMQ250MA |
|---|---|---|---|
| WIRED REMOTE CONTROL | | BRC1D52 | |
| INFRARED REMOTE CONTROL | Heat pump | BRC4C62 | |
| | Cooling only | BRC4C64 | |
| SIMPLIFIED REMOTE CONTROL | | BRC2A51 | |
| REMOTE CONTROL FOR HOTEL USE | | BRC3A61 | |

## Centralised control systems

| | FXMQ200MA | FXMQ250MA |
|---|---|---|
| CENTRALISED REMOTE CONTROL | DCS302C51 | |
| UNIFIED ON/OFF CONTROL | DCS301B51 | |
| SCHEDULE TIMER | DST301B51 | |

## Others

| | FXMQ200MA | FXMQ250MA |
|---|---|---|
| WIRING ADAPTER | KRP1B61 | |
| WIRING ADAPTER FOR ELECTRICAL APPENDICES (1) | KRP2A61 | |
| WIRING ADAPTER FOR ELECTRICAL APPENDICES (2) | KRP4A51 | |
| REMOTE SENSOR | KRCS01-1 | |
| ELECTRICAL BOX WITH EARTH TERMINAL (3 BLOCKS) | KJB311A | |
| ELECTRICAL BOX WITH EARTH TERMINAL (2 BLOCKS) | KJB212A | |
| NOISE FILTER (FOR ELECTROMAGNETIC INTERFACE USE ONLY) | KEK26-1A | |
| EXTERNAL CONTROL ADAPTER FOR OUTDOOR UNITS (INSTALLATION ON INDOOR UNIT) | DTA104A61 | |

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# 5 Capacity tables

## 5 - 1 Cooling capacity tables

**FXMQ-MA**

TC: Total capacity;kW – SHC: Sensible capacity;kW

| Unit size | Nominal capacity | Outdoor air temp. | Indoor air temperature | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 14.0WB | | 16.0WB | | 18.0WB | | 19.0WB | | 20.0WB | | 22.0WB | | 24.0WB | |
| | | | 20.0DB | | 23.0DB | | 26.0DB | | 27.0DB | | 28.0DB | | 30.0DB | | 32.0DB | |
| | | °CDB | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC | TC | SHC |
| 200 | 22.4 | 10.0 | 15.1 | 13.4 | 18.0 | 14.9 | 21.0 | 16.3 | 22.4 | 16.8 | 23.8 | 17.0 | 26.8 | 17.6 | 29.4 | 17.8 |
| | | 12.0 | 15.1 | 13.4 | 18.0 | 14.9 | 21.0 | 16.3 | 22.4 | 16.8 | 23.8 | 17.0 | 26.8 | 17.6 | 29.0 | 17.6 |
| | | 14.0 | 15.1 | 13.4 | 18.0 | 14.9 | 21.0 | 16.3 | 22.4 | 16.8 | 23.8 | 17.0 | 26.8 | 17.6 | 28.7 | 17.4 |
| | | 16.0 | 15.1 | 13.4 | 18.0 | 14.9 | 21.0 | 16.3 | 22.4 | 16.8 | 23.8 | 17.0 | 26.8 | 17.6 | 28.3 | 17.2 |
| | | 18.0 | 15.1 | 13.4 | 18.0 | 14.9 | 21.0 | 16.3 | 22.4 | 16.8 | 23.8 | 17.0 | 26.8 | 17.6 | 27.9 | 16.9 |
| | | 20.0 | 15.1 | 13.4 | 18.0 | 14.9 | 21.0 | 16.3 | 22.4 | 16.8 | 23.8 | 17.0 | 26.8 | 17.6 | 27.5 | 16.7 |
| | | 21.0 | 15.1 | 13.4 | 18.0 | 14.9 | 21.0 | 16.3 | 22.4 | 16.8 | 23.8 | 17.0 | 26.8 | 17.6 | 27.4 | 16.6 |
| | | 23.0 | 15.1 | 13.4 | 18.0 | 14.9 | 21.0 | 16.3 | 22.4 | 16.8 | 23.8 | 17.0 | 26.4 | 17.3 | 27.0 | 16.4 |
| | | 25.0 | 15.1 | 13.4 | 18.0 | 14.9 | 21.0 | 16.3 | 22.4 | 16.8 | 23.8 | 17.0 | 26.1 | 17.1 | 26.6 | 16.2 |
| | | 27.0 | 15.1 | 13.4 | 18.0 | 14.9 | 21.0 | 16.3 | 22.4 | 16.8 | 23.8 | 17.0 | 25.7 | 16.8 | 26.2 | 16.1 |
| | | 29.0 | 15.1 | 13.4 | 18.0 | 14.9 | 21.0 | 16.3 | 22.4 | 16.8 | 23.8 | 17.0 | 25.3 | 16.6 | 25.8 | 15.9 |
| | | 31.0 | 15.1 | 13.4 | 18.0 | 14.9 | 21.0 | 16.3 | 22.4 | 16.8 | 23.8 | 17.0 | 24.9 | 16.4 | 25.4 | 15.7 |
| | | 33.0 | 15.1 | 13.4 | 18.0 | 14.9 | 21.0 | 16.3 | 22.4 | 16.8 | 23.8 | 17.0 | 24.5 | 16.3 | 25.0 | 15.6 |
| | | 35.0 | 15.1 | 13.4 | 18.0 | 14.9 | 21.0 | 16.3 | 22.4 | 16.8 | 23.6 | 17.0 | 24.2 | 16.1 | 24.6 | 15.4 |
| | | 37.0 | 15.1 | 13.4 | 18.0 | 14.9 | 21.0 | 16.3 | 22.4 | 16.8 | 23.2 | 16.8 | 23.8 | 16.0 | 24.3 | 15.3 |
| | | 39.0 | 15.1 | 13.4 | 18.0 | 14.9 | 21.0 | 16.3 | 22.4 | 16.8 | 22.8 | 16.6 | 23.4 | 15.8 | 23.9 | 15.1 |
| 250 | 28.0 | 10.0 | 18.9 | 16.9 | 22.5 | 18.5 | 26.2 | 20.4 | 28.0 | 20.9 | 29.8 | 21.2 | 33.5 | 22.1 | 36.8 | 22.1 |
| | | 12.0 | 18.9 | 16.9 | 22.5 | 18.5 | 26.2 | 20.4 | 28.0 | 20.9 | 29.8 | 21.2 | 33.5 | 22.1 | 36.3 | 21.8 |
| | | 14.0 | 18.9 | 16.9 | 22.5 | 18.5 | 26.2 | 20.4 | 28.0 | 20.9 | 29.8 | 21.2 | 33.5 | 22.1 | 35.9 | 21.6 |
| | | 16.0 | 18.9 | 16.9 | 22.5 | 18.5 | 26.2 | 20.4 | 28.0 | 20.9 | 29.8 | 21.2 | 33.5 | 22.1 | 35.4 | 21.3 |
| | | 18.0 | 18.9 | 16.9 | 22.5 | 18.5 | 26.2 | 20.4 | 28.0 | 20.9 | 29.8 | 21.2 | 33.5 | 22.1 | 34.9 | 21.0 |
| | | 20.0 | 18.9 | 16.9 | 22.5 | 18.5 | 26.2 | 20.4 | 28.0 | 20.9 | 29.8 | 21.2 | 33.5 | 22.1 | 34.4 | 20.7 |
| | | 21.0 | 18.9 | 16.9 | 22.5 | 18.5 | 26.2 | 20.4 | 28.0 | 20.9 | 29.8 | 21.2 | 33.5 | 22.1 | 34.2 | 20.6 |
| | | 23.0 | 18.9 | 16.9 | 22.5 | 18.5 | 26.2 | 20.4 | 28.0 | 20.9 | 29.8 | 21.2 | 33.0 | 21.7 | 33.7 | 20.3 |
| | | 25.0 | 18.9 | 16.9 | 22.5 | 18.5 | 26.2 | 20.4 | 28.0 | 20.9 | 29.8 | 21.2 | 32.6 | 21.5 | 33.2 | 20.2 |
| | | 27.0 | 18.9 | 16.9 | 22.5 | 18.5 | 26.2 | 20.4 | 28.0 | 20.9 | 29.8 | 21.2 | 32.1 | 21.2 | 32.8 | 20.0 |
| | | 29.0 | 18.9 | 16.9 | 22.5 | 18.5 | 26.2 | 20.4 | 28.0 | 20.9 | 29.8 | 21.2 | 31.6 | 20.9 | 32.3 | 19.9 |
| | | 31.0 | 18.9 | 16.9 | 22.5 | 18.5 | 26.2 | 20.4 | 28.0 | 20.9 | 29.8 | 21.2 | 31.1 | 20.6 | 31.8 | 19.7 |
| | | 33.0 | 18.9 | 16.9 | 22.5 | 18.5 | 26.2 | 20.4 | 28.0 | 20.9 | 29.8 | 21.2 | 30.6 | 20.4 | 31.3 | 19.5 |
| | | 35.0 | 18.9 | 16.9 | 22.5 | 18.5 | 26.2 | 20.4 | 28.0 | 20.9 | 29.5 | 21.1 | 30.2 | 20.2 | 30.8 | 19.4 |
| | | 37.0 | 18.9 | 16.9 | 22.5 | 18.5 | 26.2 | 20.4 | 28.0 | 20.9 | 29.0 | 20.9 | 29.7 | 20.0 | 30.4 | 19.2 |
| | | 39.0 | 18.9 | 16.9 | 22.5 | 18.5 | 26.2 | 20.4 | 28.0 | 21.0 | 28.5 | 20.6 | 29.2 | 19.8 | 29.9 | 19.0 |

# 5 Capacity tables

## 5 - 2 Heating capacity tables

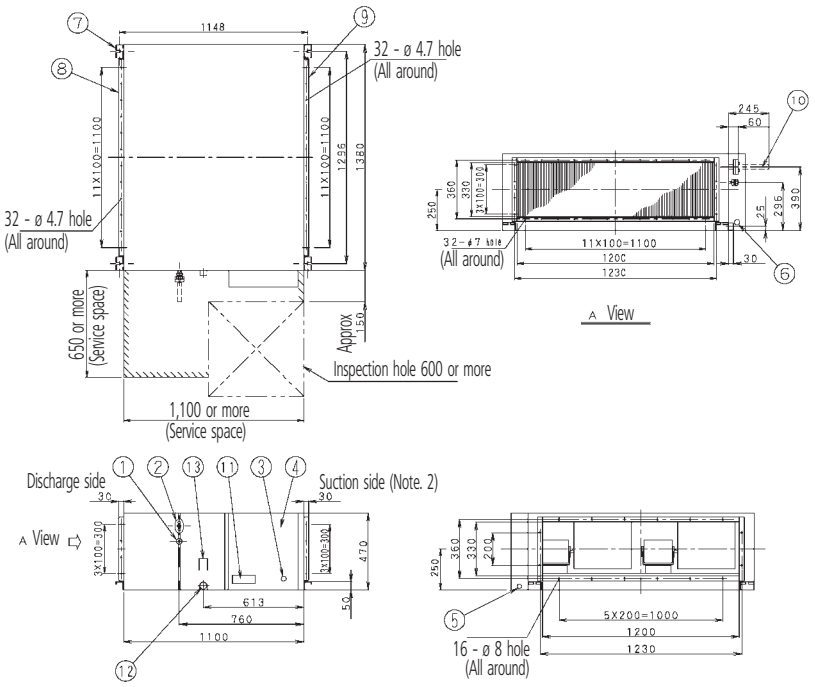
**FXMQ-MA**

| Unit Size | Nominal capacity | Outdoor air temperature | | Indoor air temperature °CDB | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | 16.0 | 18.0 | 20.0 | 21.0 | 22.0 | 24.0 |
| | | °CDB | °CWB | kW | kW | kW | kW | kW | kW |
| 200 | 25.0 | -19.8 | -20.0 | 14.8 | 14.7 | 14.7 | 14.7 | 14.6 | 14.6 |
| | | -18.8 | -19.0 | 15.2 | 15.2 | 15.1 | 15.1 | 15.1 | 15.0 |
| | | -16.7 | -17.0 | 16.1 | 16.0 | 16.0 | 16.0 | 16.0 | 15.9 |
| | | -14.7 | -15.0 | 17.0 | 16.9 | 16.9 | 16.9 | 16.8 | 16.8 |
| | | -12.6 | -13.0 | 17.9 | 17.8 | 17.8 | 17.7 | 17.7 | 17.7 |
| | | -10.5 | -11.0 | 18.7 | 18.7 | 18.6 | 18.6 | 18.6 | 18.6 |
| | | -9.5 | -10.0 | 19.2 | 19.1 | 19.1 | 19.1 | 19.0 | 19.0 |
| | | -8.5 | -9.1 | 19.6 | 19.5 | 19.5 | 19.5 | 19.4 | 19.4 |
| | | -7.0 | -7.6 | 20.2 | 20.2 | 20.2 | 20.1 | 20.1 | 20.1 |
| | | -5.0 | -5.6 | 21.1 | 21.1 | 21.0 | 21.0 | 21.0 | 20.9 |
| | | -3.0 | -3.7 | 22.0 | 21.9 | 21.9 | 21.9 | 21.8 | 21.8 |
| | | 0.0 | -0.7 | 23.3 | 23.2 | 23.2 | 23.2 | 23.2 | 21.8 |
| | | 3.0 | 2.2 | 24.6 | 24.5 | 24.5 | 24.2 | 23.4 | 21.8 |
| | | 5.0 | 4.1 | 25.4 | 25.4 | 25.0 | 24.2 | 23.4 | 21.8 |
| | | 7.0 | 6.0 | 26.2 | 26.2 | 25.0 | 24.2 | 23.4 | 21.8 |
| | | 9.0 | 7.9 | 27.1 | 26.6 | 25.0 | 24.2 | 23.4 | 21.8 |
| | | 11.0 | 9.8 | 27.9 | 26.6 | 25.0 | 24.2 | 23.4 | 21.8 |
| | | 13.0 | 11.8 | 28.2 | 26.6 | 25.0 | 24.2 | 23.4 | 21.8 |
| | | 15.0 | 13.7 | 28.2 | 26.6 | 25.0 | 24.2 | 23.4 | 21.8 |
| 250 | 31.5 | -19.8 | -20.0 | 18.6 | 18.5 | 18.5 | 18.5 | 18.4 | 18.4 |
| | | -18.8 | -19.0 | 19.2 | 19.1 | 19.0 | 19.0 | 19.0 | 18.9 |
| | | -16.7 | -17.0 | 20.3 | 20.2 | 20.2 | 20.1 | 20.1 | 20.0 |
| | | -14.7 | -15.0 | 21.4 | 21.3 | 21.3 | 21.2 | 21.2 | 21.2 |
| | | -12.6 | -13.0 | 22.5 | 22.4 | 22.4 | 22.4 | 22.3 | 22.3 |
| | | -10.5 | -11.0 | 23.6 | 23.6 | 23.5 | 23.5 | 23.4 | 23.4 |
| | | -9.5 | -10.0 | 24.2 | 24.1 | 24.1 | 24.0 | 24.0 | 23.9 |
| | | -8.5 | -9.1 | 24.7 | 24.6 | 24.6 | 24.5 | 24.5 | 24.4 |
| | | -7.0 | -7.6 | 25.5 | 25.4 | 25.4 | 25.4 | 25.3 | 25.3 |
| | | -5.0 | -5.6 | 26.6 | 26.6 | 26.5 | 26.5 | 26.4 | 26.4 |
| | | -3.0 | -3.7 | 27.7 | 27.6 | 27.6 | 27.5 | 27.5 | 27.5 |
| | | 0.0 | -0.7 | 29.3 | 29.3 | 29.2 | 29.2 | 29.2 | 27.5 |
| | | 3.0 | 2.2 | 31.0 | 30.9 | 30.8 | 30.5 | 29.5 | 27.5 |
| | | 5.0 | 4.1 | 32.0 | 32.0 | 31.5 | 30.5 | 29.5 | 27.5 |
| | | 7.0 | 6.0 | 33.1 | 33.0 | 31.5 | 30.5 | 29.5 | 27.5 |
| | | 9.0 | 7.9 | 34.1 | 33.5 | 31.5 | 30.5 | 29.5 | 27.5 |
| | | 11.0 | 9.8 | 35.2 | 33.5 | 31.5 | 30.5 | 29.5 | 27.5 |
| | | 13.0 | 11.8 | 35.5 | 33.5 | 31.5 | 30.5 | 29.5 | 27.5 |
| | | 15.0 | 13.7 | 35.5 | 33.5 | 31.5 | 30.5 | 29.5 | 27.5 |

# 6 Dimensional drawing & centre of gravity

## 6 - 1 Dimensional drawing

**FXMQ200,250MA**




Piping size (field supply)

| Model | Gas | Liquid |
|---|---|---|
| FXMQ200MA | ø 19.1 attached piping | ø 9.5 |
| FXMQ250MA | ø 22.2 attached piping | ø 9.5 |

| Nr | Part name | Description |
|---|---|---|
| 1 | Liquid pipe connection | Flare connection |
| 2 | Gas pipe connection | Attendant piping connection |
| 3 | Ground terminal | M5 (Inside switch box) |
| 4 | Switch box | |
| 5 | Power supply wiring connection | |
| 6 | Transmission wiring connection | |
| 7 | Hook | M10 |
| 8 | Discharge companion flange | |
| 9 | Suction flange | |
| 10 | Attached piping | Brazing |
| 11 | Name plate | |
| 12 | Drain piping connection | PS1B Internal thread<br>VP25 (O.D. ø33.349, I.D. ø30.391) |
| 13 | Water supply port | |

**NOTES**

1 Location of unit's name plate: switch box surface.

2 Mount the air filter at the suction side. (Select its colorimethod (gravity method) 50% or more).

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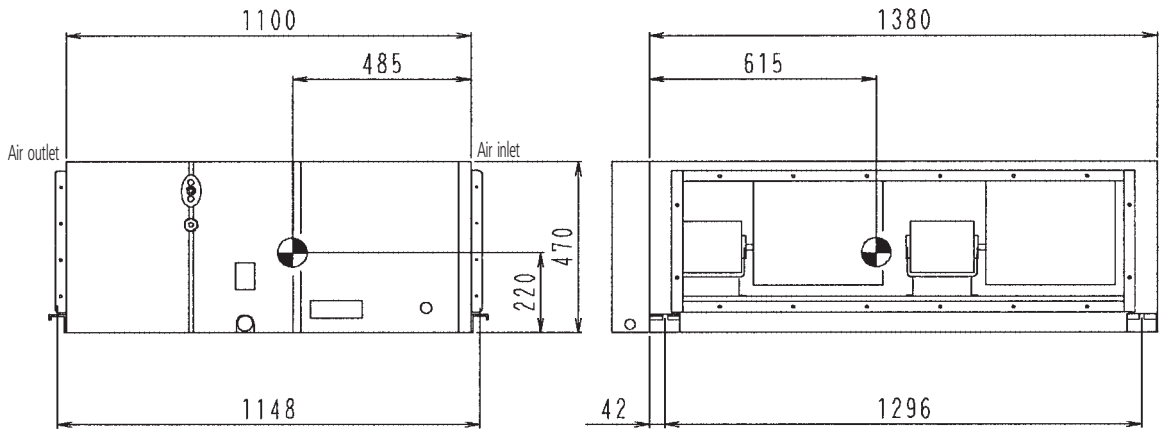
# 6 Dimensional drawing & centre of gravity

## 6 - 2 Centre of gravity

**FXMQ200,250MA**

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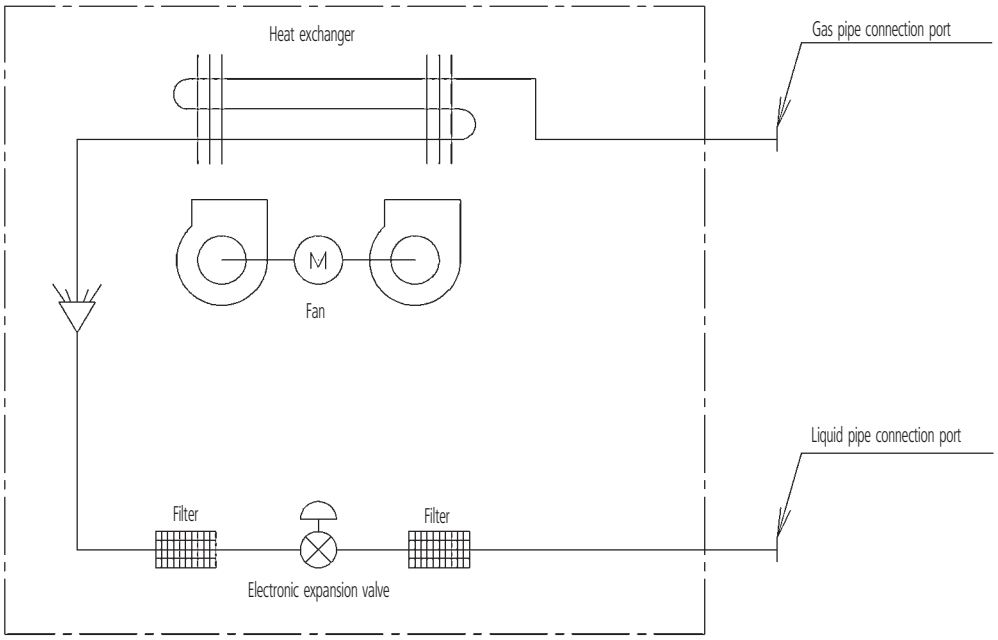
# 7 Piping diagram

**FXMQ-MA**




Piping connection diameters

| Model | Gas | Liquid |
|---|---|---|
| FXMQ200MA | ø19.1 | ø9.5 |
| FXMQ250MA | ø22.2 | ø9.5 |

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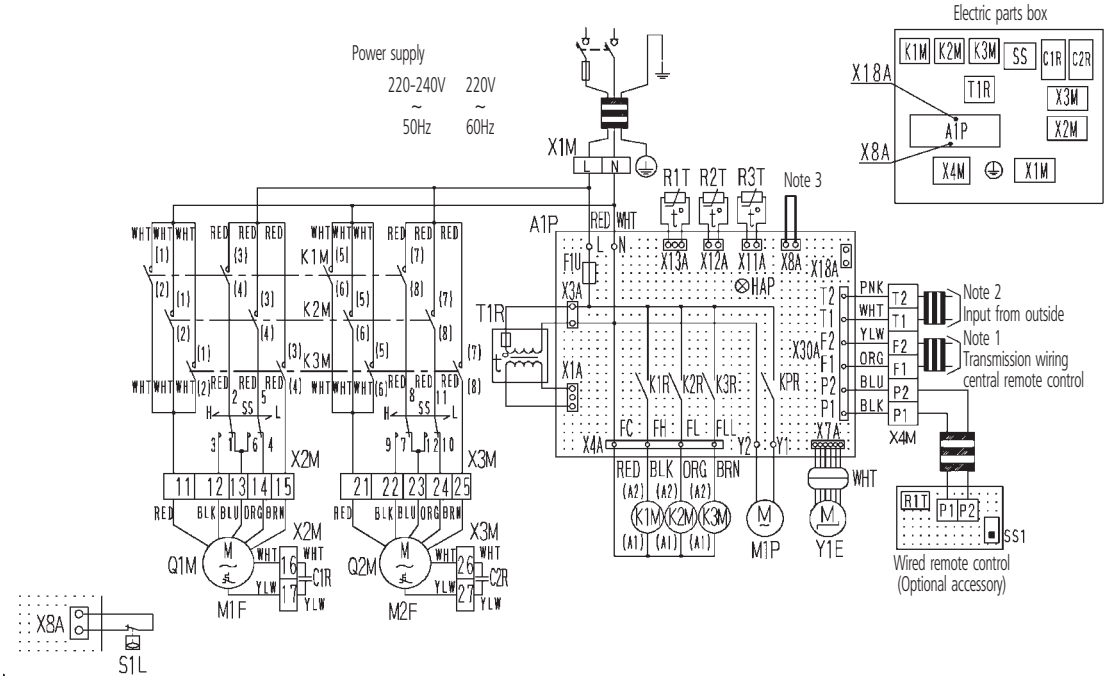
# 8 Wiring diagram

## 8 - 1 Wiring diagram

**FXMQ200,250MA**




| Indoor unit | | | | Optional parts | |
|---|---|---|---|---|---|
| A1P | Printed circuit board | Q1M • Q2M | Thermo switch (M1F • 2F embedded) | M1P | Motor (drain pump) |
| C1R • C2R | Capacitor (M1F • 2F) | R1T | Thermistor (air) | | |
| F1U | Fuse (Ⓑ, 5A, 250V) | R2T • R3T | Thermistor (coil) | Wired remote control | |
| HAP | Light emitting diode (service monitor-green) | SS | Selector switch (static pressure) | R1T | Thermistor (air) |
| K1M | Magnetic contactor (M1F • 2F) | T1R | Transformer (220-240V/22V) | SS1 | Selector switch (main/sub) |
| K2M | Magnetic contactor (M1F • 2F) | X1M | Terminal block (power) | | |
| K3M | Magnetic contactor (M1F • 2F) | X2M-X3M | Terminal block | Connector for optional parts | |
| K1R-K3R | Magnetic relay (M1F • 2F) | X4M | Terminal block (control) | X8A | Connector (float switch) |
| KPR | Magnetic relay (M1P) | Y1E | Electronic expansion valve | X18A | Connector (wiring adapter for electorical appendices) |
| M1F • M2F | Motor (indoor fan) | | | | |

: Terminal block
: Connector
: Short circuit connector
: Terminal
: Field wiring

COLORS : BLK : Black PNK : Pink
BLU : Blue RED : Red
BRN : Brown WHT : White
ORG : Orange YLW : Yellow

**NOTES**

1 In case using central remote control, connect it to the unit in accordance with the attached instruction manual.
2 When connecting the input wires from outside, forced off or on/off control operation can be selected by remote control. In details, refer to the installation manual attached the unit.
3 In case installing the drain pump, remove the short circuit connector of X8A and execute the additional wiring for float switch and drain pump.
4 Use copper conductors only.
5 In case high E.S.P. operation, change the switch(ss) for "H".

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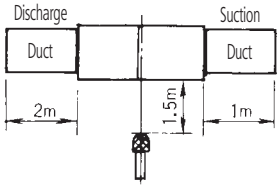
# 9 Sound data

## 9 - 1 Sound level data

**FXMQ-MA**

| Model | Sound pressure level - 220V | | | Sound power level |
|---|---|---|---|---|
| | H | L | Measuring location | |
| FXMQ200MA | 48 | 45 |  | * |
| FXMQ250MA | 48 | 45 | | * |

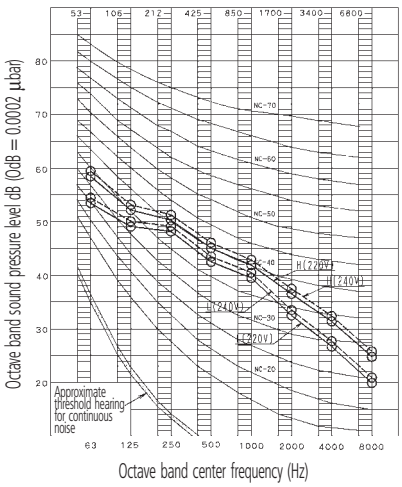
**NOTES**

1 Reference acoustic pressure 0 dB = 20 Pa.
2 Measuring place: anechoic chamber
3 Operation noise differs with operation and ambient conditions.
*Data were not available at the time of publication

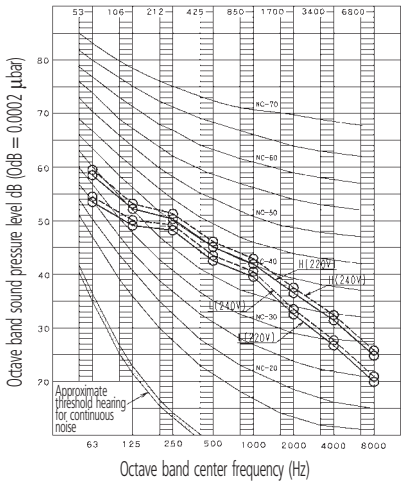
# 9 Sound data

## 9 - 2 Sound pressure spectrum

**FXMQ200MA** 4D035168

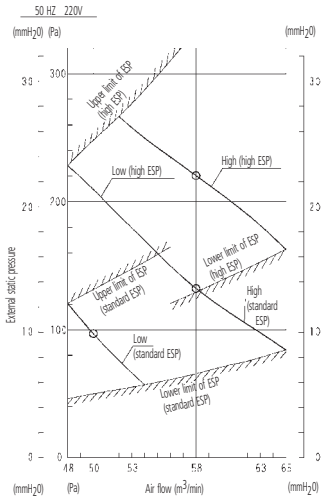



**FXMQ250MA** 4D035169



# 10 Fan characteristics

**FXMQ200MA** 3D035172

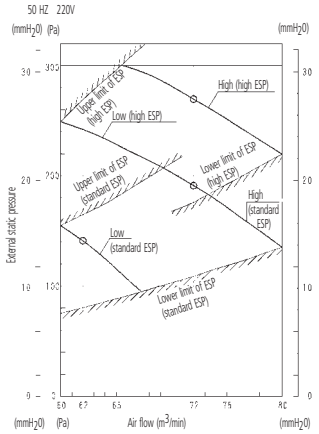



**NOTES**

1 The remote control can be used to switch between “high” and “low”.

2 The air flow is set to “standard” before leaving the factory. It is possible to switch between “standard ESP” and “high ESP” by changing the terminals in the indoor unit electrical box.

**FXMQ250MA** 3D035173




**NOTES**

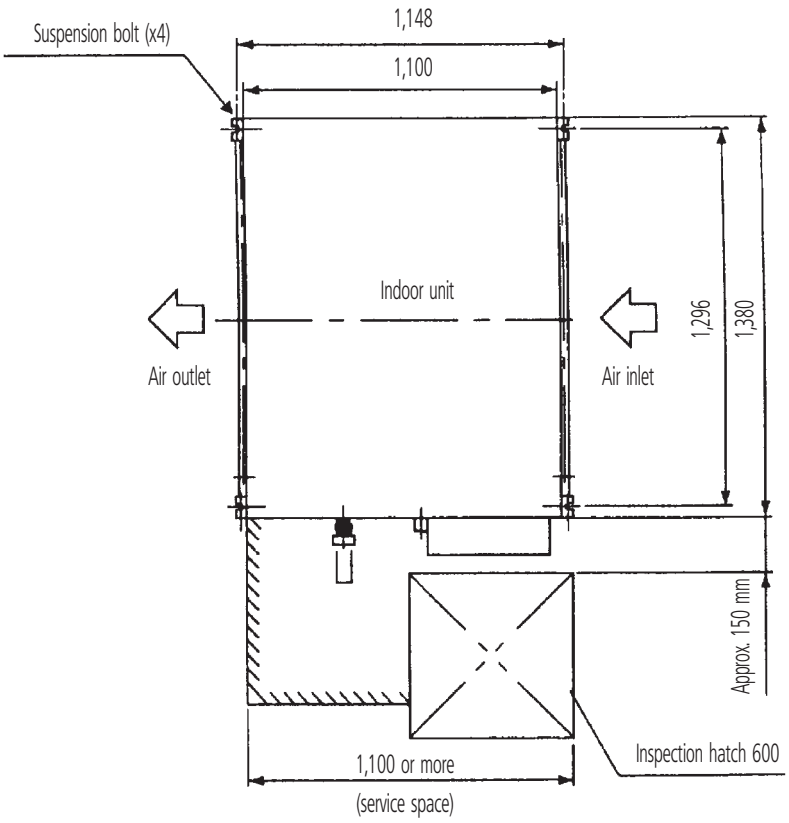
1 The remote control can be used to switch between “high” and “low”.

2 The air flow is set to “standard” before leaving the factory. It is possible to switch between “standard ESP” and “high ESP” by changing the terminals in the indoor unit electrical box.

# 11 Installation

## 11 - 1 Suspension bolt pitch position

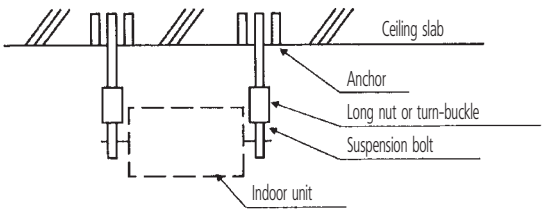
**FXMQ200,250MA**




**NOTES**

1 Install a canvas duct to the air discharge outlet and air inlet so that vibration from the machine body is not transmitted to the duct or ceiling. You should also apply acoustic (insulation material) to the inside of the duct, and vibration insulation rubber to the suspension bolts.

2 Install suspension bolts.
Use bolts of 10 mm diameter.
Install the equipment where supporting structures are strong enough to bear the equipment's weight. Use embedded inserts or anchor bolts with new buildings and hole-in-anchors with old buildings.




**NOTE**

1 All the above parts are to be procured in the field.

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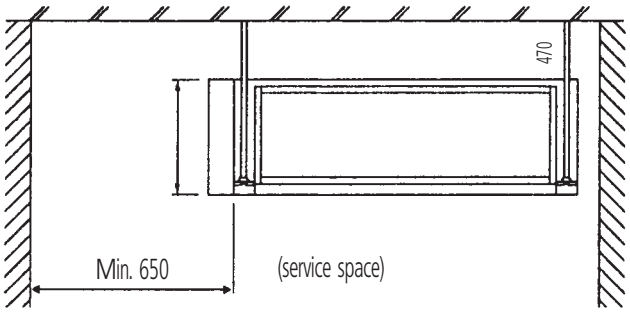
# 11 Installation

## 11 - 2 Service space

**FXMQ200,250MA**




**NOTE**

1 Above figures mean minimum values.

3P086156-2-4

2e

VRV® III-S
VRV® III
VRV® W-II

In all of us, a green heart

Daikin's unique position as a manufacturer of air conditioning equipment, compressors and refrigerants has led to its close involvement in environmental issues. For several years Daikin has had the intension to become a leader in the provision of products that have limited impact on the environment. This challenge demands the eco design and development of a wide range of products and an energy management system, resulting in energy conservation and a reduction of waste.

Daikin Europe N.V. is approved by LRQA for its Quality Management System in accordance with the ISO9001 standard. ISO9001 pertains to quality assurance regarding design, development, manufacturing as well as to services related to the product.

ISO14001 assures an effective environmental management system in order to help protect human health and the environment from the potential impact of our activities, products and services and to assist in maintaining and improving the quality of the environment.

CE Daikin units comply with the European regulations that guarantee the safety of the product.

VRV® products are not within the scope of the Eurovent certification programme.



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