

**STILL
COOL.
STAY
GREEN.**



**FD SERIES
PACKAGED AIR-CONDITIONERS**

 **MITSUBISHI**
HEAVY INDUSTRIES, LTD.
AIR CONDITIONERS

HEAVY DUTY

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CONTROL SYSTEMS

[INDIVIDUAL CONTROL]

REMOTE CONTROL LINE UP

| | INDOOR UNIT | REMOTE CONTROL |
|-------|-------------|----------------|
| WIRED | FDT | RC-EX1A |
| | FDUM | RC-E5 |
| | FDE | RCH-E3 |

| | INDOOR UNIT | REMOTE CONTROL |
|----------|-------------|----------------|
| WIRELESS | FDE | RCN-E1R |
| | FDUM | RCN-KIT3-E |

WIRED REMOTE CONTROL WITH WEEKLY TIMER (OPTION)

RC-E5



The RC-E5 control enables extensive access to service and maintenance technical data combined with easy to use functions and a clear LCD display.

- **Weekly timer function as standard**

RC-E5 provides (as a standard feature) a weekly timer, which allows one week operation schedules to be registered. A user can specify up to four times a day to start/stop the air conditioner. (Temperature setting is also possible with the timer).

- **Timer operation**

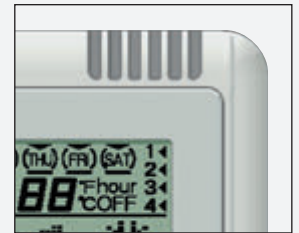


- **Run hour meters to facilitate maintenance checking**

RC-E5 stores operation data when an anomaly occurs and indicates the error on the LCD. It also displays cumulative operation hours of the air conditioner and compressor since commissioning.

- **Room temperature controlled by the remote control sensor**

The temperature sensor is housed in the top section of the remote control unit. This arrangement has improved the sensitivity of the remote control unit's sensor, which permits more finely controlled air conditioning.



SIMPLE REMOTE CONTROL (OPTION)

RCH-E3 (wired)



Considering specialized usage in hotel rooms, control buttons are limited only to minimum required functions such as ON/OFF, mode, temperature setting and fan speed. It is really simple and easy to use.

RCH-E3 is not applicable to the Individual flap control system and the Flap control system. When RCH-E3 is used, the fan has 3 speed settings (Hi-Me-Lo) only.

- **Up to 16 units**

It can control up to 16 units individually, with pressing the AIR CON No. button.

- **AUTO restart**

This function allows starting the air conditioner automatically when power supply is restored after power failure or by turning on the power switch.

WIRELESS REMOTE CONTROL (OPTION)

For wireless control simply insert the infrared receiver kit on a corner of the panel.

RCN-KIT3-E



RCN-E1R



Wireless remote control is not applicable to the Individual flap control system and the Flap control system. When wireless remote control and RCH-E3 are used, the fan has 3 speed settings (Hi-Me-Lo) only.

THERMISTOR (OPTION)

SC-THB-E3

In case sensor in the indoor units or the remote control sensor can not sense the room temperature correctly, or individual remote control in each room is not required but only sensor is required (as when center control system is in place), install SC-THB-E3 at proper place in the rooms.



SIMPLE SETTING REMOTE CONTROL (OPTION)

Advanced touch screen panel with full dot liquid crystal display

User friendly

- LCD panel with light tap operation introduced as the industry's first
- Simple interface with only three buttons

High level of visibility

- Big LCD with 3.8 inch full dot display
- Back light function

RC-EX1A



High power operation

The highest capacity operation (Max 15 minutes)

- Increasing air flow volume

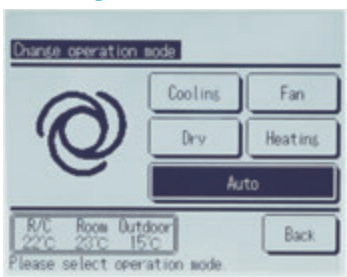
Energy-saving operation

- Changes set temperature. At 28°C in cooling mode and 25°C in auto mode.
- Operation correction by outdoor temperature

Run / Stop

Simple setting by tapping button only

Operation mode setting screen



The desired operation mode can be selected by simply tapping this button.

Operation mode
















Setting temperature screen



You can select the temperature as desired by tapping ▲▼ button.

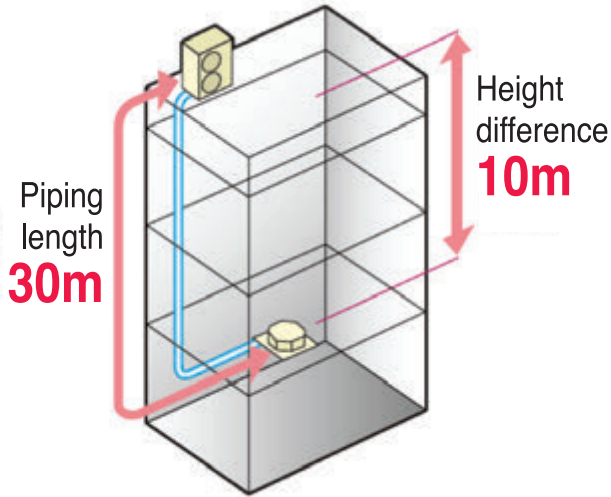
NON - INVERTER PAC

| TYPE | HI-COP | | | | |
|--|---------|---|---|---|------|
| | HP | 2 | 3 | 4 | 5 |
| | kW | 5.0 | 7.1 | 10.0 | 12.5 |
| FDT  | Indoor | FDT50CRS-S1 | FDT71CRS-S1 | FDT100CRS-S1 | — |
| | Outdoor | FDC50CRS-S1 | FDC71CRS-S1 | FDC100CR-S1 | — |
| FDUM  | Indoor | — | — | — | — |
| | Outdoor | — | — | — | — |
| FDE  | Indoor | FDE50CRS-S1 | FDE71CRS-S1 | FDE100CR-S1 | — |
| | Outdoor | FDC50CRS-S1 | FDC71CRS-S1 | FDC100CR-S1 | — |
| FDL  | Indoor | — | — | — | — |
| | Outdoor | — | — | — | — |
| OUTDOOR UNIT | |  |  |  | |

| TYPE | STANDARD | | | | |
|--|----------|---|------------|---|-------------|
| | HP | 2 | 3 | 4 | 5 |
| | kW | 5.0 | 7.1 | 10.0 | 12.5 |
| FDT  | Indoor | FDT50CR-S | FDT71CR-S | FDT100CR-S | FDT125CR-S |
| | Outdoor | FDC50CR-S | FDC71CR-S | FDC100CR-S | FDC125CR-S |
| FDUM  | Indoor | FDUM50CR-S | FDUM71CR-S | FDUM100CR-S | FDUM125CR-S |
| | Outdoor | FDC50CR-S | FDC71CR-S | FDC100CR-S | FDC125CR-S |
| FDE  | Indoor | — | — | — | FDE125CR-S |
| | Outdoor | — | — | — | FDC125CR-S |
| FDL  | Indoor | — | FDF71CR-S | — | FDF125CR-S |
| | Outdoor | — | FDC71CR-S | — | FDC125CR-S |
| OUTDOOR UNIT | |  | |  | |

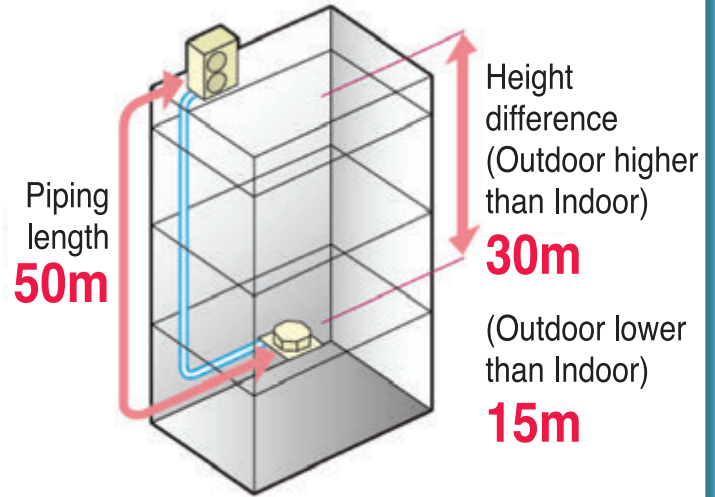
USAGE LIMITATION

Outdoor Temperature



FDC50, 71CR, CRS-S

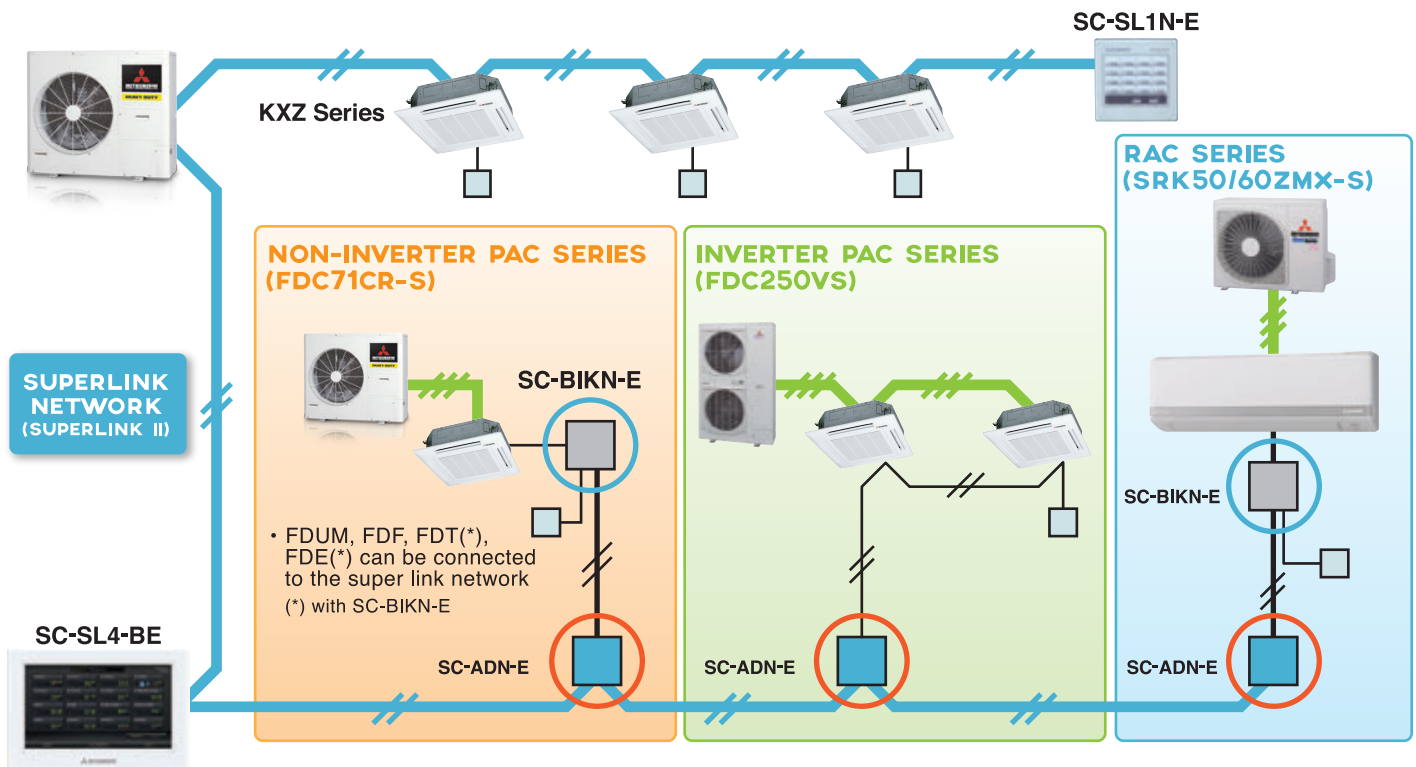
Pre-Charge piping length:
15m



FDC100, 125CR-S

Pre-Charge piping length:
30m

SUPERLINK SYSTEM



CEILING CASSETTE -4WAY- FDT

R410A
ECO-FRIENDLY



MHI - R410A

POINT 1 ARRANGEMENT OF INSTALLATION BALANCE OF INDOOR UNIT

Checking from access ports with detachable covers at each corner, arrangement of installation balance of indoor unit can be available without removing a panel. Workability is improved and time of installation is reduced.



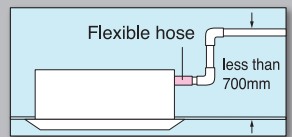
POINT 2 EASY CHECKING OF DRAIN PAN

Easy checking of drain pan condition is available by removing corner lid only. Due to new design, changing fan motor is available without removing a panel. Temporary setting of drain pan is also available.



POINT 3 700MM DRAIN PUMP

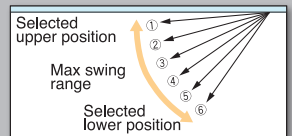
Drain can be discharged upwards by 700mm from the ceiling surface. It allows a piping layout with a high degree of freedom. Depending on the installation location and 260mm flexible hose as a standard equipment supports easy workability.



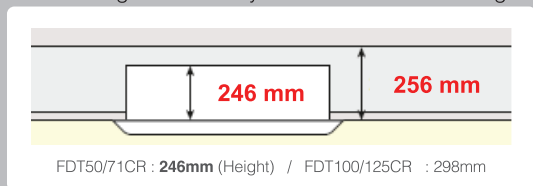
POINT 4 FLAP CONTROL SYSTEM

The flap can swing within the range of upper and lower flap position selected with wired remote control. (this system is applied for FDE type also)

*Wireless remote control and RCH-E3 is not applicable to the Individual flap control system and the Flap control system.



- Indoor height is thin easy to install at narrow ceiling



- MHI have 4 kind of remote control for option

REMOTE CONTROL

Wireless (standard)



Wired (option)



RC-EX1A

RC-E5

RCH-E3



FDT50/71/100CRS-S1
FDT50/71/100/125CR-S



FDC50CRS-S1
FDC50/71CR-S



FDC71CRS-S1



FDC100CR-S1
FDC100/125CR-S

REMOTE CONTROL

Wireless (standard)



Wired (option)



RC-EX1A



RC-E5



RCH-E3

SPECIFICATIONS

| | | | HI-COP | | | STANDARD | | | | | | | | | | |
|---|--|--|--------------------------------------|-------------|---|------------------------------------|----------------------------|------------------------------------|--------------------------------------|--------------------------------------|--------------------------|--|--|----------------------------|--|--|
| Indoor unit | | | FDT50CRS-S1 | FDT71CRS-S1 | FDT100CRS-S1 | FDT50CR-S | FDT71CR-S | FDT100CR-S | FDT125CR-S | | | | | | | |
| Outdoor unit | | | FDC50CRS-S1 | FDC71CRS-S1 | FDC100CR-S1 | FDC50CR-S | FDC71CR-S | FDC100CR-S | FDC125CR-S | | | | | | | |
| Power source | | | 1 Phase 220-240V 50Hz | | | 3 Phase 380-415V 50Hz | | | 1 Phase 220-240V 50Hz | | 3 Phase 380-415V 50Hz | | | | | |
| Cooling Capacity | | | kW | | 5.2 | 7.1 | 10.0 | 5.0 | 7.1 | 10.0 | 12.5 | | | | | |
| | | | BTU/h | | 17,742 | 24,225 | 34,120 | 17,060 | 24,225 | 34,120 | 42,650 | | | | | |
| Input | | | W | | 1,460 | 1,960 | 2,941 | 1,613 | 2,290 | 2,941 | 4,464 | | | | | |
| COP | | | 3.56 | | 3.62 | 3.40 | 3.10 | 3.10 | 3.40 | 2.80 | | | | | | |
| EER | | | 12.15 | | 12.35 | 11.60 | 10.58 | 10.58 | 11.60 | 9.55 | | | | | | |
| Max. running current | | | A | | 9.2 | 12.6 | 11.7 | 12 | 17 | 11.7 | 16.1 | | | | | |
| Inrush Current | | | A | | 10 | 17 | 12 | 30 | 44 | 12 | 17 | | | | | |
| Sound power level | | | Indoor | | 57 | 64 | 65 | 55 | 64 | 65 | 68 | | | | | |
| | | | Outdoor | | 65 | 69 | 70 | 65 | 67 | 70 | 72 | | | | | |
| Sound pressure level | | | Indoor | | Hi:39 Me:33 Lo:31 | Hi:46 Me:35 Lo:33 | Hi:51 Me:40 Lo:38 | Hi:39 Me:33 Lo:31 | Hi:46 Me:35 Lo:33 | Hi:51 Me:40 Lo:38 | Hi:51 Me:43 Lo:41 | | | | | |
| | | | Outdoor | | 50 | 54 | 57 | 50 | 55 | 57 | 59 | | | | | |
| Air flow | | | Indoor | | Hi:18 Me:16 Lo:14 | Hi:28 Me:21 Lo:19 | Hi:31 Me:27 Lo:20 | Hi:20 Me:18 Lo:16 | Hi:28 Me:21 Lo:19 | Hi:31 Me:27 Lo:20 | Hi:34 Me:30 Lo:23 | | | | | |
| | | | Outdoor | | 38 | 60 | 75 | 38 | 38 | 75 | 75 | | | | | |
| Exterior dimensions | | | Indoor | | HxWxD | U:246 x 840 x 840 P:35 x 950 x 950 | U:298x840x840 P:35x950x950 | U:246 x 840 x 840 P:35 x 950 x 950 | U: 298 x 840 x 840 P: 35 x 950 x 950 | U: 298 x 840 x 840 P: 35 x 950 x 950 | | | | | | |
| | | | Outdoor | | (mm) | 640 x 850 (+65) x 290 | 750 x 880 (+88) x 340 | 845 x 970 x 370 | 640 x 850 (+65) x 290 | 845 x 970 x 370 | | | | | | |
| Net Weight | | | Indoor | | kg | 29.5 (U:24 P:5.5) | 32.5 (U:27 P:5.5) | 27.5 (U:22 P:5.5) | 29.5 (U:24 P:5.5) | 32.5 (U:27 P:5.5) | | | | | | |
| | | | Outdoor | | 42 | 52 | 78 | 40 | 47 | 78 | 87 | | | | | |
| Refrigerant | | | R410A | | | | | | | | | | | | | |
| Ref.piping size | | | Liquid/Gas | Ømm | 6.35(1/4") / 15.88(5/8") | | | 9.52 (3/8") / 15.88 (5/8") | | | 6.35(1/4") / 15.88(5/8") | | | 9.52 (3/8") / 15.88 (5/8") | | |
| Refrigerant line (one way) length | | | m | | Max.30 | | | Max.50 | | | Max.30 | | | Max.50 | | |
| Vertical height diff./Outdoor is higher/lower | | | m | | Max.10 / Max.10 | | | Max.30/Max.15 | | | Max.10 / Max.10 | | | Max.30 / Max.15 | | |
| Panel | | | T-PSN-3BW-E (wireless) / T-PSA-3BW-E | | | | | | | | | | | | | |
| Remote Control | | | Wireless | | Standard (include T-PSN-3BW-E) | | | | | | | | | | | |
| | | | Wired | | RC-EX1A, RC-E5, RCH-E3 (option) (need SC-BIKN option) | | | | | | | | | | | |

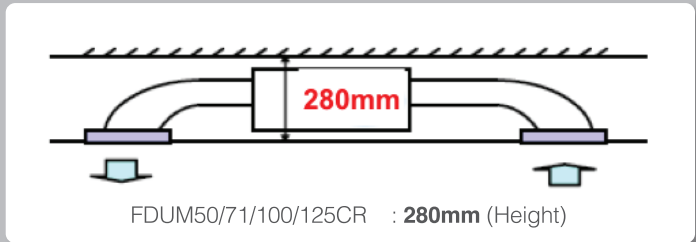
*U = Unit, P = Panel

DUCT CONNECTED -MIDDLE STATIC PRESSURE- FDUM



MHI - R410A

- Indoor height is thin easy to install at narrow ceiling



- MHI have 4 kind of remote control for option

REMOTE CONTROL

Wireless (standard) Wired (option)

RC-EX1A RC-E5 RCH-E3

- Static pressure range is more flexible with Automatic Control by Remote (E.S.P) 35 – 100 Pa

- Automatic external static pressure (E.S.P.) control
Duct design was simplified. Using DC motor, the most optimum air flow volume can be achieved by this automatic control. Indoor unit will recognize external static pressure by itself automatically and kept rated air flow volume.

| Setting No. | No.1 | No.2 | No.3 | No.4 | No.5 | No.6 | No.7 | No.8 | No.9 | No.10 |
|-------------|------|------|------|------|------|------|------|------|------|-------|
| E.S.P. | 10Pa | 20Pa | 30Pa | 40Pa | 50Pa | 60Pa | 70Pa | 80Pa | 90Pa | 100Pa |

RC-E5
E.S.P. button
External Static Pressure (E.S.P.) can be set by E.S.P. button.



FDUM50/71/100/125CR-S

FILTER KIT (OPTION)

- UM-FL1EF : for 50
- UM-FL2EF : for 71
- UM-FL3EF : for 100, 125



external static pressure loss:5Pa



FDC50/71CR-S



FDC100/125CR-S

REMOTE CONTROL

Wireless (option)

Wired (option)



RCN-KIT3-E



RC-EX1A



RC-E5



RCH-E3

SPECIFICATIONS

| | | | STANDARD | | | |
|---|------------|---------------------|---------------------------------|---------------------------|----------------------------|---------------------------|
| Indoor unit | | | FDUM50CR-S | FDUM71CR-S | FDUM100CR-S | FDUM125CR-S |
| Outdoor unit | | | FDC50CR-S | FDC71CR-S | FDC100CR-S | FDC125CR-S |
| Power source | | | 1 Phase 220-240V 50Hz | | 3 Phase 380-415V 50Hz | |
| Cooling Capacity | kW | | 5.0 | 7.1 | 10.0 | 12.5 |
| | BTU/h | | 17,060 | 24,225 | 34,120 | 42,650 |
| Input | | W | 1,613 | 2,290 | 3,226 | 4,464 |
| COP | | | 3.10 | 3.10 | 3.10 | 2.80 |
| EER | | | 10.58 | 10.58 | 10.58 | 9.55 |
| Max. running current | A | | 12 | 17 | 10 | 14 |
| Inrush Current | A | | 20 | 20 | 10 | 14 |
| Sound power level | Indoor | | 60 | 65 | 65 | 67 |
| | Outdoor | | 65 | 67 | 70 | 72 |
| Sound pressure level | Indoor | dB(A) | P-Hi:37 Hi:32 Me:29 Lo:26 | P-Hi:38 Hi:33 Me:31 Lo:29 | P-Hi:47 Hi:40 Me:37 Lo:32 | P-Hi:47 Hi:41 Me:37 Lo:32 |
| | Outdoor | | 50 | 55 | 57 | 59 |
| Air flow | Indoor | m ³ /min | P-Hi:13 Hi:10 Me:9 Lo:8 | P-Hi:24 Hi:19 Me:15 Lo:10 | P-Hi:39 Hi:32 Me:26 Lo:20 | P-Hi:48 Hi:35 Me:28 Lo:22 |
| | Outdoor | | 38 | 38 | 75 | 75 |
| Available external static pressure | Pa | | Standard: 35 Max: 100 | | Standard: 60 Max: 100 | |
| Exterior dimensions | Indoor | HxWxD (mm) | 280 x 750 x 635 | | 280 x 950 x 635 | |
| | Outdoor | | 640 x 850 (+65) x 290 | | 845 x 970 x 370 | |
| Net Weight | Indoor | kg | 29 | 34 | 54 | 54 |
| | Outdoor | | 40 | 47 | 78 | 87 |
| Refrigerant | | | R410A | | | |
| Ref.piping size | Liquid/Gas | Ømm | 6.35(1/4") / 15.88(5/8") | | 9.52 (3/8") / 15.88 (5/8") | |
| Refrigerant line (one way) length | m | | Max. 30 | Max. 30 | Max. 50 | Max. 50 |
| Vertical height diff. / Outdoor is higher/lower | m | | Max.10 / Max.10 | | Max. 30 / Max. 15 | |
| Remote Control | Wireless | | RCN-KIT3-E (option) | | | |
| | Wired | | RC-EX1A, RC-E5, RCH-E3 (option) | | | |

CEILING SUSPENDED FDE

R410A
ECO-FRIENDLY



MHI - R410A

REMOTE CONTROL

Wireless (standard)



Wired (option)



RC-EX1A



RC-E5



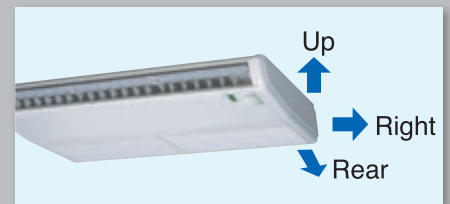
RCH-E3

POINT
1

IMPROVED INSTALLATION WORKABILITY

Increased freedom of a piping layout

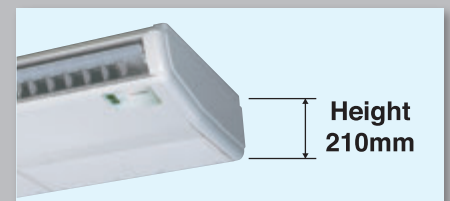
The refrigerant pipe from the unit can be arranged in three directions, rear, right and up. The drain pipe can be arranged in two directions, left and right. This will allow a free layout of piping for various installation conditions. The unit can only be serviced from the bottom.

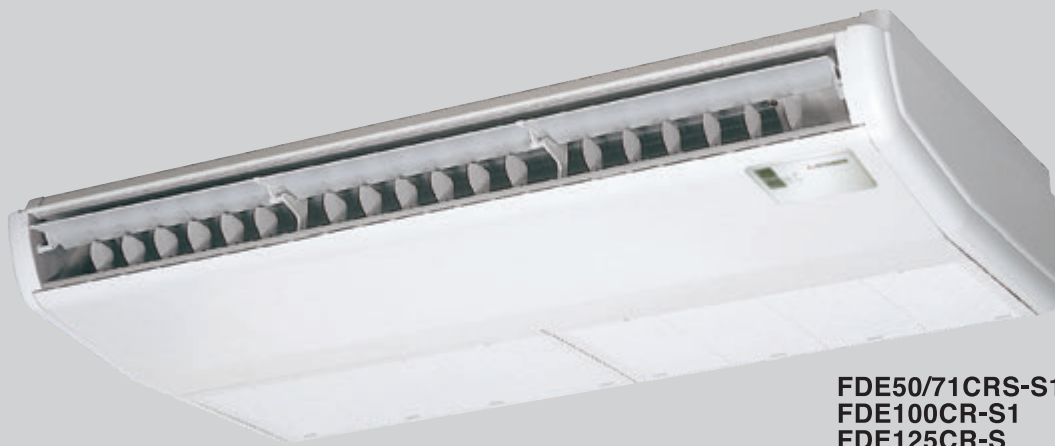


POINT
2

COMPACT AND MODERN DESIGN

All models fit compactly on ceiling. (Height-210mm or 250mm). Plain, modern design featuring rounded edges gives room a comfortable atmosphere. FDE50CRS-S weights 32kg the lightest level in the industry. Convenient and quick installation





FDE50/71CRS-S1
FDE100CR-S1
FDE125CR-S



FDC50CRS-S1



FDC71CRS-S1



FDC100CR-S1
FDC125CR-S

REMOTE CONTROL

Wireless (standard)



Wired (option)



RC-EX1A



RC-E5



RCH-E3

SPECIFICATIONS

| | | | HI-COP | | STANDARD | |
|---|------------|---------------------|---|-----------------------|----------------------------|-------------------|
| Indoor unit | | | FDE50CRS-S1 | FDE71CRS-S1 | FDE100CR-S1 | FDE125CR-S |
| Outdoor unit | | | FDC50CRS-S1 | FDC71CRS-S1 | FDC100CR-S1 | FDC125CR-S |
| Power source | | | 1 Phase 220-240V 50Hz | | 3 Phase 380-415V 50Hz | |
| Cooling Capacity | | kW | 5.3 | 7.1 | 10.0 | 12.5 |
| | | BTU/h | 18,084 | 24,225 | 34,120 | 42,650 |
| Input | | W | 1,430 | 2,000 | 3,180 | 4,425 |
| COP | | | 3.71 | 3.55 | 3.14 | 2.82 |
| EER | | | 12.65 | 12.11 | 10.73 | 9.64 |
| Max. running current | | A | 12 | 17 | 10 | 14 |
| Inrush Current | | A | 20 | 20 | 10 | 14 |
| Sound power level | Indoor | | 59 | 63 | 61 | 64 |
| | Outdoor | | 65 | 67 | 70 | 72 |
| Sound pressure level | Indoor | dB(A) | Hi:46 Me:38 Lo:36 | Hi:50 Me:39 Lo:36 | Hi:45 Me:43 Lo:37 | Hi:48 Me:46 Lo:38 |
| | Outdoor | | 50 | 55 | 57 | 59 |
| Air flow | Indoor | m ³ /min | Hi:20 Me:15 Lo:13 | Hi:23 Me:16 Lo:13 | Hi:29 Me:26 Lo:17 | Hi:33 Me:29 Lo:18 |
| | Outdoor | | 38 | 60 | 75 | 75 |
| Exterior dimensions | Indoor | HxWxD (mm) | 210 x 1320 x 690 | 210 x 1320 x 690 | 250 x 1620 x 690 | |
| | Outdoor | | 640 x 850 (+65) x 290 | 750 x 880 (+88) x 340 | 845 x 970 x 370 | |
| Net Weight | Indoor | kg | 32 | 32 | 42 | 42 |
| | Outdoor | | 42 | 52 | 78 | 87 |
| Refrigerant | | | R410A | | | |
| Ref.piping size | Liquid/Gas | Ømm | 6.35 (1/4") / 15.88 (5/8") | | 9.52 (3/8") / 15.88 (5/8") | |
| Refrigerant line (one way) length | | m | Max. 30 | Max. 30 | Max. 50 | Max. 50 |
| Vertical height diff. / Outdoor is higher/lower | | m | Max.10 / Max.10 | | Max. 30 / Max. 15 | |
| Remote Control | Wireless | | Standard | | | |
| | Wired | | RC-EX1A, RC-E5, RCH-E3 (option) (need SC-BIKN option) | | | |

FLOOR STANDING FDF

R410A
ECO-FRIENDLY



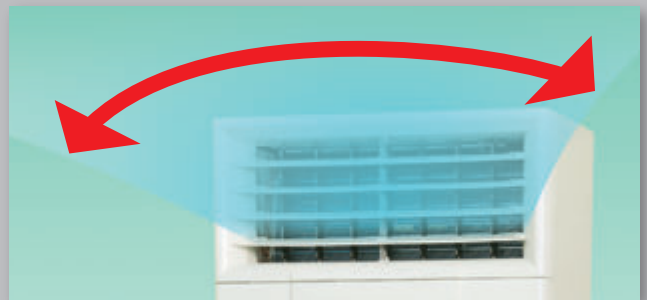
MHI - R410A

POINT

1

AUTO HORIZONTAL SWING

Auto horizontal swing wakes wide and powerful air flow, increase your comfort, realizing high efficiency in combination with our highly advanced outdoor units.



POINT

2

EASY TRANSPORTATION AND INSTALLATION WORKABILITY

Piping and drain hose connection can be selected out of 4 – direction and the selection makes installation workability more effective. Due to slim design (Depth:320mm), easy transportation and installation are realized.

Easy Maintenance

The surface of heat exchanger can be appeared only removing the front panel. Easy cleaning of heat exchanger is possible.





FDF71/125CR-S



FDC71CR-S



FDC125CR-S

SPECIFICATIONS

| | | | STANDARD | |
|---|------------|---------------------|----------------------------|----------------------------|
| Indoor unit | | | FDF71CR-S | FDF125CR-S |
| Outdoor unit | | | FDC71CR-S | FDC125CR-S |
| Power source | | | 1 Phase , 220-240V, 50Hz | |
| Cooling Capacity | kW | | 7.1 | 12.5 |
| | BTU/h | | 24,225 | 42,650 |
| Input | | W | 2,507 | 4,781 |
| COP | | | 2.83 | 2.61 |
| EER | | | 9.66 | 8.92 |
| Max. running current: | | | 13.2 | 9.92 |
| Inrush Current | | | 18 | 14.3 |
| Sound power level | Indoor | | 58 | 63 |
| | Outdoor | | 67 | 72 |
| Sound pressure level | Indoor | dB(A) | Hi:46 Me:38 | Hi:51 Me:44 Lo:43 |
| | Outdoor | | 55 | 59 |
| Air flow | Indoor | m ³ /min | Hi:21 Me:15 | Hi:25 Me:17 Lo:15 |
| | Outdoor | | 38 | 75 |
| Refrigerant Control | | | Capillary | Electronic Expansion Valve |
| Exterior dimensions | Indoor | HxWxD (mm) | 1,850 x 600 x 320 | 1,850 x 600 x 320 |
| | Outdoor | | 640 x 850 (+65) x 290 | 845 x 970 x 370 |
| Net Weight | Indoor | kg | 49 | 52 |
| | Outdoor | | 47 | 87 |
| Refrigerant | | | R410A 1,450g | R410A 2,250g |
| Ref.piping size | Liquid/Gas | Ømm | 6.35 (1/4") / 15.88 (5/8") | 9.52 (3/8") / 15.88 (5/8") |
| Refrigerant line (one way) length | | m | Max.30 | Max.50 |
| Vertical height diff. / Outdoor is higher/lower | | m | Max.10 / Max.10 | Max.30 / Max.15 |
| Remote Control | Wireless | | No option | |
| | Wired | | Standard | |



TOWARDS A BETTER FUTURE TOGETHER

Mitsubishi Heavy Industries, Ltd.

Japan Head Office : 16-5 2-Chome Kounan Minato-ku Tokyo 108-8215, Japan www.mhi.co.jp

Mitsubishi Heavy Industries-Mahajak Air Conditioners Co., Ltd.

220 Soi Chalongkrung 31, Lamplatiw, Lad Krabang, Bangkok 10520, Thailand www.maco.co.th

ISO9001

Our Air Conditioning & Refrigeration Systems Headquarters is an ISO9001 approved factory for residential air conditioners and commercial-use air conditioners (including heat pumps).



BIWAJIMA PLANT
Mitsubishi Heavy Industries, Ltd.
Air-conditioning & Refrigeration Systems Headquarters
Certified ISO 9001
Certificate number : JQA-C709
Date of certification : December 16, 1994



**MITSUBISHI HEAVY INDUSTRIES-
MAHAJAK AIR CONDITIONERS CO., LTD.**
Certified ISO 9001
Certificate Number : 184708 1998 0813
Date of Registration : October 1998

ISO14001

Our Air Conditioning & Refrigeration Systems Headquarters has been assessed and found to comply with the requirements of ISO14001.



BIWAJIMA PLANT
Mitsubishi Heavy Industries, Ltd.
Air-conditioning & Refrigeration Systems Headquarters
Certified ISO 14001
Certificate number : JQA-E20256
Date of certification : November 20, 1998



**MITSUBISHI HEAVY INDUSTRIES-
MAHAJAK AIR CONDITIONERS CO., LTD.**
Certified ISO 14001
Certificate Number : 184708 1998 0813 E3
Date of Registration : December 2005

Because of our policy of continuous improvement, we reserve right to make changes in all specifications without notice.