



AIR CONDITIONING

THE  
EXPERTS  
IN AIR

A close-up photograph of a white, rectangular ceiling-mounted air conditioning unit. The unit is recessed into a light-colored ceiling. A small, rectangular access panel is visible on the front of the unit, featuring the Mitsubishi logo and the text "MITSUBISHI HEAVY INDUSTRIES".

**CEILING  
SYSTEMS**

HEATING AND COOLING SOLUTIONS

# ULTIMATE

## Customer Satisfaction



With a long-standing history of innovation and independent brand and product award wins, Mitsubishi Heavy Industries Air-Conditioners Australia is a leading supplier of heating and cooling solutions.

### UNRIVALLED RELIABILITY

MHIAA are a global company, with a local heart. We are driven by our commitment to innovation, integrity and excellence, strong sales and after-service leadership.

### CUSTOMER SATISFACTION

We are committed to building strong community relationships and consistently delivering high-quality, innovative products that meet the evolving needs of our customers.

### SUPERIOR TECHNOLOGY

MHIAA has thrived over 25 years by ensuring innovation is at the forefront of our products. With focus on energy efficiency, SMART home connectivity and Clean Air Technology, we are bringing tomorrow's technology to consumers today.

### AWARD-WINNING PERFORMANCE

MHIAA is the most independently awarded brand of air conditioners in Australia, reflecting our on-going performance in the Australian market, and cementing our position as The Experts in Air.

### COMMITTED TO QUALITY

Standing behind the quality of our products, is our commitment to our customers and our after sales service guarantees. Along with the rigorous quality assurance testing carried out on all Mitsubishi Heavy Industries products, comprehensive warranties provide you with peace of mind and carry our commitment to quality.

### 5 YEARS PARTS AND LABOUR WARRANTY

Mitsubishi Heavy Industries Air Conditioners Australia focuses solely on manufacturing high performance air conditioners for the Australian market. All our systems are of the highest quality and are backed by a full 5 year parts and labour warranty.



### EXCEEDING ENERGY PERFORMANCE STANDARDS

To comply with Australian standards and deliver the most efficient solutions possible to our customers, all Mitsubishi Heavy Industries Air Conditioners Australia systems meet and exceed the Minimum Energy Performance Standards (MEPS).



# Key Features and Functions

Our ceiling systems come with a number of key convenient features and functions that are designed to ensure your comfort all year round. See page 9 for full list of all features and functions.



## HIGH POWER OPERATION

Provides 15mins of boosted power allowing you to quickly heat or cool your home before returning to normal operation. Perfect for when you first turn on the unit.



## WEEKLY TIMER

Set up to 4 timer operations a day (max 28 per week). Once set, the unit will turn on and off at the specified times of the day repeatedly.



## SLEEP TIMER

Allows you to set a preset amount of time between 30 and 240 minutes for your unit to operate before switching off



## SILENT OPERATION

Program periods where the unit will operate with reduced noise levels.



## BUILT-IN DRAIN PUMP

The built-in drain pump, which includes a lift of 850mm, allows greater flexibility with installation, offering a great solution for applications with limited space\*.



## VERTICAL AUTO SWING

Set the vertical louvres on your unit to move up and down continuously during operation. This function allows you to set the up/down swing position of the louvre to your preferred angle.

\*Applicable to FDT and FDTC products

# Our Technology

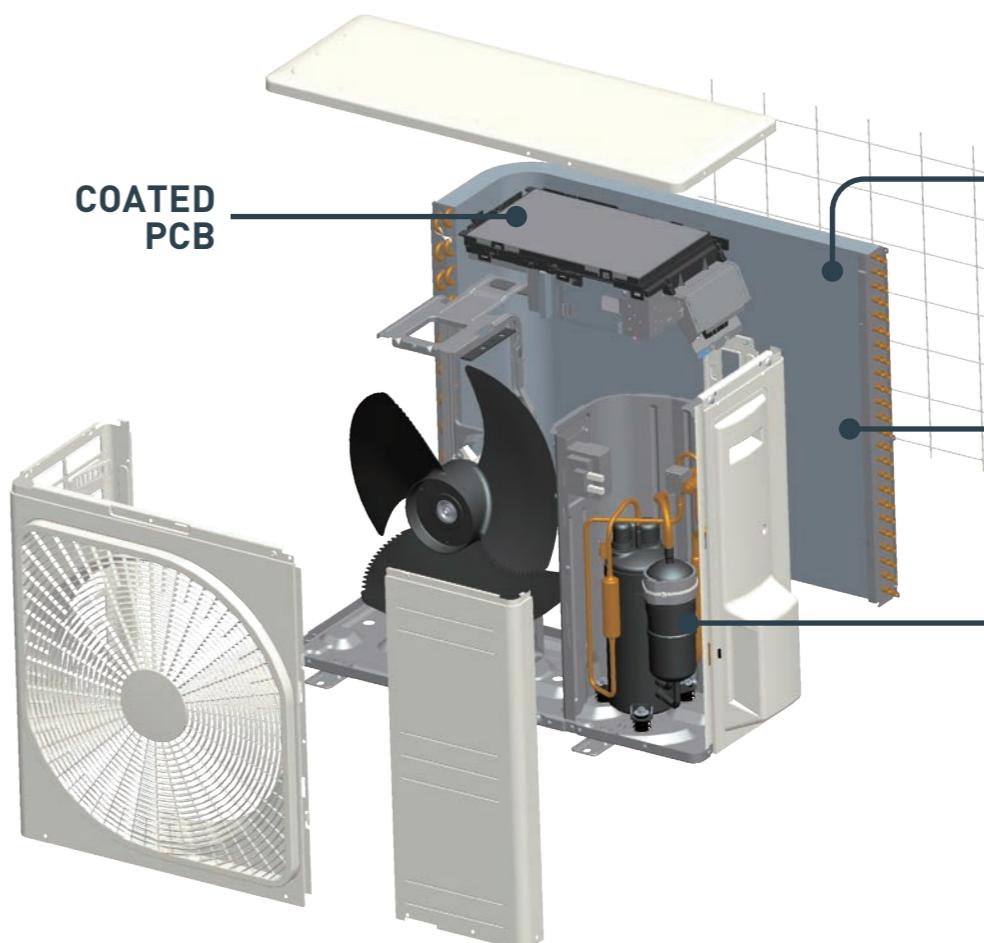
## IMPROVED HEAT EXCHANGER

Our new and improved heat exchanger has been developed to improve refrigerant distribution and increase the systems effectiveness. The new design features a larger heat exchange area, boosting the unit's overall efficiency.

COATED PCB

## COATED PCB

To protect against humid weather a protective coating is applied to the circuit board in the outdoor unit, allowing it to withstand Australia's varying weather conditions and ensure the longevity of your system.



## BLUE FIN TECHNOLOGY

Mitsubishi Heavy Industries outdoor units are coated with specially formulated layers featuring hydrophobic properties to assist in reducing the corrosion rate of the aluminium section from harsh Australian Weather conditions.

\*Available on FDCA outdoor units.

## IMPROVED HEAT EXCHANGER

## HIGH EFFICIENCY COMPRESSOR

## HIGH EFFICIENCY COMPRESSOR

One of the key features that provides Mitsubishi Heavy Industries air conditioners with their powerful performance is our highly efficient compressor. Combined with a Neodymium motor that uses powerful, rare earth magnets, Mitsubishi Heavy Industries air conditioners can deliver a higher motor efficiency while producing much less operational noise.

## DC PAM INVERTER

The PAM control used in Mitsubishi Heavy Industries air conditioners helps minimise the loss of electricity and boost the efficiency by allowing the unit to reach the temperature quickly before slowing down the compressor. This allows the unit to save energy while maintaining a comfortable temperature in the room.

## WIDE OPERATION RANGE

With our advanced technology and high quality components, Mitsubishi Heavy Industries air conditioners can operate in ambient outdoor temperatures as low as -20°C in heating mode and as high as +50°C in cooling mode.

This permits the installation in areas where the temperature conditions can be considered extreme.

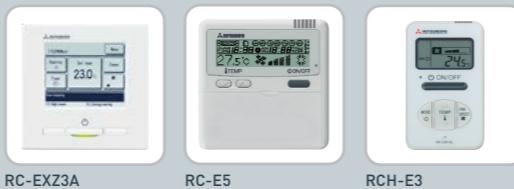
# FDT Series



See pg. 9 for full list of features and functions

## Control Solutions

### Wired



### Wireless



### Motion Sensor



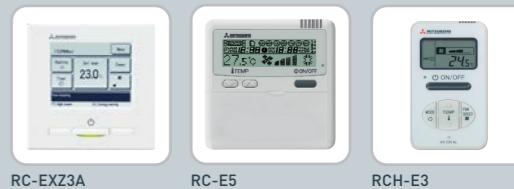
# FDTC Series



See pg. 9 for full list of features and functions

## Control Solutions

### Wired



### Wireless



## Four Way Ceiling Cassette 5.6kW | 7.1kW | 10.0kW | 12.1kW | 12.5kW | 14.0kW

### EASY MAINTENANCE

Easily check the drain pan by simply removing the corner panel.



Remove cover lid



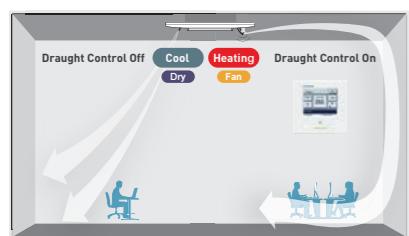
Remove drain cap cover and check the condition. To clean, firstly remove the rubber plug to drain water before removing the drain cap.



Clean up the area around the drain pump port.

### DRAUGHT PREVENTION PANEL

The Draught Prevention Panel utilises 4 specially designed louvres to direct airflow horizontally along the ceiling, eliminating uncomfortable draughts.



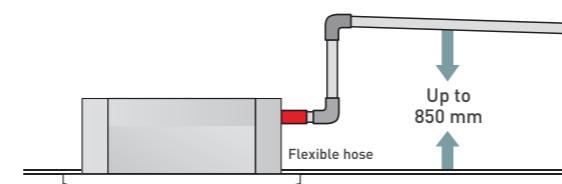
### INDIVIDUAL LOUVRE CONTROL

Individually control each of the four louvre's position, to deliver varied airflow in all directions.



### BUILT-IN DRAIN PUMP

Drain can be discharged upwards by 850mm from the ceiling surface allowing for flexible piping layout to suit many applications.



## Compact Four Way Ceiling Cassette 2.5kW | 3.5kW | 5.0kW | 5.6kW

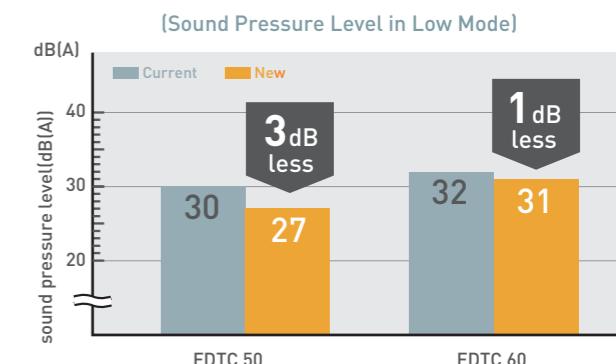
### FLAT PANEL AND GRILL DESIGN

Weighing only 14kgs, with a main body height of only 248mm and fascia panel of only 10mm, the new FDTC series can be easily installed in a huge range of applications where space may be limited.



### QUIETER OPERATION

New and improved turbo fan and heat exchanger design has allowed for a reduction in operation noise.



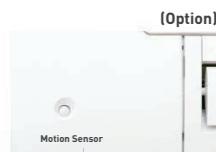
### DRAUGHT PREVENTION PANEL

The Draught Prevention Panel utilises 4 specially designed louvres to direct airflow horizontally along the ceiling, eliminating uncomfortable and annoying draughts.



### MOTION SENSOR

Monitors human activity in the room and adjusts temperature setting to produce optimum temperature and save energy. Will turn unit to standby mode to also save energy.





See pg. 9 for full list of features and functions

## Control Solutions

### Wired



### Wireless



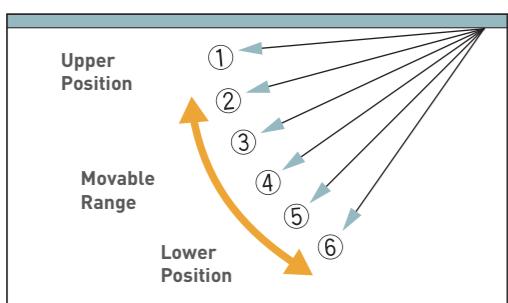
### Motion Sensor

## Ceiling Suspended 7.1kW | 10.0kW | 12.1kW | 12.5kW | 14.0kW

### ADJUSTABLE LOUVRES

Set the louvres in a number of fixed positions for effective air distribution.

\*Not available with RCH-E3 controller



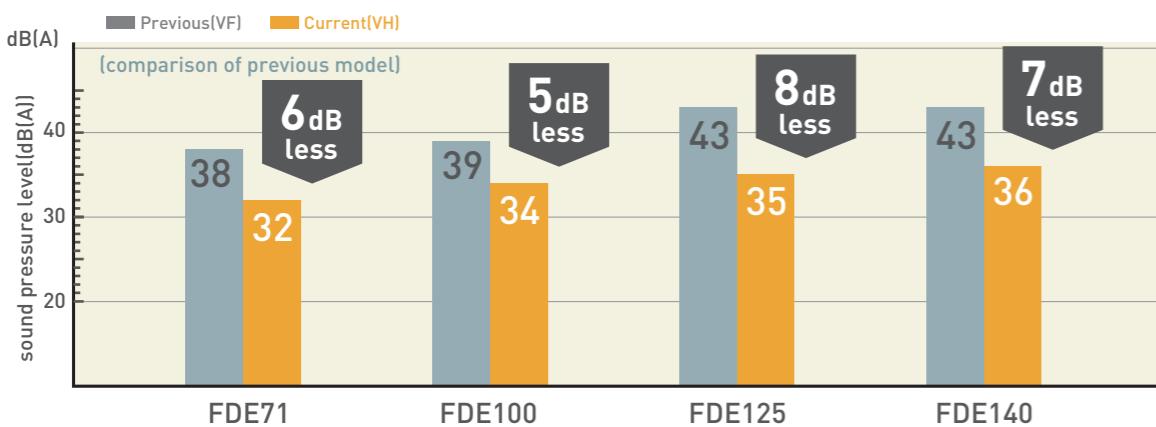
### SLIM LIGHTER DESIGN

By reducing the number of fan motors, the FDE series has been able to adopt a slim and more lightweight design.

	Previous (VF)	Current (VH)	
FDE71	37	33	4kg less!
FDE100	49	43	6kg less!
FDE125	49	43	6kg less!
FDE140	49	43	6kg less!

### REDUCED OPERATION NOISE

By adjusting airflow volume and decreasing pressure loss by utilising one single fan motor, the FDE series boasts some of the industry's lowest operation noise levels.



	FUNCTION	DESCRIPTION	FDT	FDTC	FDE
AIRFLOW	Louvre Control System	Set the upper and lower limit positions of the louvre at each air outlet individually, providing you with complete control over interior air flow.	●	●	●
AIRFLOW	Automatic Fan Speed	The unit's on-board microcomputer continuously monitors the room's air temperature and adjusts the air flow automatically.	●	●	●
AIRFLOW	Vertical Auto Swing	The vertical louvres on your unit will move up and down continuously during operation. This function allows you to set the up/down swing position of the louvre to your preferred operation angle.	●	●	●
CLEAN AIR	Air Filter	The air filter in the unit traps and removes airborne dust particles and other allergens to provide you with a clean air function.	●	●	●
CLEAN AIR	Filter Sign	Warning that alerts you to when the filter needs to be cleaned.	●	●	●
OUTSIDE AIR	Outside Air Intake	Provides clean fresh air into the room through the external air intake, avoiding the constant recycling of internal air.	●	●	Optional
Maintenance	Self Diagnostics	The internal microcomputer automatically runs a diagnostic of the system in the event of a malfunction. This enables your authorised dealer to isolate and repair any issues.	●	●	●
Maintenance	Built-in Drain Pump	The built-in drain pump, which includes a lift of 850mm, allows greater flexibility with installation, offering a great solution for applications with limited space.	●	●	
ENERGY SAVING	Set Temperature Auto Return*	Allows you to program a preferred set temperature that the unit will return to each time it is operated.	●	●	●
ENERGY SAVING	Home Leave Operation*	Ensures that when the room is unoccupied for long periods of time, the unit will maintain a moderate indoor temperature, avoiding extremely hot or cool temperatures.	●	●	●
OPERATION	Peak-Cut Timer*	Preset the capacity limit during certain periods of the day, minimising energy consumption during peak billing times, thus reducing operation costs.	●	●	●
OPERATION	Hi Power Operation*	Provides 15mins of boosted heating or cooling power before returning to normal operation. Perfect for when first using the unit.	●	●	●
OPERATION	Silent Operation	Allows you to program periods where the unit will operate with reduced noise levels, perfect for night time and an uninterrupted sleep.	●	●	●
OPERATION	Automatic Operation	Automatically selects the required heating or cooling function based on the current room conditions.	●	●	●
OPERATION	Weekly Timer	Set your unit to turn on and off automatically on a weekly basis to suit your usual room usage on each day.	●	●	●
OPERATION	Sleep Timer	Set a pre-determined amount of time between 30 and 240 mins that your unit will operate for before switching off.	●	●	●
OPERATION	Function Switch*	From the six available functions on the unit, this function allows you to set two functions to operate automatically. (Note: this is not available when a centralised remote control is connected).	●	●	●

\*Functions can only be enabled using RC-EXZ3A wired controller.

On/off timer, weekly timer and sleep timer are disabled if Wi-Fi accessory connected. Similar functions can be set via the AC Cloud application.

# Control Solutions

## WIRED CONTROLLERS



### RC-EXZ3A

- Large, 3.8" backlit LCD touch screen with easy to navigate menu.
- Control the set temperature, operation mode and fan speed.
- Access timer and scheduling functions.
- Access additional features including Home Leave mode, Silent Mode, High Power mode plus many more.
- Multi-language display (6 languages).



### RC-E5

- Easy to use controller with LCD Display.
- Control the set temperature, operation mode and fan speed.
- Access timer and scheduling functions.
- Access service, maintenance and technical data.



### RCH-E3

- Simple, easy to use controller.
- Control the set temperature, operation mode and fan speed.

## WIRELESS KITS AND REMOTE CONTROLS

### KEY FEATURES

- Hi Power Mode
- Energy Saving Mode
- Home Leave Mode

### FDT



RCN-T-5BW-E2 (FINE SNOW)    RCN-T-5BB-E2 (SHADOW BLACK)

### FDTC



RCN-TC-5AW-E3 (FINE SNOW)

### FDE



RCN-E-E3

### THERMISTOR (OPTIONAL)

Used in cases where the sensor in the indoor unit or the remote control can not detect the room temperature correctly or individual remote control in each room is not required.



SC-THB-E3

### WI-FI ADAPTOR

#### MH-RC-WIFI-1B

The MH-RC-WIFI-1B allows you to control your system via your smart device or browser including on/off, temperature, mode and fan speed settings.



Device to be installed by a qualified licensed person, and to a location not susceptible to temperatures above 40°C.

# WI-FI SOLUTION



## Control Your Air Your Way

### MH-RC-WIFI-1B

- CONTROL YOUR AIR CONDITIONER USING YOUR SMARTPHONE, TABLET OR DESKTOP VIA EASY TO USE AC CLOUD CONTROL APP\*.
- CONTROL YOUR AIR CONDITIONER USING VOICE COMMAND VIA YOUR GOOGLE OR AMAZON SMART DEVICE\*\*.
- SET UP 'FAVOURITE' SETTINGS AND ACTIVATE THEM WITH A SINGLE TAP.
- SET YOUR SYSTEM TO RESPOND TO THE WEATHER, YOU ARRIVING HOME, CALENDAR EVENTS AND MORE\*\*.
- RECEIVE INSTANT NOTIFICATIONS AND EMAIL UPDATES\*\*.

\*Requires MH-RC-WIFI-1B Wi-Fi adaptor (sold separately)

\*\*In conjunction with IFTTT and other apps (must be downloaded separately).

Note: Some additional functions may not be available via AC Cloud Control app. The system's On/Off timer, weekly timer and sleep timer are disabled if a Wi-Fi accessory is connected. Similar functions can be set via the AC Cloud App.

## AC Cloud Control



Compatible with



Amazon Alexa

Google Assistant

Apple Siri

Controlling your device with AC Cloud Control app requires aforementioned Wi-Fi adaptors and working internet or Wi-Fi connection. Google Account required for use with Google devices. Features and services may change without notice. Google is a trademark of Google LLC.

## PRODUCT SPECIFICATIONS

# FDT SERIES



# FDTC SERIES



Images are for illustration purposes and actual product labels may differ.

CAPACITY		5.6kW	7.1kW	10.0kW	10.0kW	10.0kW	10.0kW	12.1kW	12.5kW	14.0kW	10kW	12.5kW	14.0kW	10kW	12.5kW	14.0kW		
Set		FDT16ZSXA/WH	FDT17AVNXXWH	FDT100AVNXXWH	FDT100NPVWH	FDT100AVNPVWH	FDT100NPVWH	FDT125AVNXXWH	FDT125AVNXXWH	FDT140AVNXXWH	FDT100AVSAXWH	FDT125AVSAXWH	FDT140AVSAXWH	FDT100VH	FDT125VH	FDT140VH		
Indoor		FDT60VH	FDT7VH	FDCA17VNX-W	FDCA100NA-W	FDC100NP-W	FDC100NP-W	FDC125VNP-W	FDC125VNP-W	FDC140VNP-W	FDC100VSA-W	FDC125VSA-W	FDC140VSA-W	FDT100VH	FDT125VH	FDT140VH		
Outdoor		SRC60ZSXA-W	SRC7VH	SRC100VNX-W	SRC100NA-W	SRC100NP-W	SRC100NP-W	SRC125VNP-W	SRC125VNP-W	SRC140VNP-W	SRC100VSA-W	SRC125VSA-W	SRC140VSA-W	SRC60VH	SRC7VH	SRC100VH		
Power Source (Outdoor Unit)	Nominal Capacity (Range)	Cooling T1 Heating H1	5.6(1.1-6.3) 6.7(0.6-6.7)	7.1(3.2-8.0) 8.0(3.6-9.0)	10.0(4.0-11.2) 11.2(4.0-12.5)	10(2.1-10.2) 10(1.7-10.4)	10(2.1-10.2) 10(1.7-10.4)	12.1(5.0-12.1) 12.1(4.0-13.3)	12.1(5.0-12.1) 12.1(4.0-13.3)	14.0(3.5-16.0) 16.0(2.7-18.0)	10.0(4.0-11.2) 11.2(4.0-12.5)	12.5(3.5-14.0) 14.0(2.7-18.0)	10.0(4.0-11.2) 11.2(4.0-12.5)	12.5(3.5-14.0) 14.0(2.7-18.0)	10.0(4.0-11.2) 11.2(4.0-12.5)	12.5(3.5-14.0) 14.0(2.7-18.0)	10.0(4.0-11.2) 11.2(4.0-12.5)	12.5(3.5-14.0) 14.0(2.7-18.0)
Power Consumption	Cooling T1 Heating H1	6.30	7.40	10.00	7.60	7.60	8.50	14.70	15.50	10.00	14.70	15.50	10.00	14.70	15.50	10.00	14.70	
Maximum Power Consumption	Cooling T1 Heating H1	1.33	1.69	2.73	2.84	2.84	3.69	3.21	3.87	2.73	3.21	3.87	2.73	3.21	3.87	2.73	3.21	
*Operation Data	Inrush Current, Maximum Current	A	5.15	5.19	5.24	5.19	5.19	5.18	5.18	5.27	5.15	5.27	5.15	5.14	5.14	5.15	5.14	
EEF	COP	4.21	4.20	3.66	3.52	3.52	3.28	3.28	3.89	3.62	3.62	3.89	3.62	3.89	3.62	3.89	3.62	
Sound Power Level (JIS C9612)	Sound Pressure Level (JIS C9612)	dB(A)	4.29	4.58	4.41	4.29	4.29	3.78	3.78	4.08	3.81	4.41	4.08	3.81	4.08	3.81	4.08	
Installation Data	Max Vertical Height Diff. Between O.U. and I.U.	m	65	66	70	70	68	73	73	70	71	70	71	71	70	71	71	
External dimensions (HxWxD)	Max Vertical Height Diff. Between O.U. and I.U.	m	236x840x840	236x840x840	298x840x840													
Net weight	Unit 21 Panel 5	kg	60	77	57	57	73	97	97	97	97	97	97	97	97	97	97	
Airflow	Cooling (Indoor)	I/s	P-Hi:433 Hi:283 Me:233 Lo:183	P-Hi:461 Hi:300 Me:250 Lo:200	P-Hi:616 Hi:433 Me:383 Lo:283	P-Hi:616 Hi:433 Me:383 Lo:283	P-Hi:616 Hi:433 Me:417 Lo:300	P-Hi:633 Hi:467 Me:417 Lo:300										
Quantity	Pre-Charged to Pipe	m	1.3	2.75	3.3	1.7	1.7	2.25	2.25	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	
Installation Data	Liquid Line	mm	15	30	30	15	15	15	15	30	30	30	30	30	30	30	30	
Refrigerant Piping	Gas Line	mm	Q6.35	Q9.52	Q9.52	*Q6.35	*Q6.35	Q9.52										
Connection Method	Maximum Pipe Length (One Way)	m	54	55	55	55	55	55	55	55	55	55	55	55	55	55	55	
Controller			20 (O.U. above I.U.) / 30 (O.U. below I.U.) / 15 (O.U. above I.U.) / 20 (O.U. below I.U.)															
Demand Response (AS4755)			Yes	Yes	Yes	No												
Outdoor air temperature (upper, lower limits)	Cooling	°C	-27°C	19°C	38°C	-20°C	-20°C	-15 to 50										
Heating		°C	20°C	-	7°C													

## PRODUCT SPECIFICATIONS

# FDTC SERIES



Images are for illustration purposes and actual product labels may differ.

CAPACITY		2.5kW	3.5kW	5.0kW	5.6kW
Set		FDT25ZSXA/WH	FDTC35ZSAXWH1	FDTC50ZSAXWH	FDTC60ZSAXWH
Indoor		FDTC25VH1	FDTC35VH1	FDTC50VH1	FDTC60VH
Outdoor		SRC25ZSXA-W	SRC35ZSXA-W	SRC50ZSXA-W	SRC60ZSXA-W
Power Source (Outdoor Unit)	Nominal Capacity (Range)	Cooling T1 Heating H1	2.5(0.9-3.5) 3.4(0.9-4.6)	3.5(0.9-4.3) 4.25(0.9-4.6)	5.0(1.1-5.6) 5.4(0.6-6.3)
Power Consumption	Standards	kW	0.54(0.18-0.89) 0.77(0.18-1.36)	0.91(0.18-1.37) 1.08(0.19-1.33)	1.40 1.53
Maximum Power Consumption	Standards	dB(A)	1.65	1.65	2.90
*Operation Data	Running Current	Cooling T1 Heating H1	2.7	4.1	6.2
	Inrush Current, Maximum Current	A	3.6	4.8	6.7
EEF	COP	Cooling T1 Heating H1	3.6, 9	4.8, 9	9.4
COP	Sound Power Level (JIS C9612)	Outdoor	4.63	3.85	5.15
Sound Pressure Level (JIS C9612)	Indoor		4.42	3.94	1.73
Connection Method	Indoor		59	62	3.23
Maximum Pipe Length (One Way)	Indoor		P-Hi:38 Hi:34 Me:30 Lo:27	P-Hi:39 Hi:36 Me:32 Lo:29	3.13
Max Vertical Height Diff. Between O.U. and I.U.	Indoor	m	47	50	65
Controller			248x570x570	248x570x570	248x570x570
Motion Sensor (Optional)					
Demand Response (AS4755)					
Outdoor air temperature (upper, lower limits)	Cooling	°C	-15 to 46	-15 to 46	-15 to 46
Heating	°C	-20 to 24	-15 to 24	-15 to 24	-15 to 24
Installation Data	Refrigerant Piping	m	20	20	30
Refrigerant Piping	Liquid Line	mm	10 (O.U. above I.U.) / 10 (O.U. below I.U.)	20 (O.U. above I.U.) / 20 (O.U. below I.U.)	20 (O.U. above I.U.) / 20 (O.U. below I.U.)
Gas Line	Gas Line	mm	0.952	0.952	0.952
Connection Method					
Maximum Pipe Length (One Way)		m	20	20	30
Max Vertical Height Diff. Between O.U. and I.U.		m	10 (O.U. above I.U.) / 10 (O.U. below I.U.)	20 (O.U. above I.U.) / 20 (O.U. below I.U.)	20 (O.U. above I.U.) / 20 (O.U. below I.U.)
Controller					
Motion Sensor (Optional)					
Demand Response (AS4755)					
Outdoor air temperature (upper, lower limits)	Cooling	°C	-15 to 46	-15 to 46	-15 to 46
Heating	°C	-20 to 24	-15 to 24	-15 to 24	-15 to 24
Installation Data	Refrigerant Piping	m	20	20	30
Refrigerant Piping	Liquid Line	mm	0.952	0.952	0.952
Gas Line	Gas Line	mm	0.952	0.952	0.952
Connection Method					
Maximum Pipe Length (One Way)		m	20	20	30
Max Vertical Height Diff. Between O.U. and I.U.		m	10 (O.U. above I.U.) / 10 (O.U. below I.U.)	20 (O.U. above I.U.) / 20 (O.U. below I.U.)	20 (O.U. above I.U.) / 20 (O.U. below I.U.)
Controller					
Motion Sensor (Optional)					
Demand Response (AS4755)					
Outdoor air temperature (upper, lower limits)	Cooling	°C	-15 to 46	-15 to 46	-15 to 46

## PRODUCT SPECIFICATIONS

## FDE SERIES

CAPACITY	7.1kW	10.0kW	10.0kW	10.0kW	12.1kW	12.5kW	14.0kW	10kW	12.5kW	14.0kW	14.0kW
Set	FDE71AV/NXWH	FDE100AV/NAWH	FDE100NP/WH	FDE100AV/NAWH	FDE125AV/NPWH	FDE125AV/NXWH	FDE140AV/WH	FDE100AV/SWH	FDE125AV/SWH	FDE140AV/SWH	FDE140AV/SWH
Indoor	FDE71VH	FDE100VH	FDE100VH	FDE100VH	FDE125VH	FDE125VH	FDE140VH	FDE100VH	FDE125VH	FDE140VH	FDE140VH
Outdoor	FDC471VNX-W	FDC4100VNA-W	FDC4100VNP-W	FDC4100VNP-W	FDC4125VNP-W	FDC4125VNX-W	FDC4140VNX-W	FDC4100VSA-W	FDC4125VSA-W	FDC4140VSA-W	FDC4140VSA-W
Power Source (Outdoor Unit)	Nominal Capacity (Range)	Cooling T1 Heating H1	7.1 (3.2-8.0) 8.0 (3.6-9.0)	10.0 (4.0-11.2) 11.2 (4.0-12.5)	10 (2.1-10.2) 10 (1.7-10.4)	12.1 (5.0-12.1) 12.1 (4.0-13.3)	12.5 (3.5-14.0) 14.0 (2.7-17.0)	10.0 (4.0-11.2) 11.2 (4.0-12.5)	12.5 (3.5-14.0) 14.0 (2.7-18.0)	12.5 (3.5-14.0) 14.0 (2.7-18.0)	14.0 (3.5-16.0) 16.0 (2.7-20.0)
	Power Consumption	Cooling T1 Heating H1	1.87 1.87	2.85 2.54	3.00 2.36	3.88 3.30	3.34 3.74	4.08 4.41	2.85 2.54	3.77 3.74	4.08 4.41
	Maximum Power Consumption		4.11	6.40	4.46	4.75	4.75	7.10	10.20	8.90	8.90
*Operation Data	Running Current	Cooling T1 Heating H1	A	7.40 8.3	10.00 12.4	7.60 10.1	7.90 13.9	14.90 16.4	15.50 19.4	10.00 4.0	14.90 6.3
	Inrush Current, Maximum Current		5,19,1	5,24	5,19	5,18	5,18	5,27	5,27	5,15	5,14
EER		Cooling T1 Heating H1	3.80 4.28	3.51 4.41	3.33 4.24	3.12 4.24	3.12 3.67	3.75 3.74	3.43 3.63	3.51 4.41	3.43 3.74
CCP											
Sound Power Level (JIS C9612)	Outdoor	P-Hi:47 Hi:41 Me:37 Lo:32	70	68	73	73	68	69	68	68	69
Sound Pressure Level (JIS C9612)	Indoor	P-Hi:48 Hi:43 Me:38 Lo:34	55	54	54	57	57	54	55	54	54
External dimensions (HxWxD)	Indoor	210x1320x690	250x1620x690								
	Outdoor	750x880(+88)x340	845x970x370	750x880(+88)x340	845x970x370	750x880(+88)x340	845x970x370	750x880(+88)x340	845x970x370	845x970x370	845x970x370
Net weight	Indoor	kg	33	43	43	43	43	43	43	43	43
	Outdoor	kg	60	77	57	57	73	97	78	99	99
Airflow	Cooling (Indoor)	P-Hi:33 Hi:267 Me:217 Lo:167	P-Hi:533 Hi:433 Me:350 Lo:275	P-Hi:533 Hi:433 Me:350 Lo:275	P-Hi:533 Hi:433 Me:350 Lo:275	P-Hi:533 Hi:433 Me:383 Lo:283					
	Heating (Indoor)	Quantity	kg	2.75	3.3	1.7	1.7	2.25	4.0	3.3	4.0
	Pre-Charged Pipe	m	30	30	15	15	15	30	30	30	30
	Liquid Line	mm	09.52	**06.35	**06.35	**06.35	09.52	09.52	09.52	09.52	09.52
	Gas Line	mm	015.88	015.88	015.88	015.88	015.88	015.88	015.88	015.88	015.88
Installation Data	Maximum Pipe Length (One Way)	m	50	50	30	30	30	100	100	100	100
	Max Vertical Height Diff. Between O.U. and I.U.	m	30 (O.U. above I.U.) / 15 (O.U. below I.U.)	50 (O.U. above I.U.) / 15 (O.U. below I.U.)	20 (O.U. above I.U.) / 20 (O.U. below I.U.)	20 (O.U. above I.U.) / 20 (O.U. below I.U.)	50 (O.U. above I.U.) / 15 (O.U. below I.U.)	50 (O.U. above I.U.) / 15 (O.U. below I.U.)	50 (O.U. above I.U.) / 15 (O.U. below I.U.)	50 (O.U. above I.U.) / 15 (O.U. below I.U.)	50 (O.U. above I.U.) / 15 (O.U. below I.U.)
Controller	Motion Sensor (Optional)		Yes	Yes	No	Yes	No	Yes	Yes	Yes	Yes
	Demand Response (A34755)		-15 to 50	-15 to 46	-15 to 46	-15 to 46	-15 to 50				
	Outdoor air temperature (upper, lower limits)	Cooling	°C	-20 to 20	-15 to 20	-20 to 20	-20 to 20				
		Heating									

\*The data is measured under the following conditions (AS / NZS 3823.2). Cooling: Indoor temp. of 27°CDB, 19°CWB, and outdoor temp. of 35°CDB. Heating: Indoor temp. of 20°CDB, and outdoor temp. of 7°CDB, 6°CWB.

\*\*Reducer set Q9.32 -> Q6.35 is included in the outdoor unit as accessory for FDC100VNP-W.

\*\*\*The data is measured under the following conditions (AS / NZS 3823.2). Cooling: Indoor temp. of 27°CDB, 19°CWB, and outdoor temp. of 35°CDB. Heating: Indoor temp. of 20°CDB, and outdoor temp. of 7°CDB, 6°CWB.

\*\*\*\*Reducer set Q9.35 is included in the outdoor unit as accessory for FDC100VNP-W.

\*\*\*\*\*The data is measured under the following conditions (AS / NZS 3823.2). Cooling: Indoor temp. of 27°CDB, 19°CWB, and outdoor temp. of 35°CDB. Heating: Indoor temp. of 20°CDB, and outdoor temp. of 7°CDB, 6°CWB.

\*\*\*\*\*Reducer set Q9.35 is included in the outdoor unit as accessory for FDC100VNP-W.

\*\*\*\*\*The data is measured under the following conditions (AS / NZS 3823.2). Cooling: Indoor temp. of 27°CDB, 19°CWB, and outdoor temp. of 35°CDB. Heating: Indoor temp. of 20°CDB, and outdoor temp. of 7°CDB, 6°CWB.

\*\*\*\*\*Reducer set Q9.35 is included in the outdoor unit as accessory for FDC100VNP-W.

\*\*\*\*\*The data is measured under the following conditions (AS / NZS 3823.2). Cooling: Indoor temp. of 27°CDB, 19°CWB, and outdoor temp. of 35°CDB. Heating: Indoor temp. of 20°CDB, and outdoor temp. of 7°CDB, 6°CWB.

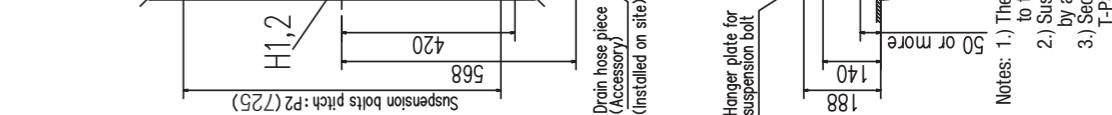
\*\*\*\*\*Reducer set Q9.35 is included in the outdoor unit as accessory for FDC100VNP-W.

## EXTERIOR DIMENSIONS

## FDT SERIES

### FDT60-71VH

Product Dimensions (mm)

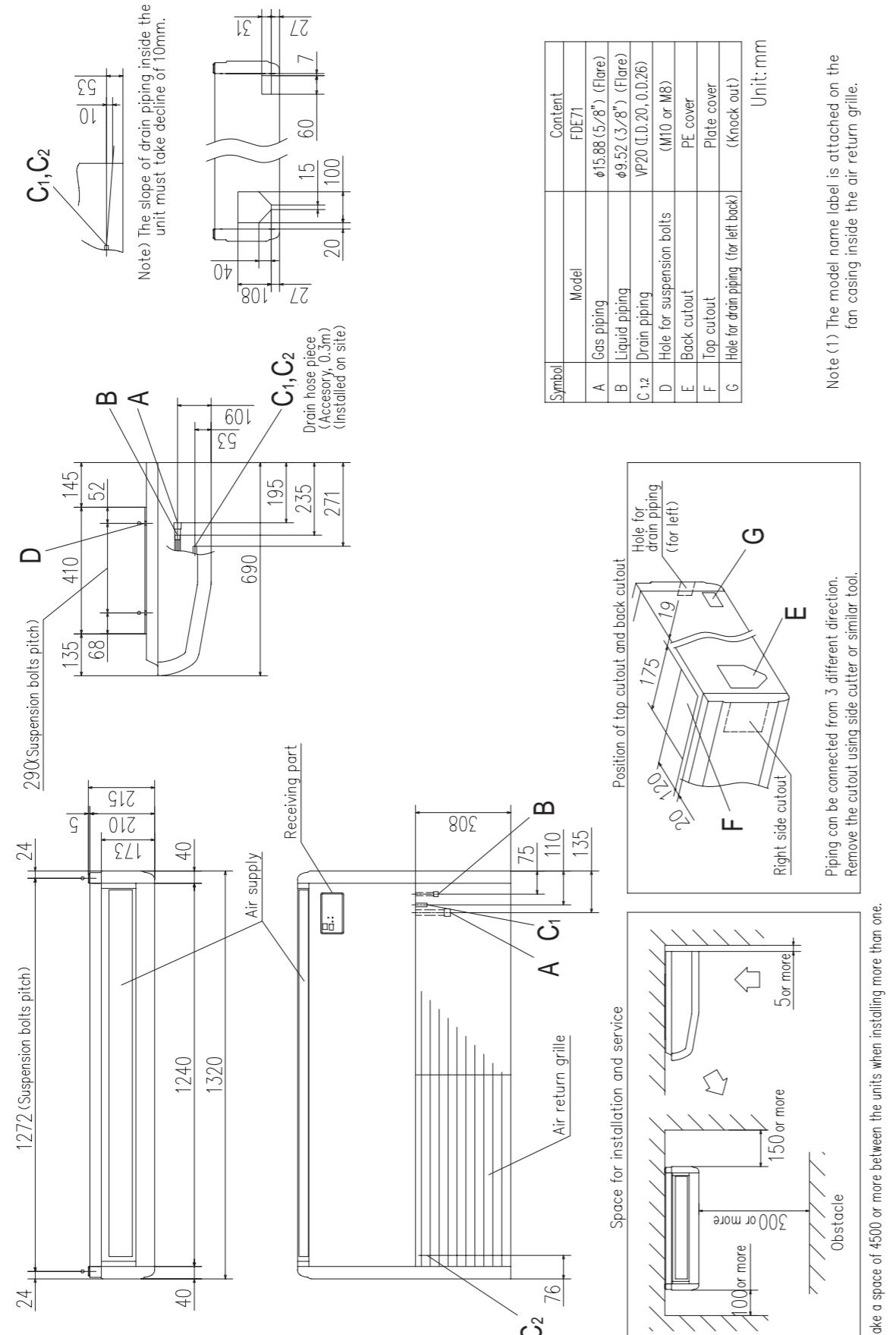




## EXTERIOR DIMENSIONS

## FDE SERIES

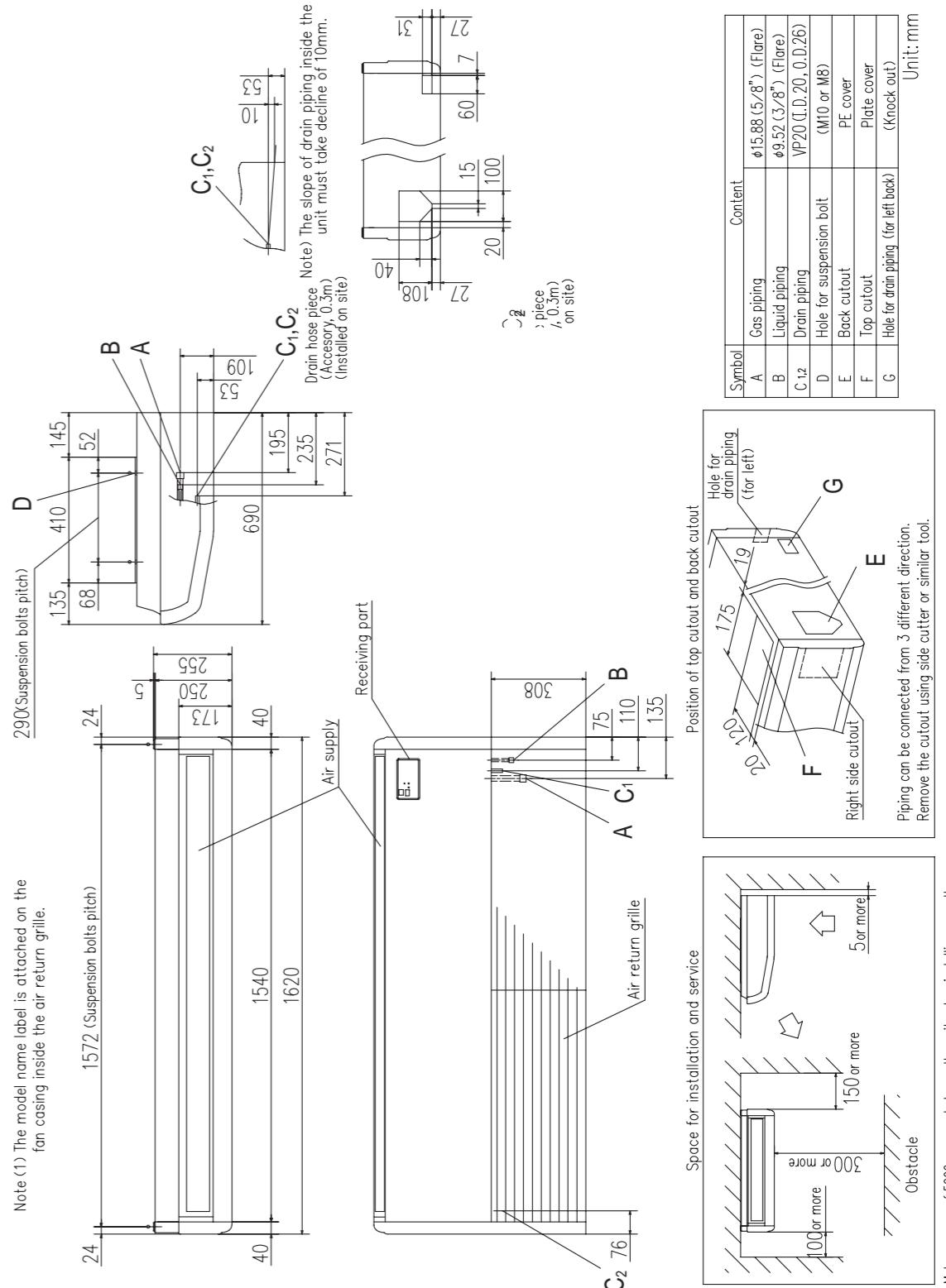
### FDE71VH



## EXTERIOR DIMENSIONS

## FDE SERIES

### FDE100-140VH



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