



HEATING AND COOLING SOLUTIONS

DUCTED SYSTEMS



AUSTRALIA'S BEST AIR CONDITIONER BRAND

We're proud to have been named by CHOICE® as Australia's best brand of air conditioner for the second year in a row whilst also being named by Canstar Blue as having the most satisfied customers of any air conditioner brand in Australia. If you're considering replacing or upgrading your air conditioner, why not choose the best?

mitsubishi heavy industries air conditioners australia

Mitsubishi Heavy Industries Air-Conditioners Australia (MHIAA) is one of Australia's leading suppliers of premium residential and commercial air conditioning systems. Delivering engineering excellence for over 130 years, the Mitsubishi Heavy Industries brand is instantly recognisable for quality and technological advancement. With innovation central to both the organisation and the development of air conditioning systems, Mitsubishi Heavy Industries carries a strong philosophy of engineering products that are designed to improve the lives of those who use them and, at the same time, create a sustainable future for our company and the world we live in.

BRAND AMBASSADOR TARA DENNIS

Interior designer and Television presenter Tara Dennis joins Mitsubishi Heavy Industries Air-Conditioners Australia as the brand's first ambassador to Australia and New Zealand. With extensive experience in home decoration and design, Tara represents the home renovator looking to improve the design of their homes. "As someone who has a passion for styling and renovating you want to push the boundaries and create a space that people love being in. Mitsubishi Heavy Industries Air conditioners Australia is the perfect extension of this and a brand that I am proud to be supporting"



Tara Dennis

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).

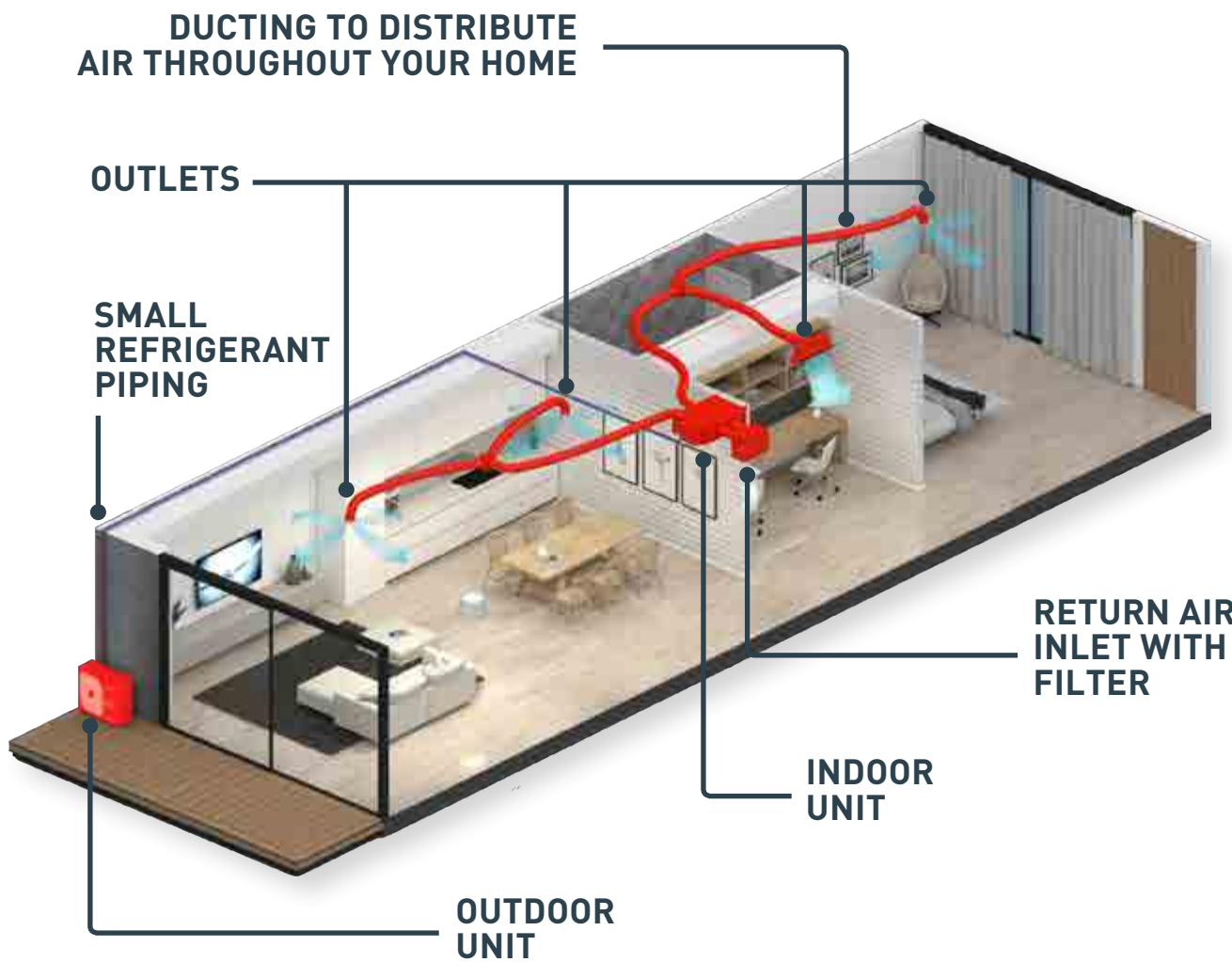


MHIAA Ducted Systems

Our powerful yet quiet reverse cycle ducted systems let you enjoy the comfort of air conditioning in every part of your home or office with one packaged solution. With a discreet, low profile design that can be completely concealed in your ceiling and a variety of capacities and control options available, our ducted systems offer a flexible solution for any new or existing home.

Mitsubishi Heavy Industries ducted systems include an indoor unit (fan coil), outdoor unit (condenser) and controller while an installer will also incorporate insulated ducting, air outlets and a return air inlet with a filter. These components work in unison to offer a complete heating and cooling solution and ensure your comfort all year round.

All Mitsubishi Heavy Industries ducted systems are reverse cycle and have undergone strict and rigorous testing and quality control measures to ensure they are of the highest standards and will withstand the tough Australian climate.



Our Technology

IMPROVED HEAT EXCHANGER

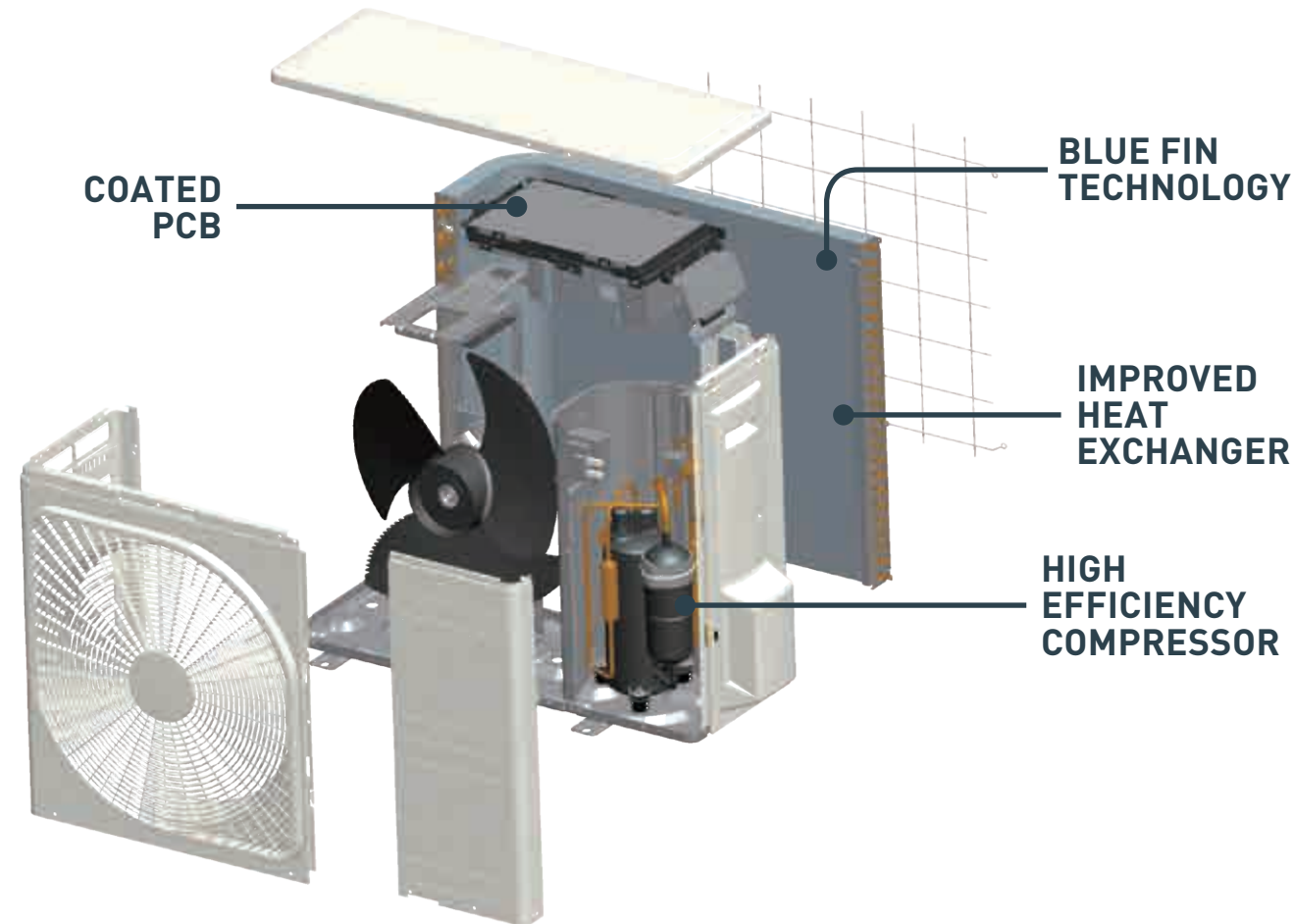
Our new and improved heat exchanger has been developed to improve refrigerant distribution and increase the systems effectiveness. The new design features a larger heat exchange area, boosting the unit's overall efficiency.

COATED PCB

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 that assist in preventing the hydrophilicity effect and assists in reducing the corrosion rate of the aluminium section from harsh Australian weather conditions.



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 +46°C in cooling mode. This permits the installation in areas where the temperature conditions can be considered extreme.

FDUM Series



*See pg. 12 for full list of features and functions

MEDIUM STATIC PRESSURE

SINGLE PHASE MODELS (5.0KW - 5.6KW)

- Energy Saving
- Hi Power
- Silent Operation
- Automatic Operation
- Weekly/Sleep/ Peak-Cut Timer
- Self-Diagnostics

5.0kW | 5.6kW

Our FDUM series of medium static ducted systems are quiet, compact and come in both 5.0kW and 5.6kW capacities. Incorporating a range of convenient and energy saving features and functions, the FDUM series is the perfect multi-room heating and cooling solution for smaller Aussie homes.

HYPER-INVERTER TECHNOLOGY

Our advanced hyper-inverter technology allows our ducted systems to reach the desired temperature quicker than ever before. Once the system has reached the set temperature it will ramp down and maintain this closely, switching on only when required - ensuring your comfort all year round and reducing energy consumption.

QUIET OPERATION

The FDUM series boasts a super quite operation level of 25 dB (A) on low fan speed. Combined with the unit's Silent Mode, the FDUM is perfect for bedrooms and ensures a good night's sleep for you and your family.

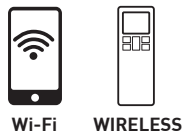
IMPROVED SERVICEABILITY

Designed to improve serviceability the fan unit (comprised of impeller and motor) in the FDUM series can be easily accessed from either the side or bottom of the unit and pulled out for trouble-free maintenance.

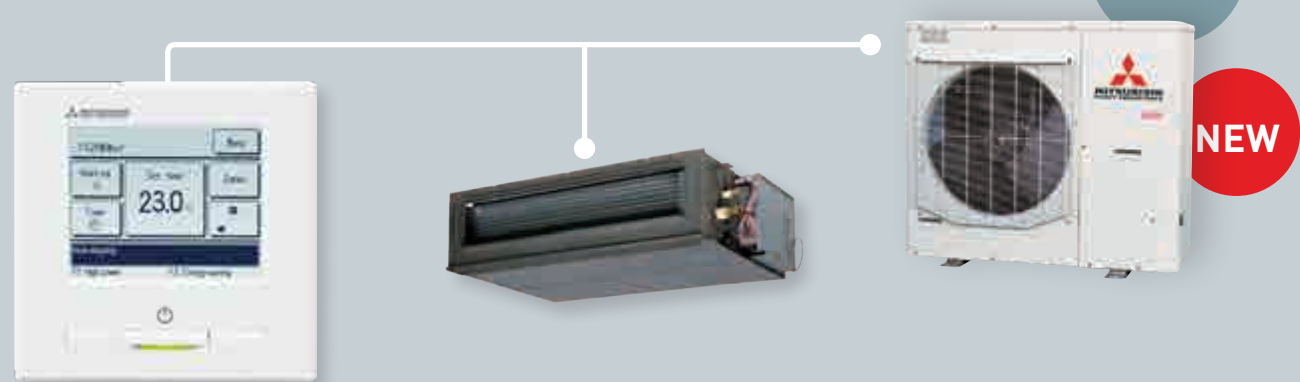
FLEXIBLE INSTALLATION

With a built-in drain pump, which includes a lift of 600mm, the FDUM allows greater flexibility during installation, making it the perfect solution for applications with limited ceiling space.

OTHER CONTROL OPTIONS (SOLD SEPARATELY)



FDU Series



*See pg. 12 for full list of features and functions

MED/HIGH STATIC PRESSURE

SINGLE PHASE MODELS (7.1 KW - 14.0KW)
THREE PHASE MODELS (12.5KW - 14.0KW)

- Energy Saving
- Hi Power
- Silent Operation
- Automatic Operation
- Weekly/Sleep/ Peak-Cut Timer
- Self-Diagnostics

7.1kW | 10.0kW | 12.5kW | 14.0kW

Our NEW FDU series of slimline ducted systems are a quiet and discreet solution for multiple rooms. Coming in a range of capacities ranging from 7.1kW up to 14kW and incorporating a range of convenient features and functions, the FDU series is the perfect heating and cooling solution for any sized Aussie home.

INCREASED ENERGY EFFICIENCY

With an improved heat exchanger in the outdoor unit, boosting refrigerant distribution throughout the system, coupled with our highly efficient DC fan motor within the indoor unit, the FDU series boasts industry leading energy efficiencies which means reduced running costs for your home.

QUIET OPERATION

Thanks to our highly efficient DC fan motor, the FDU series boasts some of the quietest operation levels on the market - with our 7.1kW unit achieving a market leading low of 25 dB (A) on low fan speed. Combined with the unit's Silent Mode, the FDU series ensures no interruptions to room acoustics and a good night's sleep for you and your family.

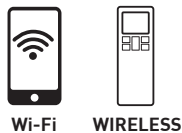
SLIM LOW PROFILE DESIGN

With a slim, low-profile design measuring only 280mm in height, the FDU series offers the perfect solution for applications where ceiling space is limited.

BALANCED AIRFLOW

Given every home is different, the FDU range allows the system's static pressure to be set manually during installation. This ensures the system delivers the perfect amount of airflow to each room - no matter what the setup, ensuring year round comfort for everyone in your home.

OTHER CONTROL OPTIONS (SOLD SEPARATELY)



FDUA Series



*See pg. 12 for full list of features and functions

HIGH STATIC PRESSURE
SINGLE PHASE MODELS (7.1 KW - 14.0KW)
THREE PHASE MODELS (12.5KW - 20.0KW)



Energy Saving



Hi Power



Silent Operation



Automatic Operation



Weekly/Sleep/
Peak-Cut Timer



Self-Diagnostics

7.1kW | 10.0kW | 12.5kW | 14.0kW | 16.0kW | 20.0kW

Our FDU series of ducted systems are a quiet and discreet solution for multiple rooms. Coming in a range of capacities ranging from 7.1kW up to 20kW and incorporating a range of convenient features and functions, the FDU is the perfect heating and cooling solution for any sized Aussie home.

INCREASED ENERGY EFFICIENCY

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BALANCED AIRFLOW

Given every home is different, the FDU range allows the system's static pressure to be set manually during installation. This ensures the system delivers the perfect amount of airflow to each room - no matter what the setup, ensuring year round comfort for everyone in your home.

BUILT-IN DRAIN PUMP

Capitalising on Mitsubishi Heavy Industries extensive experience in drain pump technology, the FDU series features a built-in condensation drain pump for easier installation.

OTHER CONTROL OPTIONS (SOLD SEPARATELY)

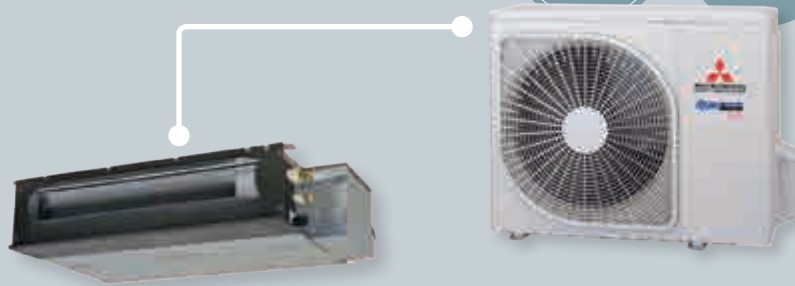


Wi-Fi



WIRELESS

SRR Series



*See pg. 12 for full list of features and functions

BULKHEAD SYSTEM
SINGLE PHASE MODELS (2.5KW - 3.5KW)



Energy Saving



Hi Power



Silent Operation



Automatic Operation



Weekly/Sleep/
Peak-Cut Timer



Self-Diagnostics

2.5kW | 3.5 kW

Our low profile bulkhead systems are designed to sit within your ceiling space and distribute air via discreet grilles. These compact units require no ducting and are perfect for renovated spaces and applications such as apartments where space is at a premium as they can be factored in to the finished design to provide a quiet, efficient and integrated heating and cooling solution.

SUPER SLIM LOW PROFILE DESIGN

With a super slim, low-profile design measuring only 200mm in height, the SRR series offers the perfect solution for apartments or applications where ceiling space is limited and the indoor unit needs to be fitted in a concealed area.

SUPER QUIET OPERATION

The SRR series offers some of the quietest operation levels on the market achieving 24 dB(A) on low fan mode - perfect for bedrooms.

BUILT-IN DRAIN PUMP

Capitalising on Mitsubishi Heavy Industries extensive experience in drain pump technology, the SRR series features a built-in condensation drain pump for easier installation.

ECO MODE

Fuzzy logic algorithms allows the unit to accurately determine the most suitable operating mode, temperature setting and automatically adjusts the inverter frequency accordingly.

OTHER CONTROL OPTIONS (SOLD SEPARATELY)



Wi-Fi



WIRED

Control Options



WIRED CONTROLLER

- 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-EXZ3A controller shown.

**Requires SC-BIKN2-E kit (sold separately) for use with bulkhead systems.

***Function limitations may apply.



WIRELESS CONTROLLER

- Easy to use wireless remote.
- Large, LCD display.
- Control the set temperature, operation mode and fan speed.
- Access timer and scheduling functions.

*Wireless controller from RCN-KIT4-E2 shown. Standard with bulkhead systems.

**Requires RCN-KIT4-E2 wireless kit (sold separately) for use with ducted systems.

***Function limitations may apply.



WI-FI

- Control your system using your smart device (iPhone, iPad, Android) or internet browser via to easy to use IntesisHome app.
- Control the set temperature, operation mode and fan speed.
- Control your system via your Google or Amazon smart speaker device.
- Control your system using Voice Command.
- Set up 'favourite' scenes and activate them with a single tap.
- Set your system to respond to the weather, you arriving home, calendar events + more**.
- Receive instant notifications and email updates and create usage logs**.

*Requires MH-RC-WIFI-1B Wi-Fi adaptor (sold separately) for use with ducted systems.

*Requires MH-AC-WIFI-1 Wi-Fi adaptor (sold separately) for use with bulkhead systems.

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

Some additional functions may not be available via IntesisHome app.

In some applications, a 12V DC external power supply may be required for MH-RC-WI-FI-1B.



Controlling your device with IntesisHome 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.

FlexiZone Zoning Solution



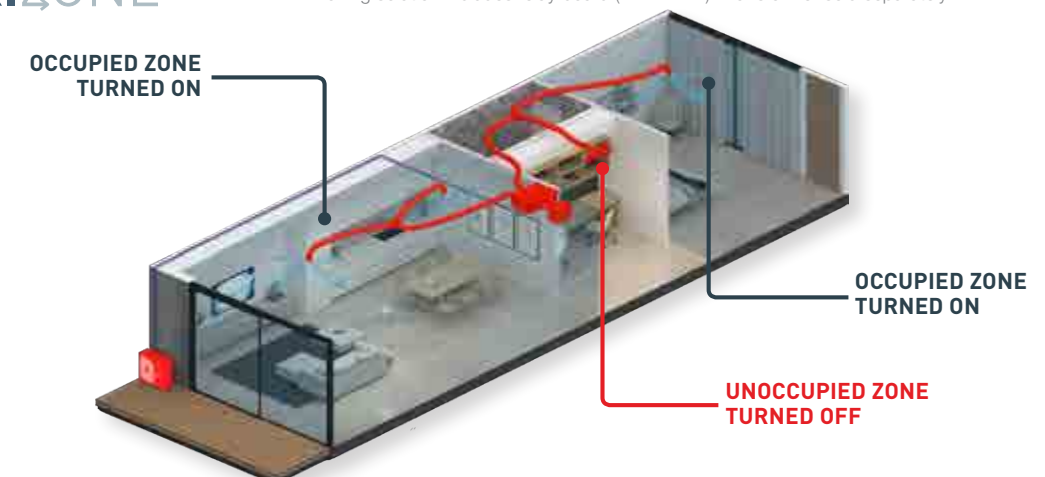
WIRED ZONE CONTROLLER

- Individual on/off control of up to 4 zones when used in conjunction with MHIAA's zoning solution*.
- Large, 3.8" backlit LCD touch screen with easy to navigate menu.
- Control the operation mode and set temperature of your system.
- Access timer and scheduling functions.
- Access additional features including Home Leave mode, Silent Mode and High Power mode.
- Multi-language display (6 languages)

*RC-EXZ3A controller shown.

**MHIAA zoning solution includes relay board (MH-4ZRM). Transformer sold separately.

FLEXIZONE®



Airzone Zoning Solution

Easily integrated into any MHIAA ducted system the advanced Airzone zoning solution offers the ultimate level of comfort by providing complete temperature control over each individual zone of your home or office.



AIRZONE ZONE CONTROLLER

- Individual temperature and on/off control of up to 6 zones when used in conjunction with Airzone zoning solution*.
- Control the set temperature, operation mode and fan speed.
- Turn unoccupied zones off to save energy.
- Control your system using your smart device (iPhone, iPad, Android) or internet browser via easy to use Airzone app.
- Access timer and scheduling functions.

*Blueface controller shown (AZVAFBLUEFACECB)

**Airzone zoning solution includes motorised dampers, Airzone control board and webserver (sold separately)

AIRZONE



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

* Operation data has been gathered in accordance with AS/NZS 3823 standards. For testing conditions please refer to Page 15

* Operation data has been gathered in accordance with AS/NZS 3823 standards. For testing conditions please refer to Page 15.

** Maximum 70m (Gas piping:Ø25.4 or Ø28.58), Maximum 35m (Gas piping:Ø22.22)

CAPACITY			2.5kW	3.5kW
Indoor			SRP25ZS-W	SRP35ZS-W
Outdoor			SPC25ZSA-W	SPC35ZSA-W
Power Source (Outdoor Unit)			1 Phase 240V 50Hz	
*Operation Data	Nominal Capacity (Range)	Cooling T1	2.5 (0.9~3.4)	3.5 (0.9~4.1)
		Heating H1	3.4 (0.9~4.8)	4.2 (1.0~5.2)
		Heating H2	3.55	4.1
	Power Consumption	Cooling T1	0.56 (0.20~0.90)	0.93 (0.19~1.26)
		Heating H1	0.75 (0.20~1.42)	1.01 (0.20~1.45)
	Maximum Power Consumption		1.65	1.65
	Running Current	Cooling T1	2.7	4.2
		Heating H1	3.5	4.5
	Inrush Current, Maximum Current		3.5, 9.0	4.5, 9.0
		EER	4.46	4.16
Energy Label (GEMS 2019)	COP	Cooling T1	4.53	3.04
		Heating H1		
	Sound Power Level (JIS C9612)	Outdoor	60	62
		Indoor		
	Sound Pressure Level (JIS C9612)	Outdoor	37-33-30-24	38-34-31-25
		Indoor	47	50
	External dimensions (H×W×D)	Outdoor	200x750(±120)x500	200x750(±120)x500
		Outdoor	540x780(±62)x290	540x780(±62)x290
	Hot	Cooling	★★★★ (3.5)	★★★★ (3.5)
		Heating	★★★★ (3.5)	★★★ (3)
Cooling		★★★★ (3)	★★★★ (3)	
Heating		★★★★ (3)	★★★ (2.5)	
Cooling		★★★★ (3)	★★★★ (3)	
Heating		★★★ (2.5)	★★★ (2.5)	
Cold	Indoor	20.5	20.5	
	Outdoor	34.5	34.5	
Net weight	Cooling (Indoor)	P-Hi: 158 Hi: 133 Me: 108 Lo: 75	P-Hi: 167 Hi: 142 Me: 117 Lo: 83	
	Heating (Indoor)	P-Hi: 167 Hi: 150 Me: 133 Lo: 100	P-Hi: 175 Hi: 158 Me: 142 Lo: 108	
Airflow	Quantity	(R32) 0.78	(R32) 0.78	
	Pre-Charged to Pipe	15	15	
Installation Data	Liquid line	Ø6.35	Ø6.35	
	Gas line	Ø9.52	Ø9.52	
	Connection Method	Flare connection		
	Maximum Pipe Length (One Way)	20		
Standard accessories	Max Vertical Height Diff. Between O.U. and I.U.	10 (O.U. above I.U.) / 10 (O.U. below I.U.)		
	Optional parts	Polypropylene net x1		
Demand Response (AS4755)	Interface kit (SC-BIKN2-E) / Wi-Fi Kit	Yes		

*(1) The data is measured at the following conditions:

Item	Indoor Air Temperature		Outdoor Air Temperature		Standards
	DB	WB	DB	WB	
Operation					
Cooling	27°C	19°C	35°C	24°C	AS/NZ 3823.2
Heating	20°C	-	7°C	6°C	

(2) The air conditioner is manufactured and tested in conformity with the AS/NZS.

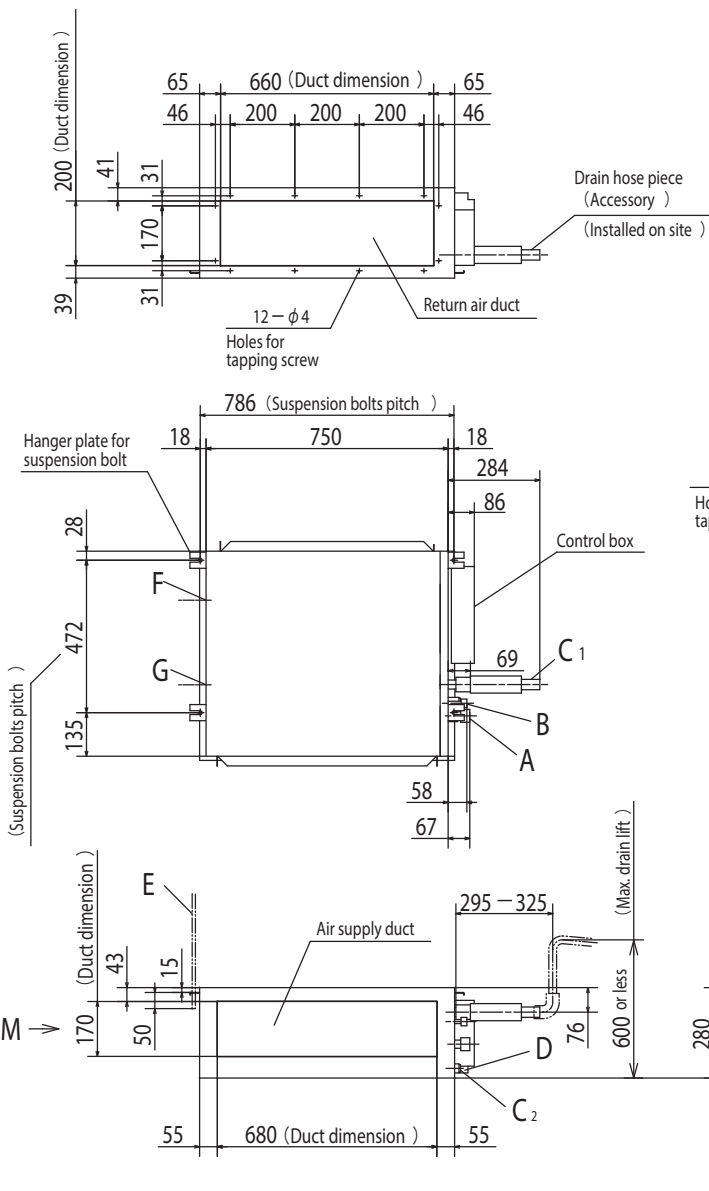
(3) Sound level indicates the value in an anechoic chamber. During operation these values are somewhat higher due to ambient conditions.

(4) Select the breaker size according to applicable national standard.

(5) The operation data indicate when the air-conditioner is operated at 240V 50Hz for 1 phase and 400V 50Hz for 3 phase

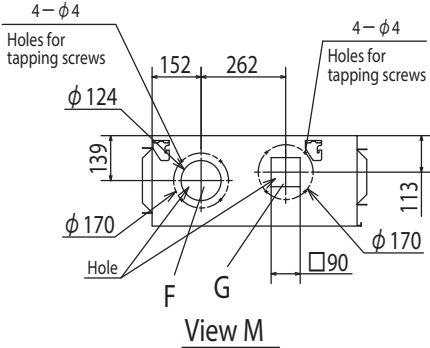
FDUM Series

Model FDUM50VH



Symbol	Content
A	Gas piping φ 12.7 (1/2") (Flare)
B	Liquid piping φ 6.35 (1/4") (Flare)
C1	Drain piping VP25 (O.D.32)
C2	Drain piping (Gravity drainage)
D	Hole for wiring
E	Suspension bolts (M10)
F	Outside air opening for ducting (φ 150) (Knock out)
G	Air outlet opening for ducting (φ 125) (Knock out)
H	Inspection opening (450×450)

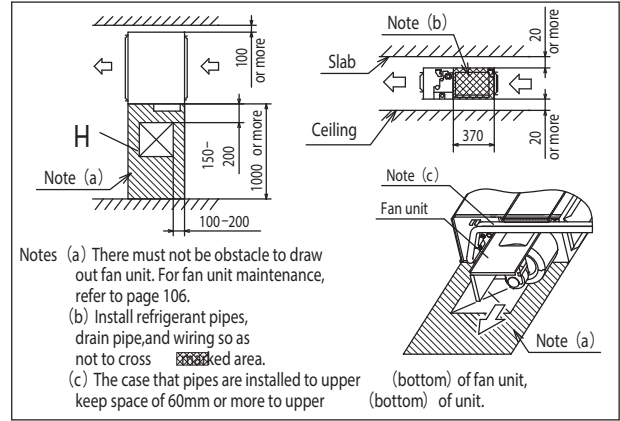
Note (1) The model name label is attached on the lid of the control box.



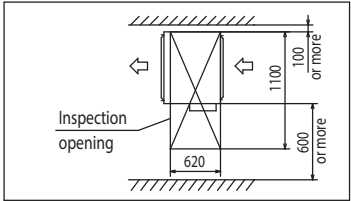
Unit:mm

Space for installation and service

Select either of two cases to keep space for installation and services.
(Case 1) From side of unit

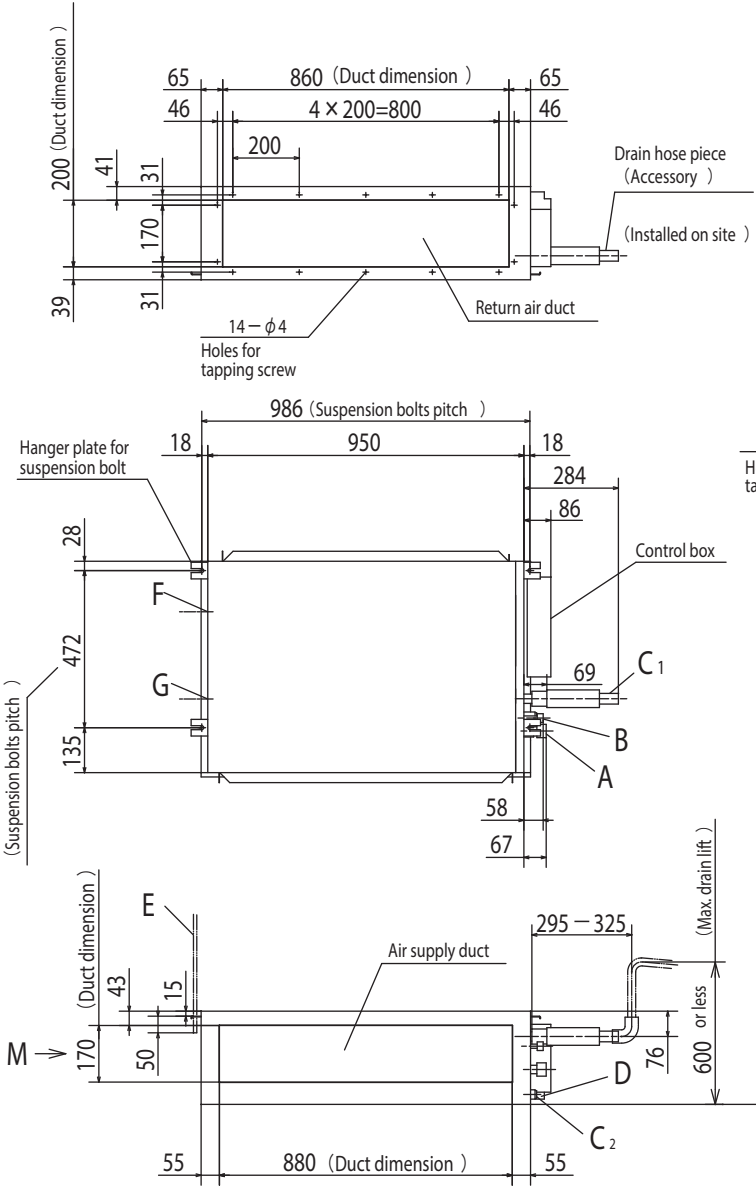


(Case 2) From bottom of unit



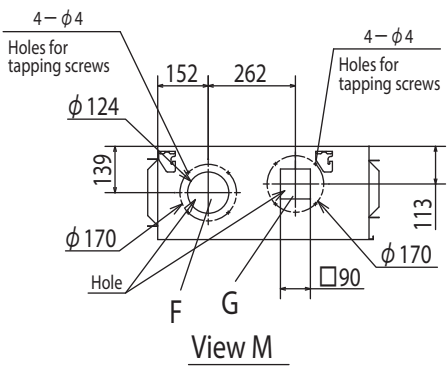
FDUM Series

Model FDUM60VH



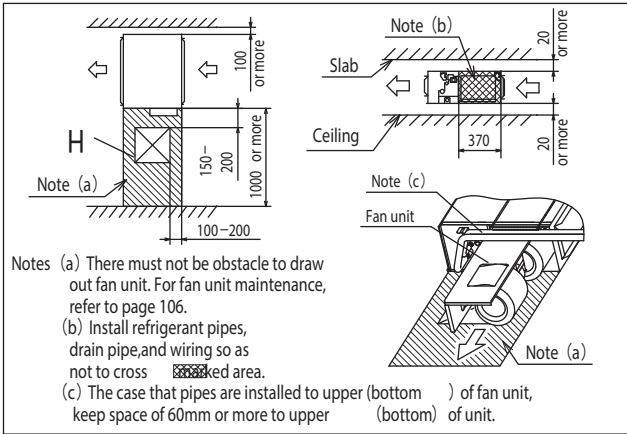
Symbol	Content
A	Gas piping φ 12.7 (1/2") (Flare)
B	Liquid piping φ 6.35 (1/4") (Flare)
C1	Drain piping VP25 (O.D.32)
C2	Drain piping (Gravity drainage)
D	Hole for wiring
E	Suspension bolts (M10)
F	Outside air opening for ducting (φ 150) (Knock out)
G	Air outlet opening for ducting (φ 125) (Knock out)
H	Inspection opening (450×450)

Note (1) The model name label is attached on the lid of the control box.

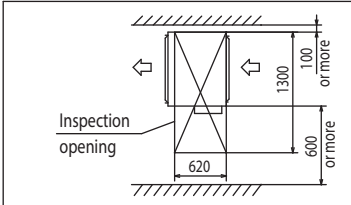


Space for installation and service

Select either of two cases to keep space for installation and services.
(Case 1) From side of unit

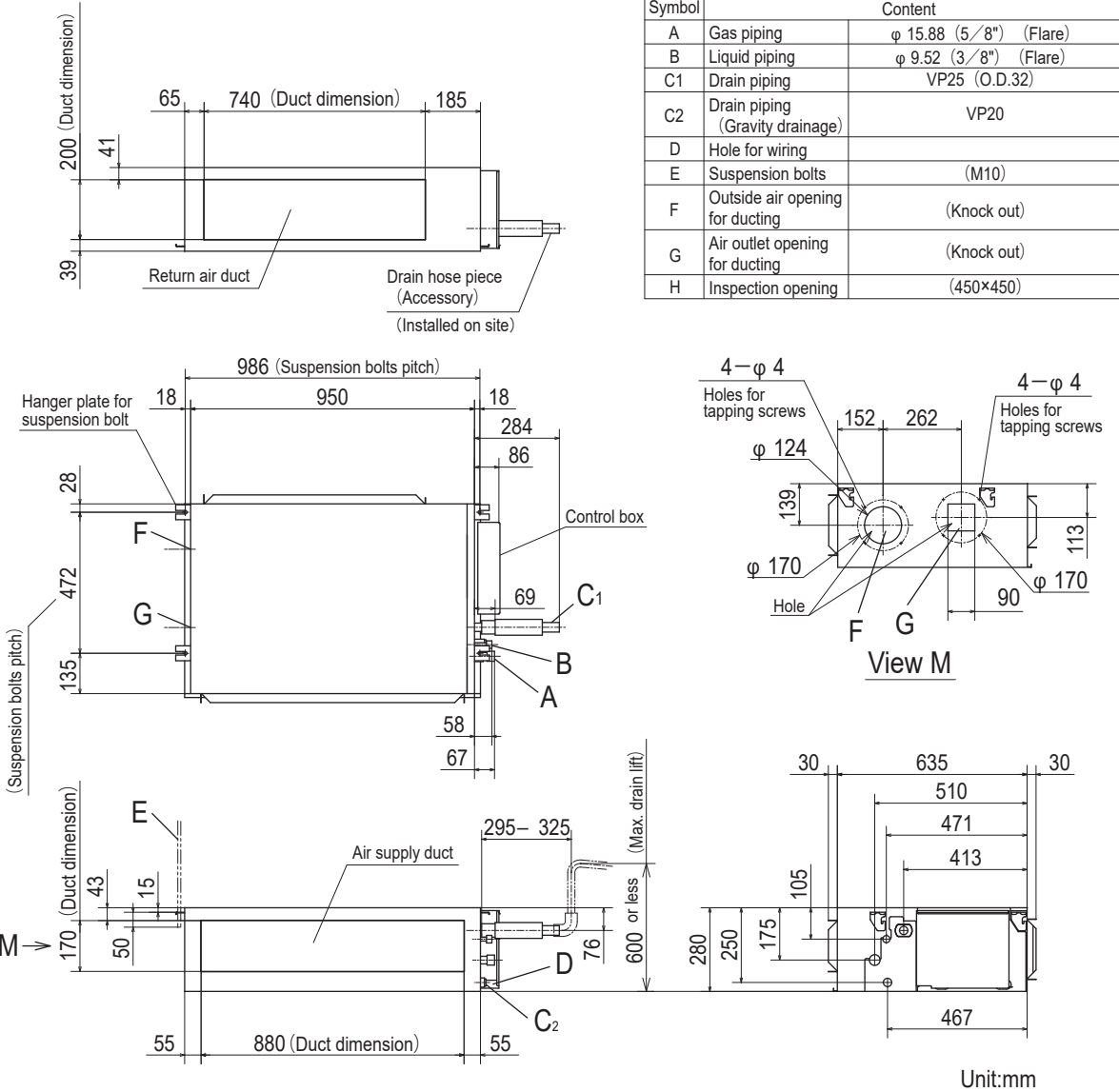


(Case 2) From bottom of unit



FDU Series

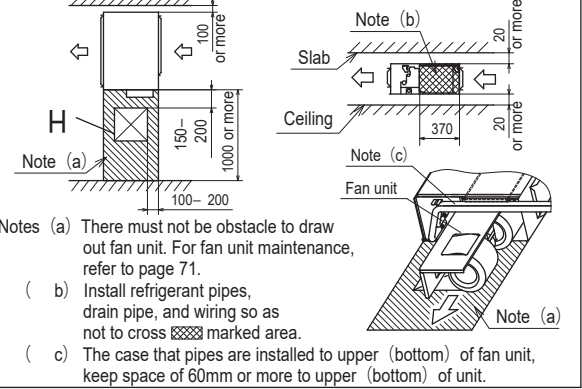
Model FDU71VH



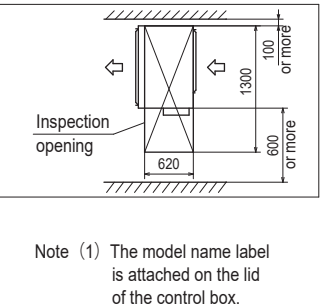
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(Case 1) From side of unit

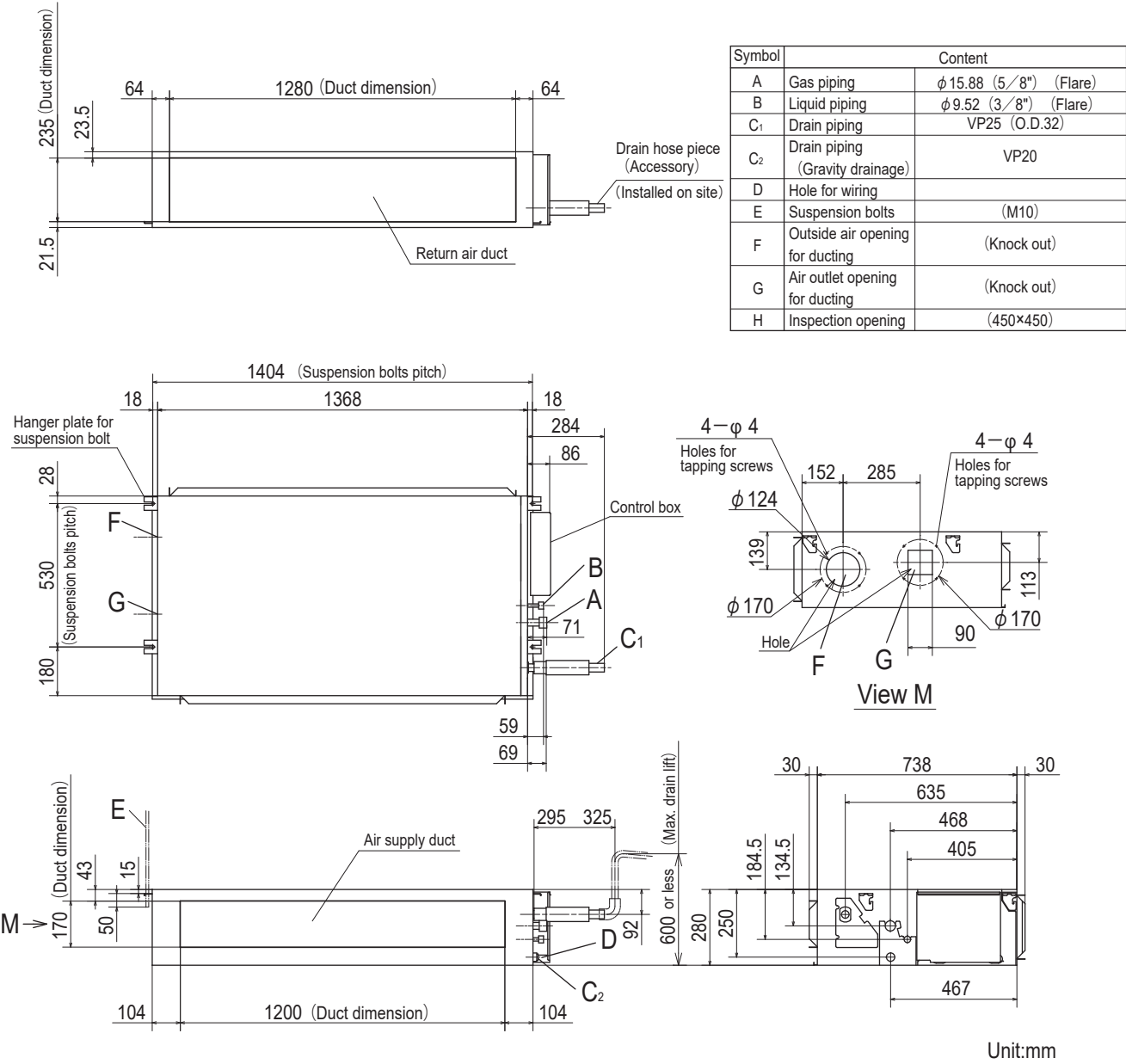


(Case 2) From bottom of unit



FDU Series

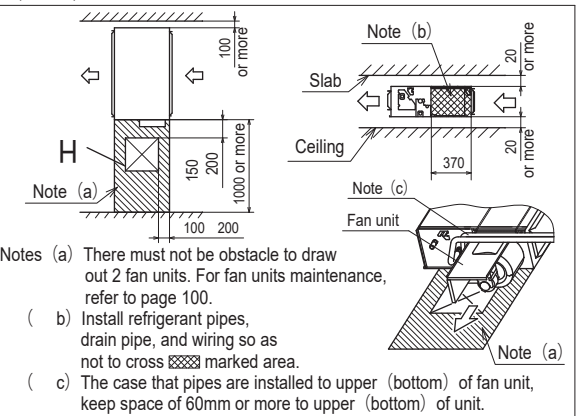
Models FDU100VH, 125VH, 140VH



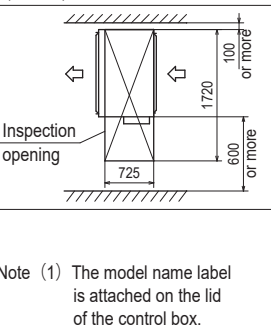
Space for installation and service

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(Case 1) From side of unit

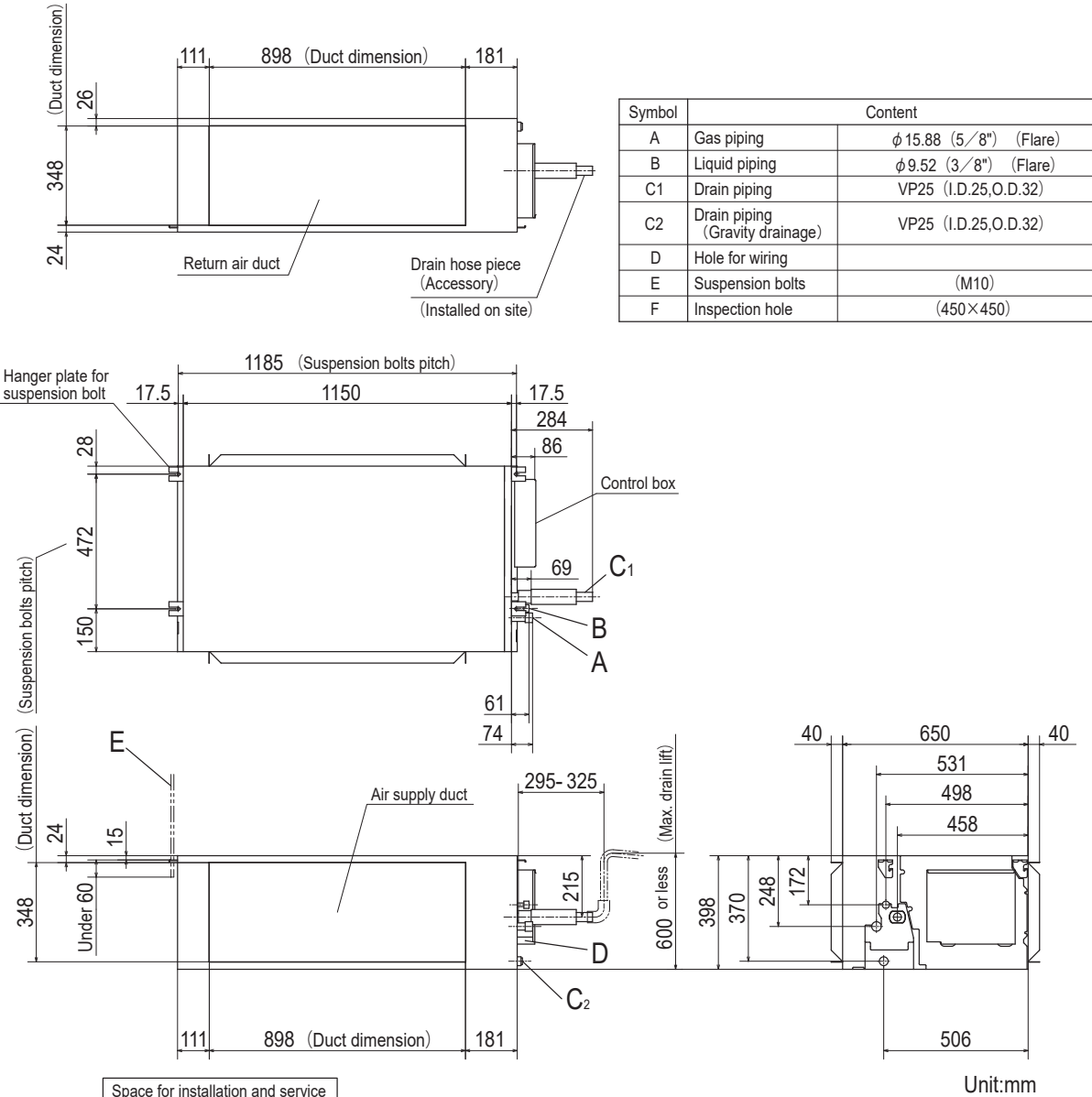


(Case 2) From bottom of unit



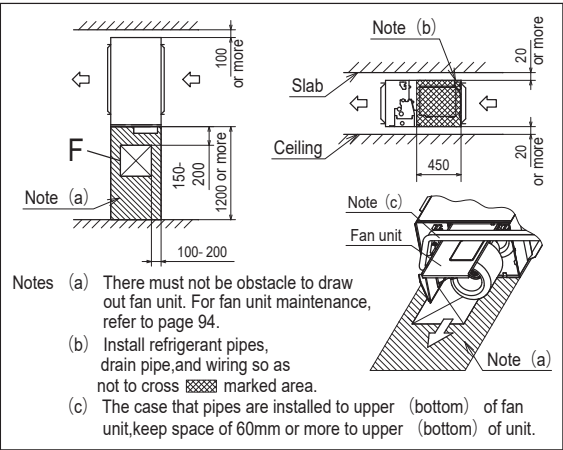
FDUA Series

Models FDU A100VH, 125VH, 140H

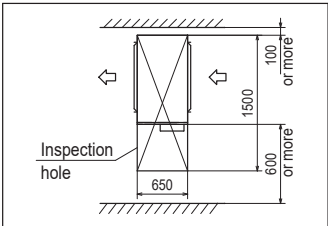


Space for installation and service

Select either of two cases to keep space for installation and services.
(Case 1) From side of unit



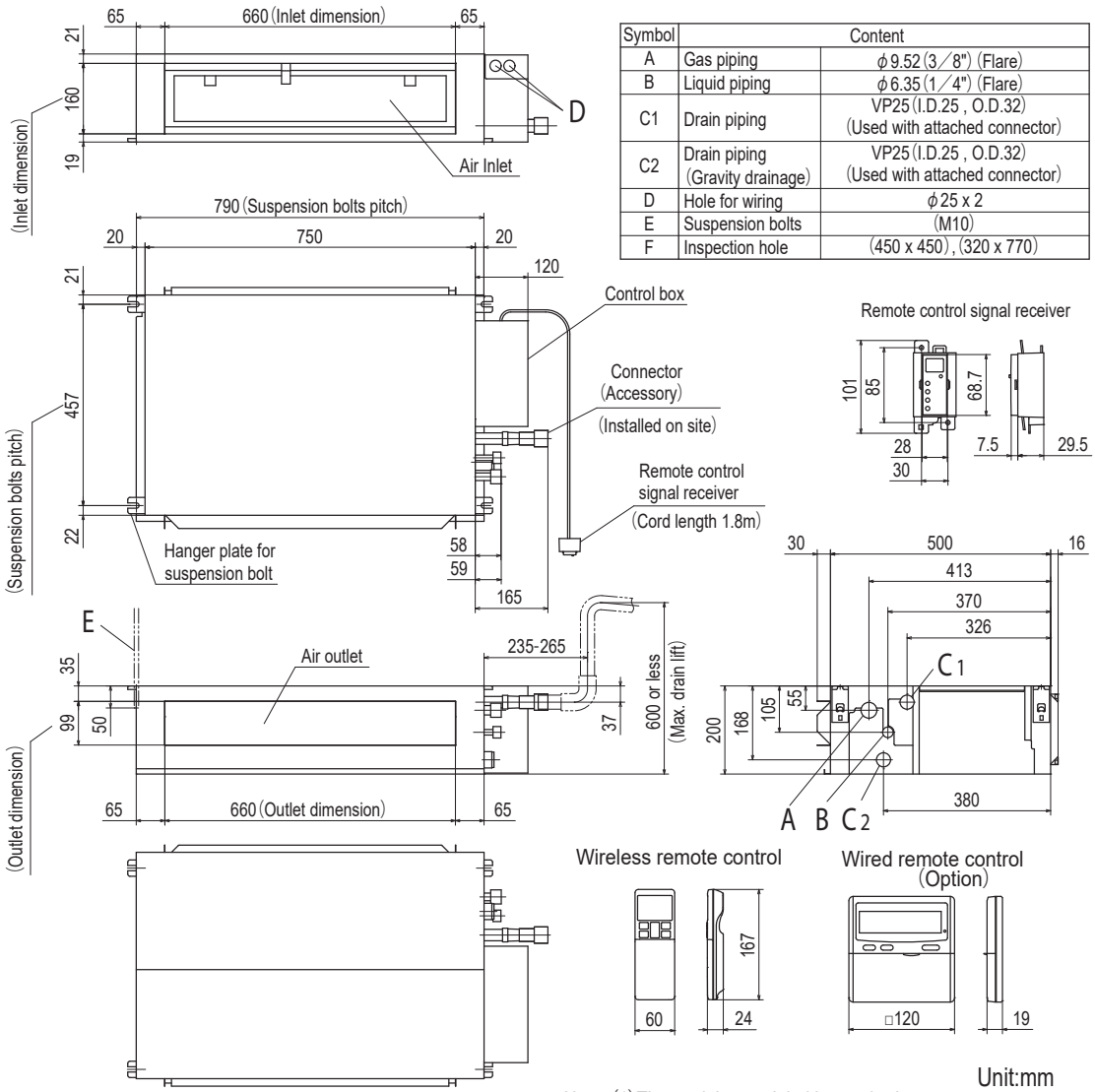
(Case 2) From bottom of unit



Note (1) The model name label is attached on the lid of the control box.

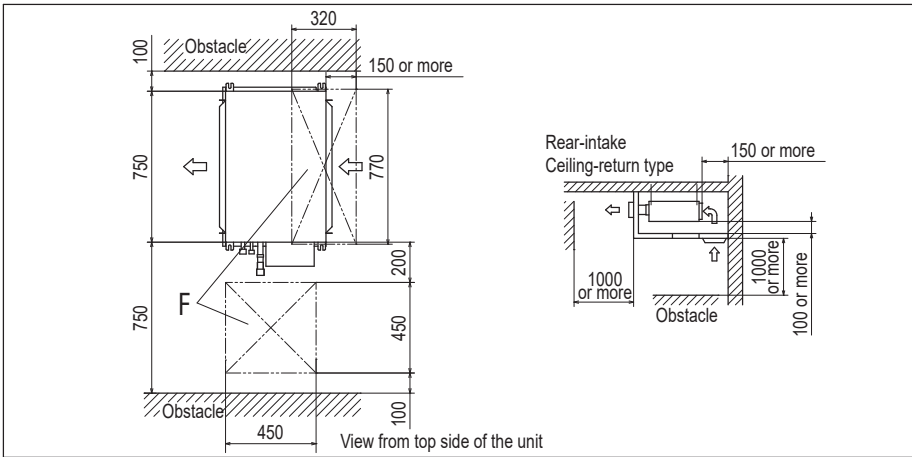
SRR Series

Models SRR25ZS-W, 35ZS-W



Notes (1) The model name label is attached on the lid of the control box.
(2) To connect the wired remote control, the interface kit (SC-BIKN2-E) is required.

Space for installation and service



SUPERIOR TECHNOLOGY THAT **OUTLASTS AND OUTPERFORMS**

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