



HEATING AND COOLING SOLUTIONS

DUCTED SYSTEMS



AUSTRALIA'S BEST AIR-CONDITIONER BRAND

We're proud to have been rated the best air-conditioner brand in the 2023 Finder Awards - that's the third year in a row! These awards recognise brand sentiment from customer feedback on different retail product categories.



AUSTRALIA'S BEST AIR-CONDITIONER BRAND

We're proud to have been recognised by CHOICE® as Australia's best brand of air-conditioner six years in a row - something no other air-conditioner brand has done before. The award is based on test reviews of over 200 reverse cycle air-conditioners and the results of the annual reliability and satisfaction survey completed by CHOICE® members.



AUSTRALIA'S MOST SATISFIED CUSTOMERS

We're also proud to have been named by Canstar Blue as having the most satisfied customers of any air-conditioner brand for the last five years. Canstar Blue's annual air-conditioner review rates air conditioning brands on functionality and features, noise, ease of use, reliability, value for money and overall consumer satisfaction.

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.

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).

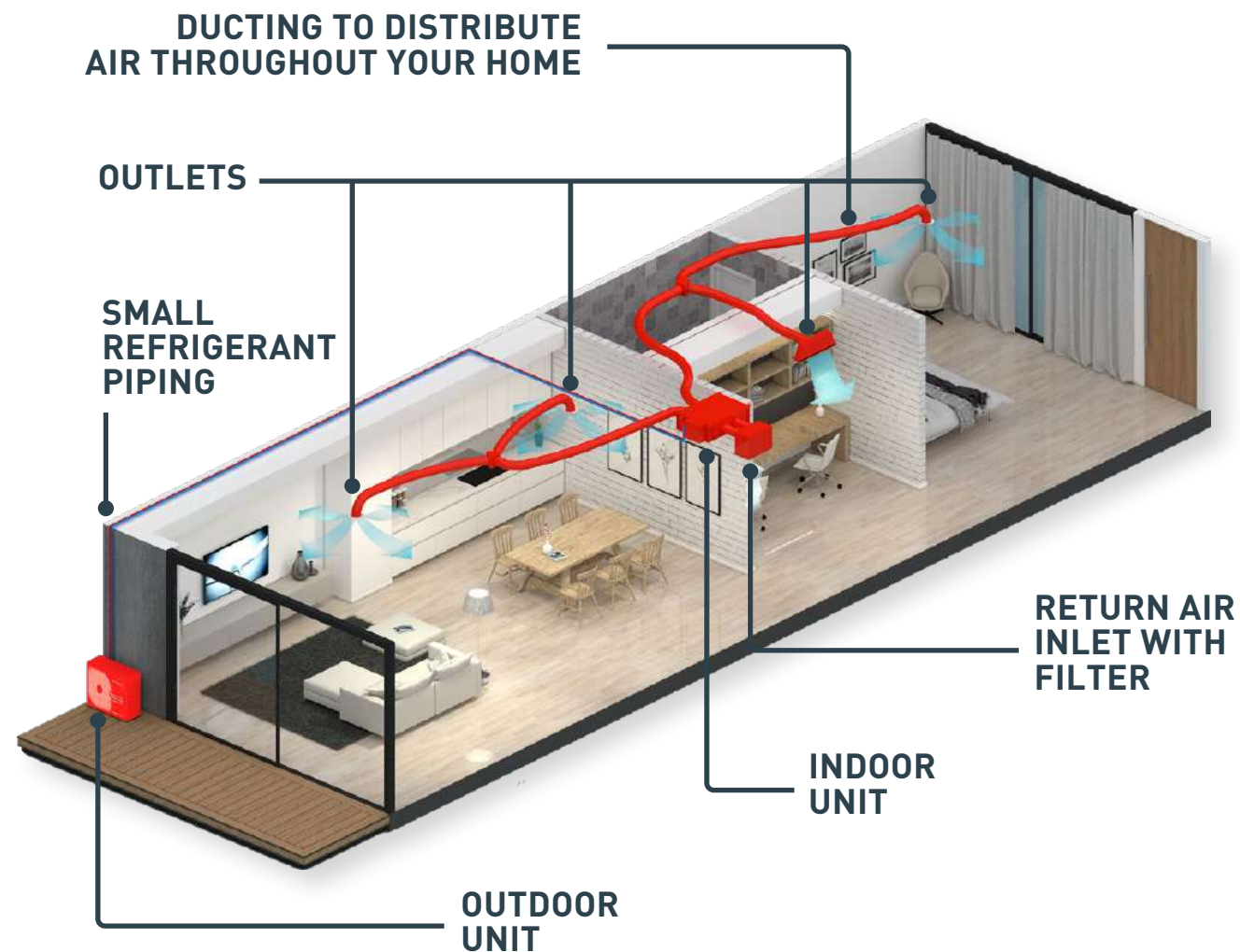


MHIAA Ducted Systems

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), a controller and may include an optional zoning system, 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 come with a built-in drain pump*, 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.



*Excludes FDU224KXZE1 and FDU280KXZE1

Our Technology

IMPROVED HEAT EXCHANGER

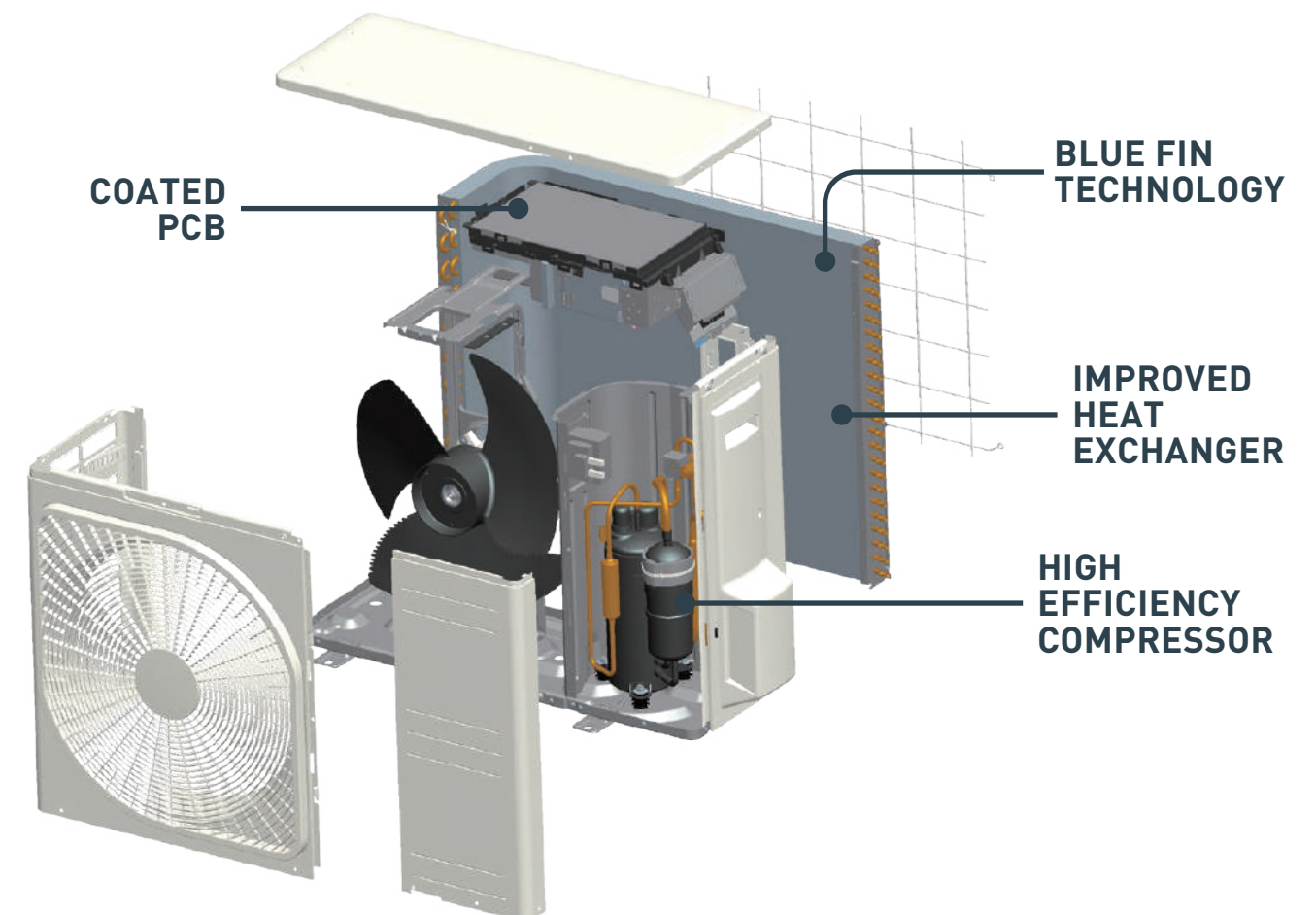
Our new and improved heat exchanger has been developed to improve refrigerant distribution and increase the systems effectiveness. The new design features a larger heat exchange area, boosting the unit's overall efficiency.

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

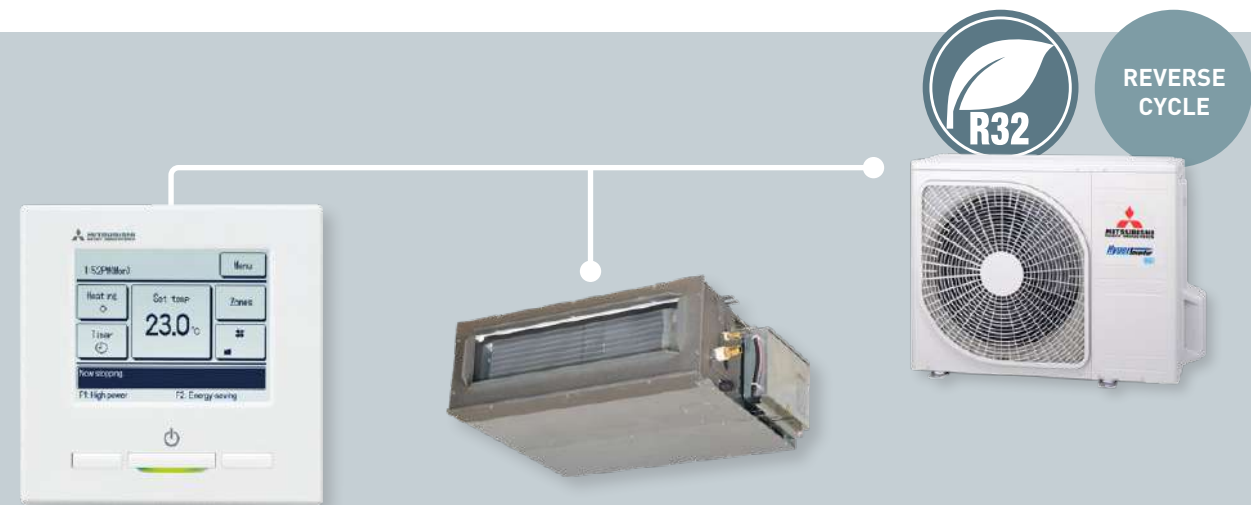
The PAM control used in Mitsubishi Heavy Industries air conditioners helps minimise the loss of electricity and boost the efficiency by allowing the unit to reach the temperature quickly before slowing down the compressor. This allows the unit to save energy while maintaining a comfortable temperature 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 +50°C in cooling mode.

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

FDUM Series



*See pg. 11 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

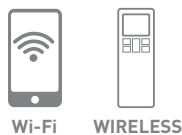
Our advanced hyper-inverter technology allows our ducted systems to reach the desired temperature quicker than ever before. Once the system has reached the set temperature it will ramp down and maintain this closely, switching on only when required - ensuring your comfort all year round and reducing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

QUIET OPERATION

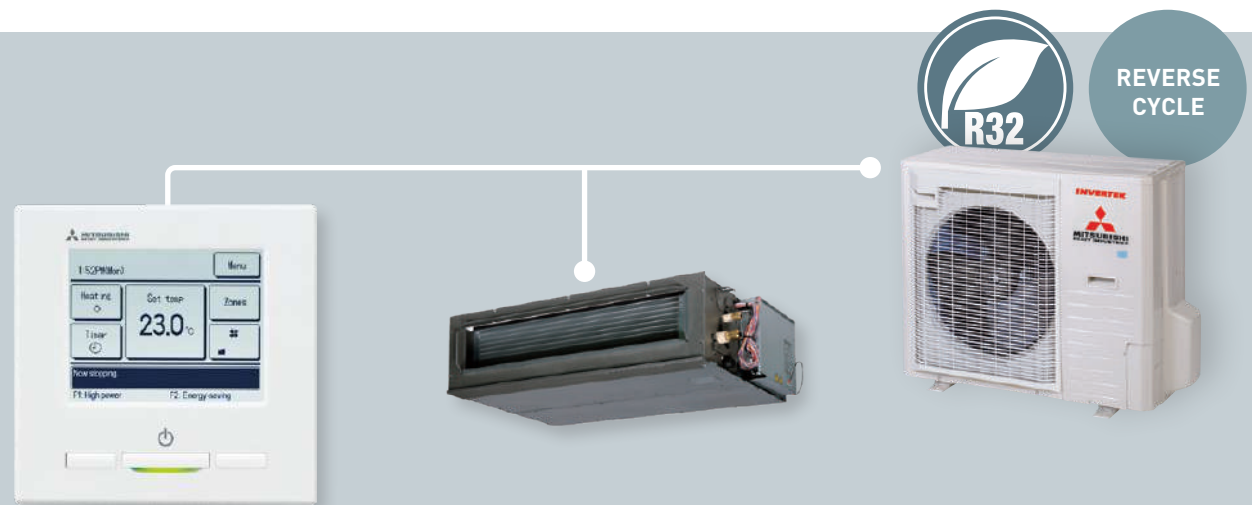
The FDUM series boasts a super quiet operation level of 26 dB (A) on low fan speed. Combined with the unit's Silent Mode, the FDUM is perfect for bedrooms and ensures a good night's sleep for you and your family.

SRC50-60ZSXA-W outdoor unit shown.

OTHER CONTROL OPTIONS (SOLD SEPARATELY)



FDU Series



*See pg. 11 for full list of features and functions

MED/HIGH STATIC PRESSURE SINGLE PHASE MODELS (7.1 KW - 14.0KW) THREE PHASE MODELS (10.0KW - 14.0KW)

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

7.1kW | 10.0kW | 12.1kW | 12.5kW | 14.0kW

Our 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

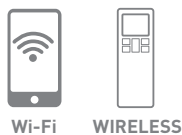
With an improved heat exchanger in the outdoor unit, boosting refrigerant distribution throughout the system, coupled with our highly efficient DC fan motor within the indoor unit, the FDU series boasts industry leading energy efficiencies which means reduced running costs for your home.

QUIET OPERATION

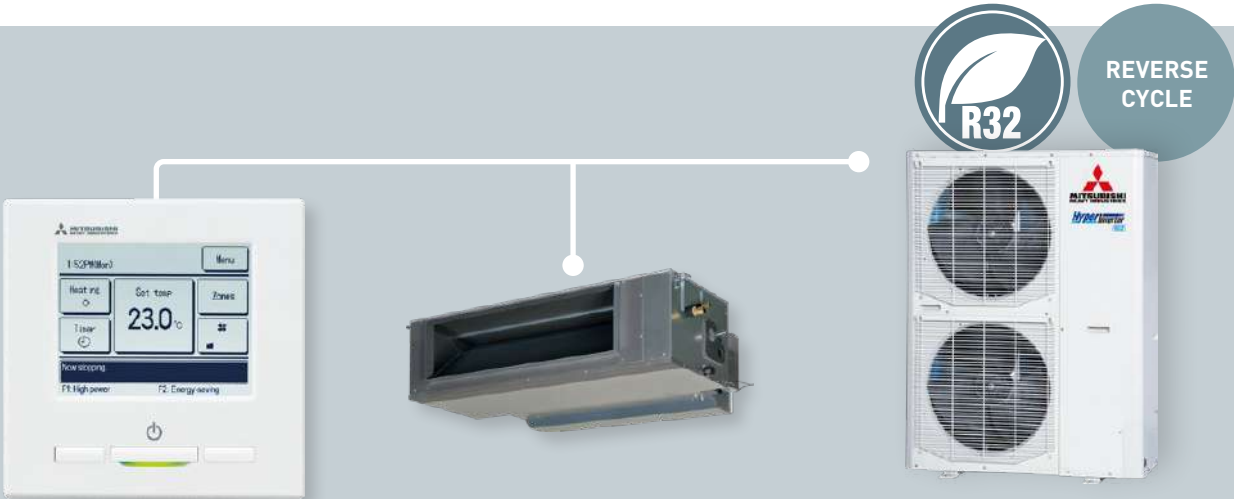
Thanks to our highly efficient DC fan motor, the FDU series boasts some of the quietest operation levels on the market - with our 7.1kW unit achieving a market leading low of 25 dB (A) on low fan speed. Combined with the unit's Silent Mode, the FDU series ensures no interruptions to room acoustics and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

FDCA100VNP-W outdoor unit shown.

OTHER CONTROL OPTIONS (SOLD SEPARATELY)



FDUA Series



*See pg. 11 for full list of features and functions

HIGH STATIC PRESSURE
SINGLE PHASE MODELS (10.0KW - 16.0KW)
THREE PHASE MODELS (10.0KW - 23.5KW)

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

10.0kW | 12.1kW | 12.5kW | 14.0kW | 16.0kW | 20.0kW | 23.5kW

Our FDU series of ducted systems are a quiet and discreet solution for multiple rooms. Coming in a range of capacities ranging from 10kW up to 23.5kW 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

With an improved heat exchanger in the outdoor unit, boosting refrigerant distribution throughout the system, coupled with our highly efficient DC fan motor and R32 refrigerant, 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 quiet operation levels. 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.

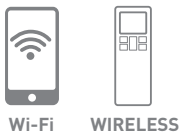
SPLITTABLE INDOOR UNIT

Splittable design* allows the indoor unit to be separated into two components for easier handling during installation.

WIDER OPERATING RANGE

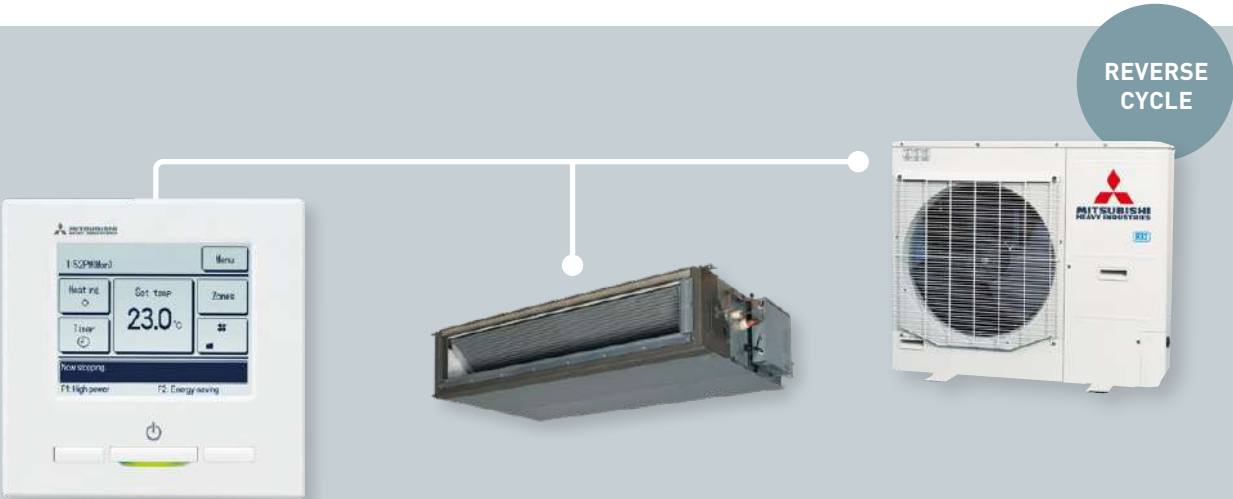
With a wider operating range, the FDU series can operate in cooling mode in temperatures up to 50°C** making it suitable for the tough Aussie conditions.

OTHER CONTROL OPTIONS (SOLD SEPARATELY)



*Splittable design applies to 14kW and 16kW models.
**Excludes FDCA100VNP-W & FDCA125VNP-W
FDCA140VNX-W/FDCA140VSX-W outdoor unit shown.

KX Series



*See pg. 11 for full list of features and functions

HIGH STATIC PRESSURE
SINGLE PHASE MODELS (9.0KW - 15.2KW)
THREE PHASE MODELS (11.2KW - 28.0KW)

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

9.0kW | 11.2kW | 14.0 kW | 15.2kW | 22.4kW | 28.0kW

Our KX series of ducted systems offer a durable and high performance heating and cooling solution. Coming in a range of capacities ranging from 9.0kW up to 28.0kW and incorporating VRF technology as well as a range of convenient features, KX compact series is the perfect heating and cooling solution for larger Aussie homes.

VRF TECHNOLOGY

Traditionally used in larger, commercial projects, the KX compact series incorporates VRF (Variable Refrigerant Flow) technology to deliver high performance.

COMPACT OUTDOOR UNIT

A compact outdoor unit offers additional flexibility with installation by allowing the outdoor unit to fit within smaller spaces.

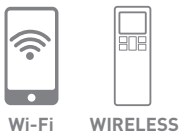
BLUE FIN™ TECHNOLOGY

A specially formulated layer applied to internal components helps reduce corrosion and protect the outdoor unit's internal aluminium parts from the harsh Australian weather conditions.

BUILT-IN DRAIN PUMP

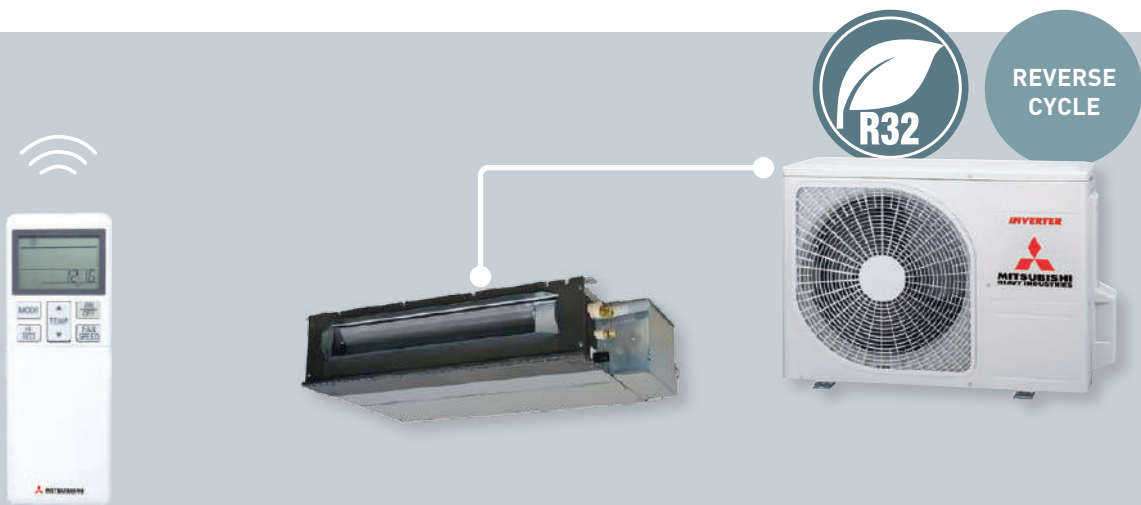
With a built-in drain pump the KX series allows greater flexibility during installation, making it the perfect solution for applications with limited ceiling space.

OTHER CONTROL OPTIONS (SOLD SEPARATELY)



FDC112KXEN6 outdoor unit shown.
Not compatible with Flexizone zoning solution.

AKARI™ Series



*See pg. 11 for full list of features and functions

BULKHEAD SYSTEM

SINGLE PHASE MODELS (2.5KW - 5.6KW)



2.5kW | 3.5 kW | 5.0kW | 5.6kW

The Akari™ series of 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. They deliver 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 Akari™ 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.

BUILT-IN DRAIN PUMP

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

SRC25-35ZSA-W outdoor unit shown.

SUPER QUIET OPERATION

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

HI 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.

OTHER CONTROL OPTIONS (SOLD SEPARATELY)



Features and Functions

	FUNCTION		DESCRIPTION	FDU	FDUA	FDUM	KX	AKARI
AIRFLOW		Automatic Fan Speed	On-board microcomputer continuously monitors the room's air temperature and adjusts the air flow automatically.	■	■	■	■	■
		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.					■
		Filter Sign	Alerts you to when the filter needs to be cleaned.	■	■	■	■	■
		Outside Air Intake	Allocated outside air inlet connection available on indoor unit to provide fresh air into the room, avoiding the constant recycling of internal air. **	■	■	■	■	
		Self-Clean Operation	Dries the indoor unit components by running the fan on ultra-low mode, preventing the growth of mould. Designed to be run regularly after use.					■
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.	■	■	■	■	
		Home Leave Operation*	Will maintain a moderate indoor temperature, avoiding extremely hot or cool temperatures. Perfect for when you're away on holidays.	■	■	■	■	
		Economy Mode	The unit operates at a slightly reduced capacity to reduce power consumption while maintaining a comfortable room temperature.	■	■	■	■	■
COMFORT & CONVENIENCE		Hi 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.	■	■	■	■	■
		Dry Operation	Reduces humidity by removing moisture from the air without effecting the indoor temperature.	■	■	■	■	■
		Silent Operation	Allows you to program periods where the unit will operate with reduced noise levels, perfect for night time and an uninterrupted sleep.	■	■	■	■	■
		Automatic Operation	Automatically selects the required heating or cooling function based on the current room conditions.	■	■	■	■	■
		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).	■	■	■	■	
TIMERS		On/Off Timer	Set your unit to turn on and off once, at specific times, within a 24 hour period. Unit will then turn on and off at the specified times every day.	■	■	■	■	■
		Weekly Timer	Set your unit to turn on and off automatically on a weekly basis to suit your usual room usage on each day.	■	■	■	■	■
		Sleep Timer	This function allows you to set a per-determined amount of time between 30 and 240 mins that your unit will operate for before switching off.	■	■	■	■	■
		Night Setback	Designed for the colder seasons, this function ensures the room temperature is kept at around 10°C, even while unoccupied.					■
		Peak-Cut Timer*	This function lets you to preset the capacity limit during certain periods of the day, minimising energy consumption during peak billing times, thus reducing operation costs.	■	■	■	■	
MAINTENANCE & PREVENTION		Child Lock	Locks the remote control to prevent little ones from changing functions and other settings. Useful for families with curious young children.					■
		Self-Diagnostics	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.	■	■	■	■	■
		Improved Serviceability	The fan unit (comprised of impeller and motor) is easily accessible from either the side or bottom of the unit and can be slid out for easy maintenance. (Not applicable to all models)	■	■	■	■	
		Built-in Drain Pump	The built-in drain pump, which includes a lift of 600 or 850mm, allows greater flexibility with installation, offering a great solution for applications with limited space.	■	■	■	■	■
		Auto Restart Function	Automatically restarts the unit in the same operating mode if it suffers a loss of power. (Disabled for some models by default)	■	■	■	■	■

*Functions can only be enabled using RC-EXZ3A wired controller.
FDU224KXE1 and FDU280KXE1 do not include built-in drain pumps.
Drain pump assembly can be purchased from MRE spare parts.
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.
**Requires a separate outside air duct to be connected to indoor unit.

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 (7 languages)

*RC-EXZ3A controller shown.
**Requires SC-BIKN2-E kit (sold separately) for use with bulkhead systems.
***Function limitations may apply.



WIRELESS CONTROLLER

- 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 AC Cloud Control app.
- Control the set temperature, operation mode and fan speed remotely.
- Control your system using Voice Commands via Google or Amazon smart speaker devices.
- 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 including zone control are not 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.
In some applications, a 12V DC external power supply may be required for MH-RC-WI-FI-1B.



AC Cloud Control

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.

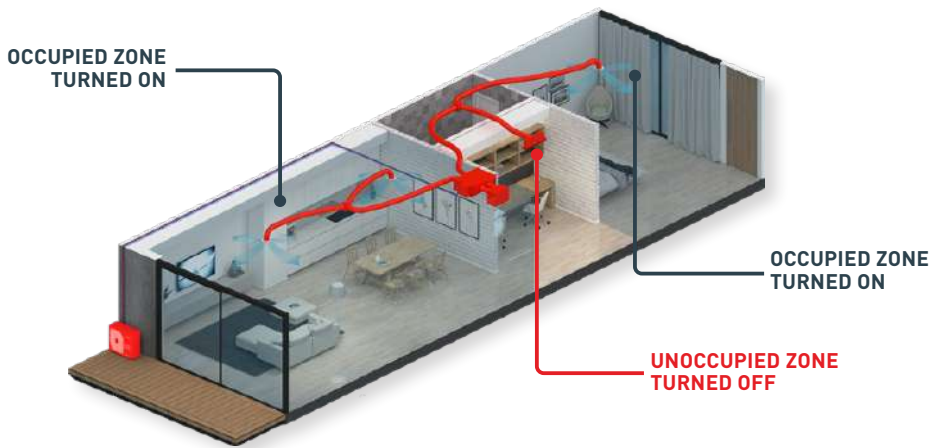
FlexiZone Zoning Solution



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 (7 languages)

RC-EXZ3A controller shown. *MHIAA zoning solution includes relay board MH-4ZRMV2 (sold separately)
***Flexizone not compatible with FDUA200AVSAWVH or KX 1:1 systems



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 10 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)



PRODUCT SPECIFICATIONS

FDUM & FDU SERIES

CAPACITY		5.0 KW	5.6 KW	7.1 KW	10.0KW	10.0 KW	12.1 KW	12.5 KW	14.0 KW	10.0 KW	12.5 KW	14.0 KW	10.0 KW	12.5 KW	14.0 KW
Set	FDUM60ZSXA-WH	FDUM60ZSXA-WH	FDUM60ZSXA-WH	FDU71A/NX-WH	FDU100A/NP-WH	FDU100A/NX-WH	FDU125A/NP-WH	FDU125A/NX-WH	FDU140A/NX-WH	FDU100A/SA-WH	FDU125A/SA-WH	FDU140A/SA-WH	FDU100A/SA-WH	FDU125A/SA-WH	FDU140A/SA-WH
	FDUM50VH	FDUM60VH	FDUM100VH	FDU71VH	FDU100VH	FDU100VH	FDU125VH	FDU125VH	FDU140VH	FDU100VH	FDU125VH	FDU140VH	FDU100VH	FDU125VH	FDU140VH
Outdoor	SRC50ZSXA-W	SRC60ZSXA-W	SRC60ZSXA-W	FDCA71VNX-W	FDCA100VNP-W	FDCA100VNA-W	FDCA125VNP-W	FDCA125VNX-W	FDCA140VNX-W	FDCA100VSA-W	FDCA125VSA-W	FDCA140VSA-W	FDCA100VSA-W	FDCA125VSA-W	FDCA140VSA-W
Power Source (Outdoor Unit)		1 Phase 240V 50Hz													
*Operation Data	Nominal Capacity Range	Cooling T1 Heating H1	5.0 (1.1-5.6)	5.6 (1.1-6.3)	7.1 (3.2-8.0)	10 (2.1-10.2)	10.0 (4.0-11.2)	12.1 (5.0-12.1)	12.5 (3.5-14.0)	14.0 (3.5-16.0)	10.0 (4.0-11.2)	12.5 (3.5-14.0)	14.0 (4.0-11.2)	12.5 (3.5-14.0)	14.0 (3.5-16.0)
			5.4 (0.6-6.3)	6.7 (0.6-7.1)	8.0 (3.6-9.0)	10 (1.7-10.4)	11.2 (4.0-12.5)	12.1 (4.0-13.3)	14.0 (2.7-17.0)	16.0 (2.7-18.0)	11.2 (4.0-12.5)	14.0 (2.7-18.0)	16.0 (2.7-18.0)	14.0 (2.7-18.0)	16.0 (2.7-20.0)
	Power Consumption	Cooling T1 Heating H1	4.80	4.80	7.40	7.60	10.00	7.90	13.10	15.50	10.00	13.10	15.50	10.00	13.10
			1.51	1.53	1.77	3.08	2.99	3.85	3.49	4.22	2.99	3.49	4.22	2.99	3.49
	Max Power Consumption	Cooling T1 Heating H1	1.59	1.75	1.78	2.45	2.66	3.28	3.61	4.22	2.66	3.61	4.22	2.66	3.61
			2.90	2.90	4.11	4.46	6.40	4.75	7.10	7.10	10.20	8.90	10.20	8.90	8.90
*Operation Data	Running Current	Cooling T1 Heating H1	6.9	7.8	7.9	13.1	14.3	16.2	15.3	18.5	4.6	5.6	6.7	5.6	6.7
			7.2	7.8	7.9	10.4	12.7	13.8	15.9	18.5	4.1	5.9	6.8	4.1	5.9
	Inrush Current, Maximum Current	Cooling T1	5.15	5.15	5.20	5.19	5.26	5.20	5.28	5.30	5.28	5.17	5.16	5.17	5.17
			3.31	3.64	4.01	3.25	3.35	3.14	3.58	3.32	3.35	3.58	3.32	3.35	3.32
External Dimensions (HXWWD)	EER	Cooling T1	3.39	3.83	4.49	4.08	4.21	3.69	3.88	3.79	4.21	3.88	3.79	4.21	3.88
			3.39	3.83	4.49	4.08	4.21	3.69	3.88	3.79	4.21	3.88	3.79	4.21	3.88
	Sound Power Level (US C9612)	Outdoor	63	65	66	68	70	73	68	69	69	68	69	68	69
			P-Hi:37 Hi:32 Me:29 Lo:26	P-Hi:36 Hi:31 Me:28 Lo:25	P-Hi:38 Hi:33 Me:29 Lo:25	P-Hi: 44 Hi: 38 Me: 36 Lo: 30	P-Hi:44 Hi:38 Me:36 Lo:30	P-Hi:45 Hi:40 Me:34 Lo:29	P-Hi:47 Hi:40 Me:35 Lo:30	P-Hi:44 Hi:38 Me:36 Lo:30	P-Hi:45 Hi:40 Me:34 Lo:29	P-Hi:47 Hi:40 Me:35 Lo:30	P-Hi:44 Hi:38 Me:36 Lo:30	P-Hi:45 Hi:40 Me:34 Lo:29	P-Hi:47 Hi:40 Me:35 Lo:30
Net Weight	Sound Pressure Level (US C9612)	Indoor	52	54	51	56	55	57	54	54	54	54	55	54	54
			280x750x635	280x950x635	280x950x635	280x1370x740	280x1370x740	280x1370x740	280x1370x740	280x1370x740	280x1370x740	280x1370x740	280x1370x740	280x1370x740	280x1370x740
	Outdoor	Indoor	640x800(+71)x290	640x800(+71)x280	750x890(+89)x340	750x890(+89)x240	845x970x370	845x970x370	1300x970x370	1300x970x370	845x970x370	1300x970x370	1300x970x370	1300x970x370	1300x970x370
			29	34	34	54	54	54	54	54	54	54	54	54	54
Supply Air Connection	Return Air Connection	Outdoor	45	45	60	57	77	73	97	97	78	99	99	99	99
			170x680	170x880	170x880	170x1200	170x1200	170x1200	170x1200	170x1200	170x1200	170x1200	170x1200	170x1200	170x1200
	External Static Pressure (Max)	Pa	200x660	200x860	200x740	235x1280	235x1280	235x1280	235x1280	235x1280	235x1280	235x1280	235x1280	235x1280	235x1280
			100	100	200	200	200	200	200	200	200	200	200	200	200
Airflow	Indoor (Cooling)	Indoor (Heating)	P-Hi:217 Hi:167 Me:150 Lo:133	P-Hi:333 Hi:250 Me:217 Lo:167	P-Hi:400 Hi:316 Me:250 Lo:166	P-Hi:600 Hi:467 Me:417 Lo:317	P-Hi:650 Hi:533 Me:433 Lo:333	P-Hi:650 Hi:533 Me:433 Lo:333	P-Hi:800 Hi:583 Me:467 Lo:367	P-Hi:600 Hi:467 Me:417 Lo:317	P-Hi:800 Hi:583 Me:467 Lo:367	P-Hi:650 Hi:533 Me:433 Lo:333	P-Hi:600 Hi:467 Me:417 Lo:317	P-Hi:650 Hi:533 Me:467 Lo:367	P-Hi:800 Hi:583 Me:467 Lo:367
			1.3	1.3	2.75	1.7	3.3	2.25	4.0	4.0	3.3	4.0	4.0	4.0	4.0
	Refrigerant (R32)	Pre Charged To Pipe Length	15	15	30	15	30	15	30	30	30	30	30	30	30
			Ø6.35	Ø6.35	Ø6.35	Ø6.35**	Ø6.35	Ø9.52	Ø9.52	Ø9.52	Ø9.52	Ø9.52	Ø9.52	Ø9.52	Ø9.52
Installation Data	Refrigerant Piping	Liquid Line	Ø12.7	Ø12.7	Ø15.88	Ø15.88	Ø15.88	Ø15.88	Ø15.88	Ø15.88	Ø15.88	Ø15.88	Ø15.88	Ø15.88	Ø15.88
			Gas Line	Gas Line	Gas Line	Gas Line	Gas Line	Gas Line	Gas Line	Gas Line	Gas Line	Gas Line	Gas Line	Gas Line	Gas Line
	Connection Method	Maximum Pipe Length (One Way)	Flare Connection												
			30	30	50	30	50	30	100	100	100	50	100	100	100
Controller	Motion Sensor (Optional)	Demand response (AS4755)	50 (O.U. above I.U.) / 15 (O.U. below I.U.)												
			50 (O.U. above I.U.) / 15 (O.U. below I.U.)												
	Outdoor air temperature (upper, lower limits)	Cooling	Yes												
			-15 to 46												
Demand response (AS4755)	Outdoor air temperature (upper, lower limits)	Heating	Yes												
			-15 to 46												
	Cooling	Heating	Yes												
			-15 to 46												

* Operation data has been gathered in accordance with AS/NZS 3823 standards. For testing conditions please refer to Page 17. **Reducer set Ø9.52 --> Ø6.35 is included in the outdoor unit as accessory for FDCA100VNP-W

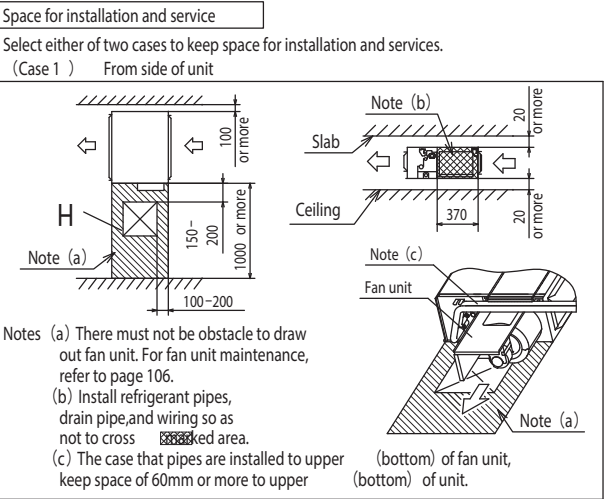
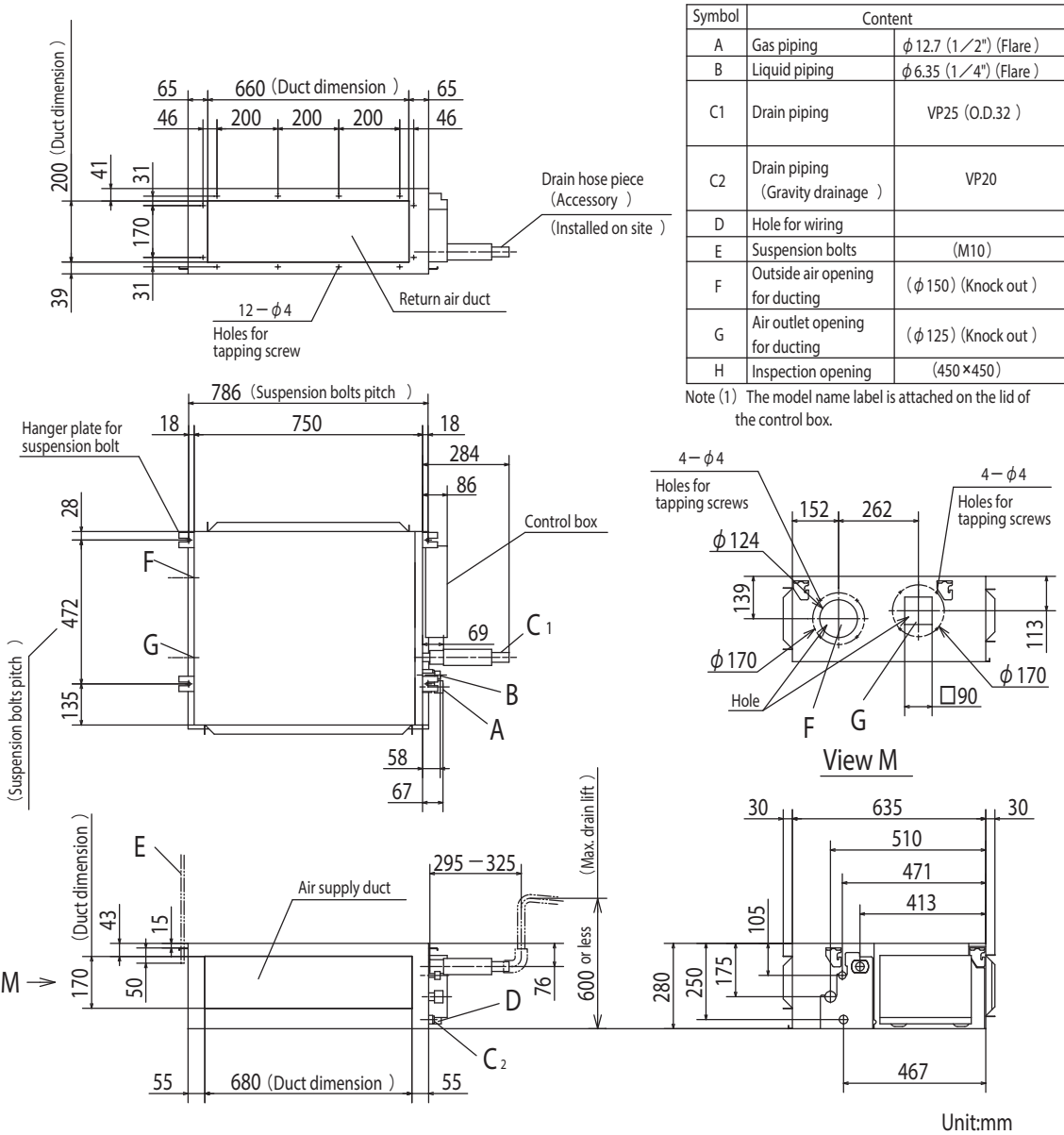
PRODUCT SPECIFICATIONS

FDUA SERIES

CAPACITY		10.0 KW	10.0KW	12.1KW	12.5KW	14.0KW	16.0KW	10KW	12.5KW	14.0KW	16.0KW	20.0KW	23.5KW																																																																																																						
Set	FDUA100A/NP-WH	FDUA100A/NP-WH	FDUA100A/NA-WH	FDUA125A/NP-WH	FDUA125A/NX-WH	FDUA140A/NX-WH	FDUA160A/NX-WH	FDUA100A/SA-WH	FDUA125A/SA-WH	FDUA140A/SA-WH	FDUA160A/SA-WH	FDUA200A/SA-WH	FDUA250A/SA-WH																																																																																																						
	FDUA100VH	FDUA100VH	FDUA100VH	FDUA125VH	FDUA125VH	FDUA140VH	FDUA160VH	FDUA100VH	FDUA125VH	FDUA140VH	FDUA160VH	FDUA200VH	FDUA250VH																																																																																																						
Outdoor	FDCA100VNP-W	FDCA100VNA-W	FDCA125VNP-W	FDCA125VNX-W	FDCA140VNX-W	FDCA160VNX-W		FDCA100VSA-W	FDCA125VSA-W	FDCA140VSA-W	FDCA160VSA-W	FDCA200VSA-W	FDCA250VSA-W																																																																																																						
Power Source (Outdoor Unit)		3 Phase 380~415V 50Hz																																																																																																																	
*Operation Data	Nominal Capacity Range	Cooling T1	10 (2.1~10.2)	10.0 (4.0~11.2)	12.1 (5.0~12.1)	12.5 (5.0~14.0)	14.0 (5.0~14.5)	16.0 (5.0~17.0)	10.0 (4.0~11.2)	12.5 (5.0~14.0)	14.0 (5.0~14.5)	16.0 (6.9~20.0)	20.0 (6.9~28.0)	23.5 (6.9~28.0)																																																																																																					
		Heating H1	10 (1.7~10.4)	11.2 (4.0~12.5)	12.1 (4.0~13.3)	14.0 (4.0~17.0)	16.0 (4.0~18.0)	18.0 (4.0~21.0)	11.2 (4.0~12.5)	14.0 (4.0~18.0)	16.0 (4.0~18.0)	18.0 (5.5~22.4)	22.4 (5.5~31.5)	28.0 (5.5~31.5)																																																																																																					
	Power Consumption	Cooling T1	7.60	10.00	7.90	14.20	15.50	15.00	10.00	14.20	15.50	16.1	21.0	21.1																																																																																																					
		Heating H1	2.99	3.05	3.85	3.83	4.02	5.00	3.05	3.83	4.02	4.68	5.78	7.7																																																																																																					
	Max Power Consumption	Cooling T1	2.57	2.87	3.28	3.68	4.19	5.00	2.87	3.68	4.19	4.6	5.44	7.7																																																																																																					
		Heating H1	4.46	6.40	4.75	6.13	5.77	7.1	10.20	7.66	7.26	11.20	11.20	11.2																																																																																																					
	Running Current	Cooling T1	13.2	14.7	16.2	17.0	17.8	22.00	4.7	6.4	6.7	7.5	9.1	12																																																																																																					
		Heating H1	11.4	14.0	13.8	16.3	18.6	22.00	4.4	6.2	6.9	7.5	8.6	12																																																																																																					
	Inrush Current, Maximum Current	Cooling T1	5, 19	5, 26	5, 20	5, 29	5, 30	5, 30	5, 17	5, 18	5, 19	5, 24	5, 27	5, 27																																																																																																					
		Heating H1	3.34	3.28	3.14	3.26	3.48	3.16	3.28	3.26	3.48	3.42	3.46	3.16																																																																																																					
External Dimensions (HXWxD)	Sound Power Level (US C9612)	Cooling T1	3.89	3.90	3.69	3.80	3.82	3.60	3.90	3.80	3.82	3.91	4.12	3.67																																																																																																					
		Heating H1	68	69	73	68	69	69	68	69	73	73	73	73																																																																																																					
	Indoor	Indoor	P-Hi:43 Hi:42 Me:40 Lo:37	P-Hi:43 Hi:42 Me:40 Lo:37	P-Hi:46 Hi:44 Me:42 Lo:38	P-Hi:46 Hi:44 Me:42 Lo:38	P-Hi:48 Hi:47 Me:43 Lo:41	P-Hi:48 Hi:47 Me:43 Lo:41	P-Hi:43 Hi:42 Me:40 Lo:37	P-Hi:46 Hi:44 Me:42 Lo:38	P-Hi:48 Hi:47 Me:43 Lo:41	P-Hi:52 Hi:50 Me:47 Lo:45	P-Hi:52 Hi:50 Me:47 Lo:45	P-Hi:52 Hi:50 Me:47 Lo:45																																																																																																					
		Outdoor	56	55	57	54	54	54	55	54	54	58	58	58																																																																																																					
Net Weight	Indoor	398x1150x650	398x1150x650	398x1150x650	398x1450x930	398x1450x930	398x1450x930	398x1150x650	398x1150x650	398x1450x930	398x1450x930	379x1600x893	379x1600x893																																																																																																						
	Outdoor	750x880(+88)x340	845x970x370	845x970x370	1300x970x370	1300x970x370	1300x970x370	845x970x370	1300x970x370	1300x970x370	1505x970x370	1505x970x370	1505x970x370																																																																																																						
Supply Air Connection	Indoor	52	52	52	52	66	66	54	52	66	66	88	88																																																																																																						
	Outdoor	57	77	73	97	97	97	78	99	99	145	145	145																																																																																																						
Return Air Connection	Indoor	348x898	348x898	348x898	348x898	298x1064	298x1064	348x898	348x898	298x1064	298x1064	250x1450	250x1450																																																																																																						
	Outdoor	348x898	348x898	348x898	348x898	2 X Ø400	2 X Ø400	348x898	348x898	2 X Ø400	250x1450	250x1450	250x1450																																																																																																						
External Static Pressure (Max)	Indoor (Cooling)	200	200	200	200	150	150	200	200	150	150	200	200																																																																																																						
	Indoor (Heating)	P-Hi:650 Hi:600 Me:550 Lo:483	P-Hi:717 Hi:650 Me:600 Lo:500	P-Hi:717 Hi:650 Me:600 Lo:500	P-Hi:717 Hi:650 Me:600 Lo:500	P-Hi:717 Hi:650 Me:733 Lo:600	P-Hi:717 Hi:650 Me:733 Lo:600	P-Hi:717 Hi:650 Me:600 Lo:500	P-Hi:717 Hi:650 Me:600 Lo:500	P-Hi:1000 Hi:867 Me:733 Lo:600	P-Hi:1000 Hi:867 Me:733 Lo:600	P-Hi:1333 Hi:1200 Me:1067 Lo:933	P-Hi:1333 Hi:1200 Me:1067 Lo:933																																																																																																						
Refrigerant (R32)	Pre Charged To Pipe Length	1.7	3.3	2.25	4.0	4.0	4.0	3.3	4.0	4.0	5.1	5.1	5.1																																																																																																						
	Liquid Line	15	30	15	30	30	30	30	30	30	30	30	30																																																																																																						
Installation Data	Refrigerant Piping	Ø6.35**	Ø9.52	Ø9.52	Ø9.52	Ø9.52	Ø9.52	Ø9.52	Ø9.52	Ø9.52	Ø12.7	Ø12.7	Ø12.7																																																																																																						
	Connection Method	Ø15.88	Ø15.88	Ø15.88	Ø15.88	Ø15.88	Ø15.88	Ø15.88	Ø15.88	Ø15.88	Ø22.22, Ø25.4 or Ø28.58	Ø22.22, Ø25.4 or Ø28.58	Ø22.22, Ø25.4 or Ø28.58																																																																																																						
Controller	Safety Pan (Optional)	Motion Sensor (Optional)	Demand response (AS4755)	Outdoor air temperature (upper, lower limits)	Cooling	Heating	°C	30 (O.U. above I.U.) / 15 (O.U. below I.U.)	30 (O.U. above I.U.) / 15 (O.U. below I.U.)	30 (O.U. above I.U.) / 15 (O.U. below I.U.)	30 (O.U. above I.U.) / 15 (O.U. below I.U.)	30 (O.U. above I.U.) / 15 (O.U. below I.U.)	30 (O.U. above I.U.) / 15 (O.U. below I.U.)	30 (O.U. above I.U.) / 15 (O.U. below I.U.)	30 (O.U. above I.U.) / 15 (O.U. below I.U.)	30 (O.U. above I.U.) / 15 (O.U. below I.U.)	30 (O.U. above I.U.) / 15 (O.U. below I.U.)	30 (O.U. above I.U.) / 15 (O.U. below I.U.)	30 (O.U. above I.U.) / 15 (O.U. below I.U.)	30 (O.U. above I.U.) / 15 (O.U. below I.U.)	30 (O.U. above I.U.) / 15 (O.U. below I.U.)	30 (O.U. above I.U.) / 15 (O.U. below I.U.)	30 (O.U. above I.U.) / 15 (O.U. below I.U.)	30 (O.U. above I.U.) / 15 (O.U. below I.U.)	30 (O.U. above I.U.) / 15 (O.U. below I.U.)	30 (O.U. above I.U.) / 15 (O.U. below I.U.)	30 (O.U. above I.U.) / 15 (O.U. below I.U.)	30 (O.U. above I.U.) / 15 (O.U. below I.U.)	30 (O.U. above I.U.) / 15 (O.U. below I.U.)	30 (O.U. above I.U.) / 15 (O.U. below I.U.)	30 (O.U. above I.U.) / 15 (O.U. below I.U.)	30 (O.U. above I.U.) / 15 (O.U. below I.U.)	30 (O.U. above I.U.) / 15 (O.U. below I.U.)	30 (O.U. above I.U.) / 15 (O.U. below I.U.)	30 (O.U. above I.U.) / 15 (O.U. below I.U.)	30 (O.U. above I.U.) / 15 (O.U. below I.U.)	30 (O.U. above I.U.) / 15 (O.U. below I.U.)	30 (O.U. above I.U.) / 15 (O.U. below I.U.)	30 (O.U. above I.U.) / 15 (O.U. below I.U.)	30 (O.U. above I.U.) / 15 (O.U. below I.U.)	30 (O.U. above I.U.) / 15 (O.U. below I.U.)	30 (O.U. above I.U.) / 15 (O.U. below I.U.)	30 (O.U. above I.U.) / 15 (O.U. below I.U.)	30 (O.U. above I.U.) / 15 (O.U. below I.U.)	30 (O.U. above I.U.) / 15 (O.U. below I.U.)	30 (O.U. above I.U.) / 15 (O.U. below I.U.)	30 (O.U. above I.U.) / 15 (O.U. below I.U.)	30 (O.U. above I.U.) / 15 (O.U. below I.U.)	30 (O.U. above I.U.) / 15 (O.U. below I.U.)	30 (O.U. above I.U.) / 15 (O.U. below I.U.)	30 (O.U. above I.U.) / 15 (O.U. below I.U.)	30 (O.U. above I.U.) / 15 (O.U. below I.U.)	30 (O.U. above I.U.) / 15 (O.U. below I.U.)	30 (O.U. above I.U.) / 15 (O.U. below I.U.)	30 (O.U. above I.U.) / 15 (O.U. below I.U.)	30 (O.U. above I.U.) / 15 (O.U. below I.U.)	30 (O.U. above I.U.) / 15 (O.U. below I.U.)	30 (O.U. above I.U.) / 15 (O.U. below I.U.)	30 (O.U. above I.U.) / 15 (O.U. below I.U.)	30 (O.U. above I.U.) / 15 (O.U. below I.U.)	30 (O.U. above I.U.) / 15 (O.U. below I.U.)	30 (O.U. above I.U.) / 15 (O.U. below I.U.)	30 (O.U. above I.U.) / 15 (O.U. below I.U.)	30 (O.U. above I.U.) / 15 (O.U. below I.U.)	30 (O.U. above I.U.) / 15 (O.U. below I.U.)	30 (O.U. above I.U.) / 15 (O.U. below I.U.)	30 (O.U. above I.U.) / 15 (O.U. below I.U.)	30 (O.U. above I.U.) / 15 (O.U. below I.U.)	30 (O.U. above I.U.) / 15 (O.U. below I.U.)	30 (O.U. above I.U.) / 15 (O.U. below I.U.)	30 (O.U. above I.U.) / 15 (O.U. below I.U.)	30 (O.U. above I.U.) / 15 (O.U. below I.U.)	30 (O.U. above I.U.) / 15 (O.U. below I.U.)	30 (O.U. above I.U.) / 15 (O.U. below I.U.)	30 (O.U. above I.U.) / 15 (O.U. below I.U.)	30 (O.U. above I.U.) / 15 (O.U. below I.U.)	30 (O.U. above I.U.) / 15 (O.U. below I.U.)	30 (O.U. above I.U.) / 15 (O.U. below I.U.)	30 (O.U. above I.U.) / 15 (O.U. below I.U.)	30 (O.U. above I.U.) / 15 (O.U. below I.U.)	30 (O.U. above I.U.) / 15 (O.U. below I.U.)	30 (O.U. above I.U.) / 15 (O.U. below I.U.)	30 (O.U. above I.U.) / 15 (O.U. below I.U.)	30 (O.U. above I.U.) / 15 (O.U. below I.U.)	30 (O.U. above I.U.) / 15 (O.U. below I.U.)	30 (O.U. above I.U.) / 15 (O.U. below I.U.)	30 (O.U. above I.U.) / 15 (O.U. below I.U.)	30 (O.U. above I.U.) / 15 (O.U. below I.U.)	30 (O.U. above I.U.) / 15 (O.U. below I.U.)	30 (O.U. above I.U.) / 15 (O.U. below I.U.)	30 (O.U. above I.U.) / 15 (O.U. below I.U.)	30 (O.U. above I.U.) / 15 (O.U. below I.U.)	30 (O.U. above I.U.) / 15 (O.U. below I.U.)	30 (O.U. above I.U.) / 15 (O.U. below I.U.)	30 (O.U. above I.U.) / 15 (O.U. below I.U.)	30 (O.U. above I.U.) / 15 (O.U. below I.U.)	30 (O.U. above I.U.) / 15 (O.U. below I.U.)	30 (O.U. above I.U.) / 15 (O.U. below I.U.)	30 (O.U. above I.U.) / 15 (O.U. below I.U.)	30 (O.U. above I.U.) / 15 (O.U. below I.U.)	30 (O.U. above I.U.) / 15 (O.U. below I.U.)	30 (O.U. above I.U.) / 15 (O.U. below I.U.)	30 (O.U. above I.U.) / 15 (O.U. below I.U.)	30 (O.U. above I.U.) / 15 (O.U. below I.U.)	30 (O.U. above I.U.) / 15 (O.U. below I.U.)	30 (O.U. above I.U.) / 15 (O.U. below I.U.)	30 (O.U. above I.U.) / 15 (O.U. below I.U.)	30 (O.U. above I.U.) / 15 (O.U. below I.U.)	30 (O.U. above I.U.) / 15 (O.U. below I.U.)	30 (O.U. above I.U.) / 15 (O.U. below I.U.)	30 (O.U. above I.U.) / 15 (O.U. below I.U.)	30 (O.U. above I.U.) / 15 (O.U. below I.U.)	30 (O.U. above I.U.) / 15 (O.U. below I.U.)	30 (O.U. above I.U.) / 15 (O.U. below I.U.)	30 (O.U. above I.U.) / 15 (

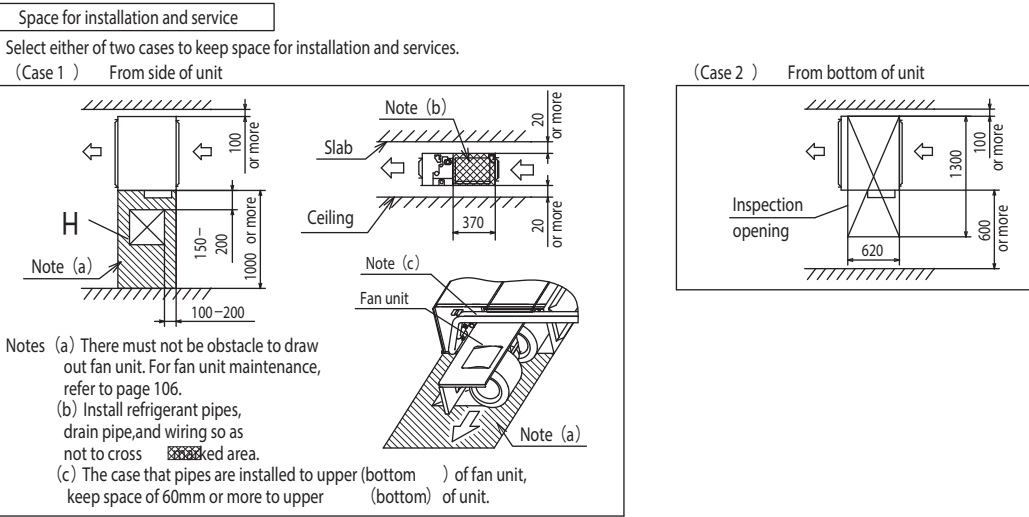
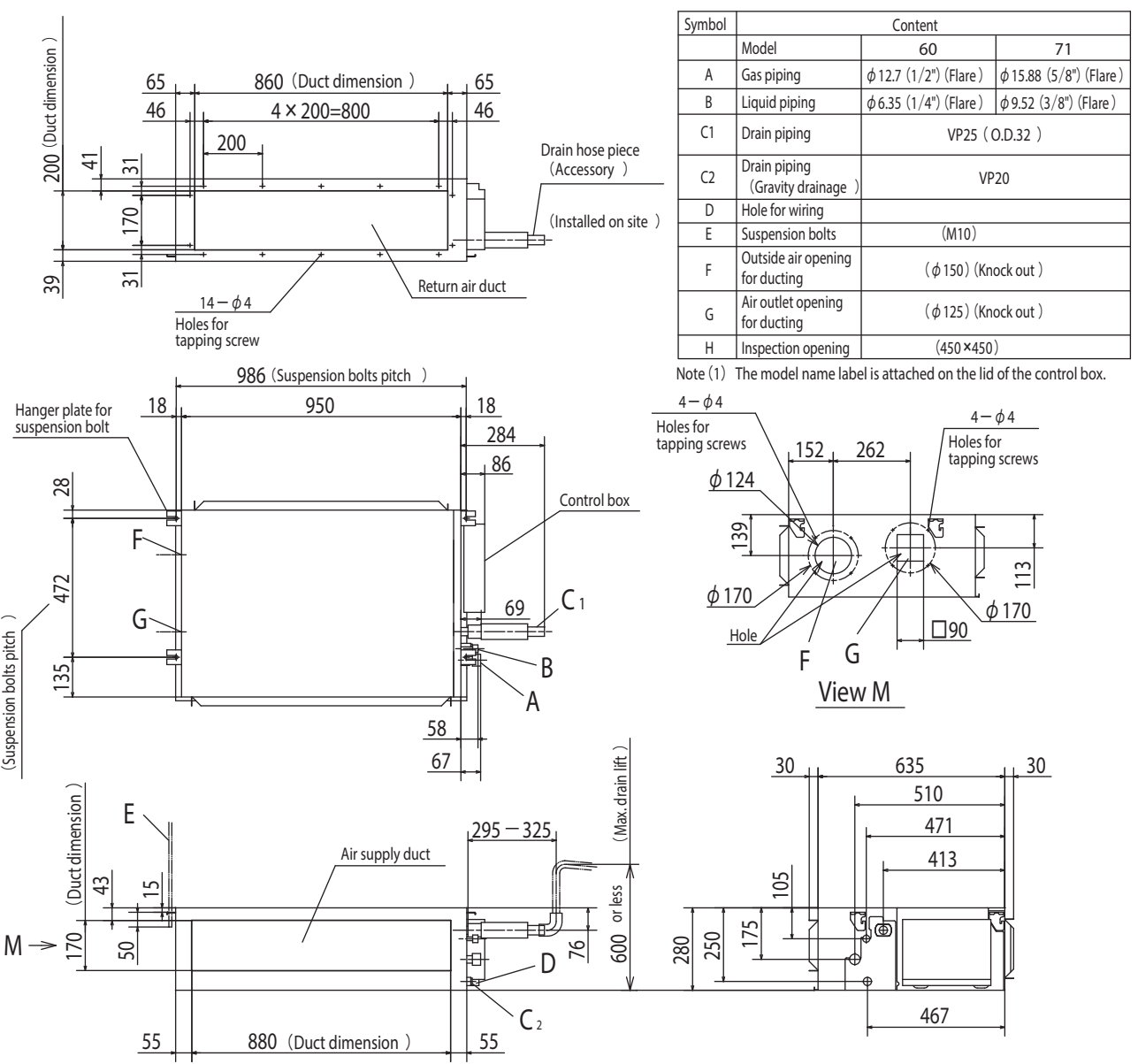
FDUM Series

FDUM50VH



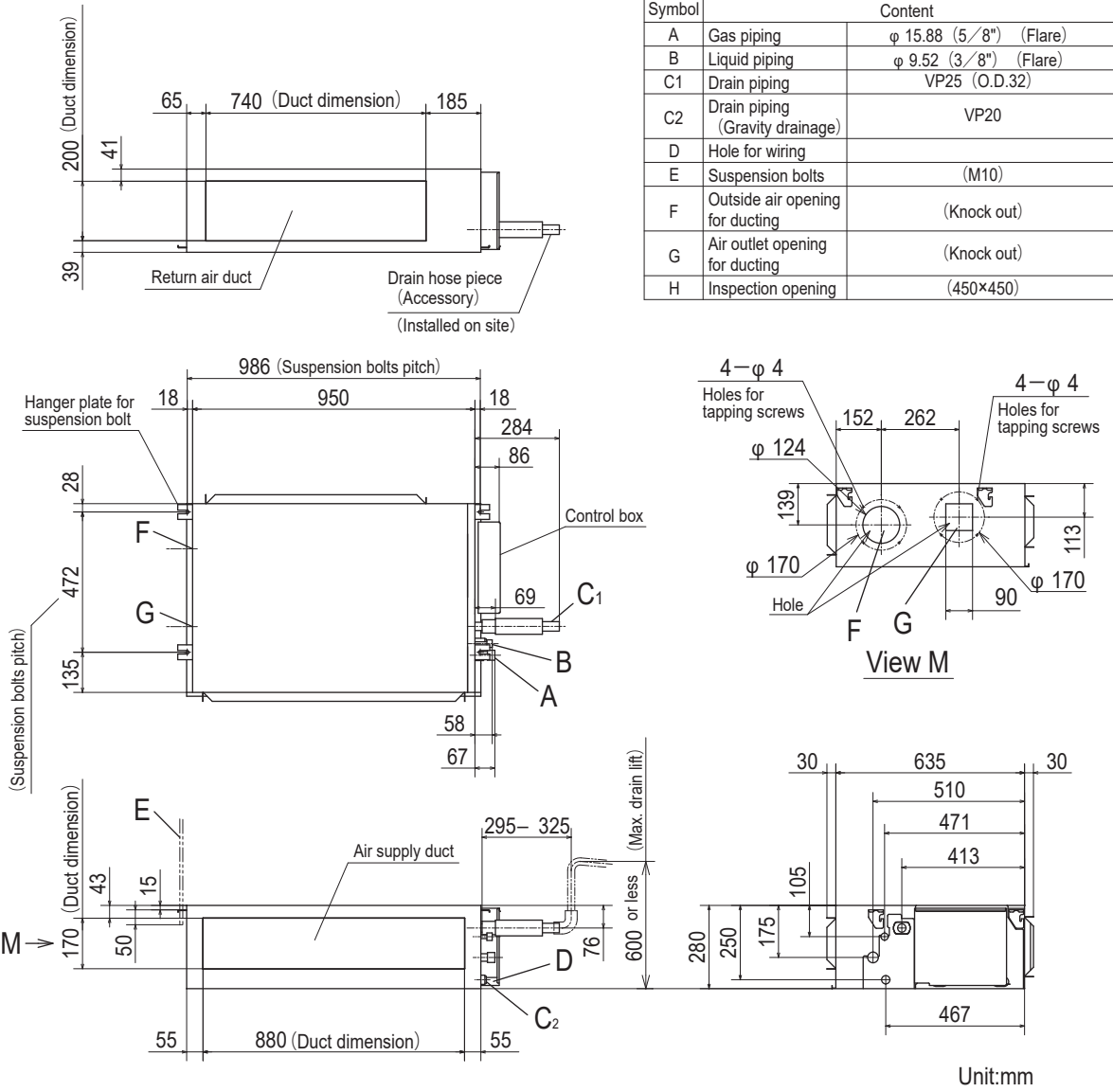
FDUM Series

FDUM60VH



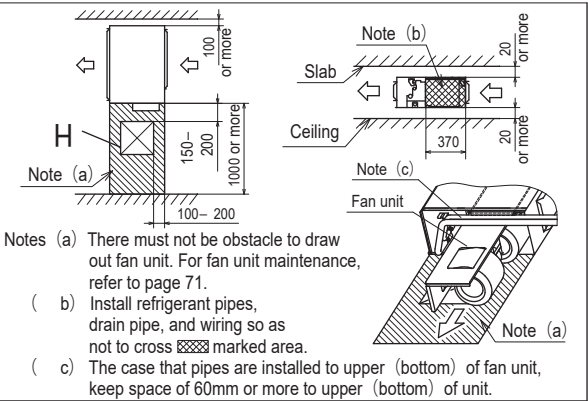
FDU Series

FDU71VH

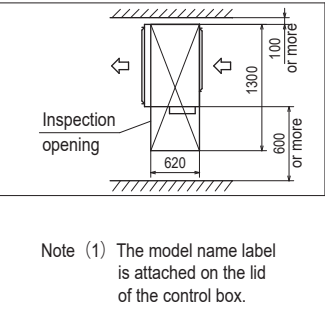


Space for installation and service

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

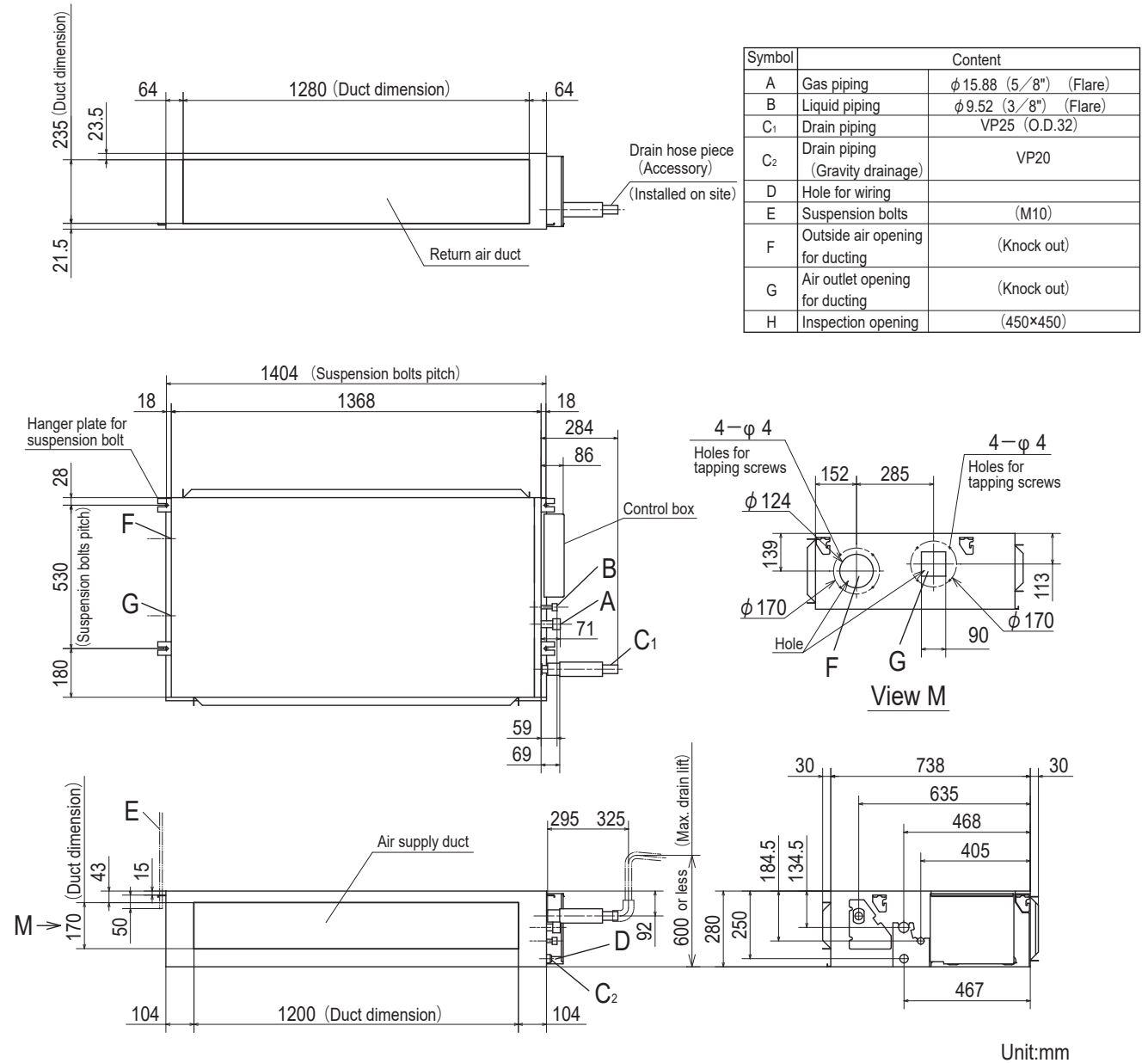


(Case 2) From bottom of unit



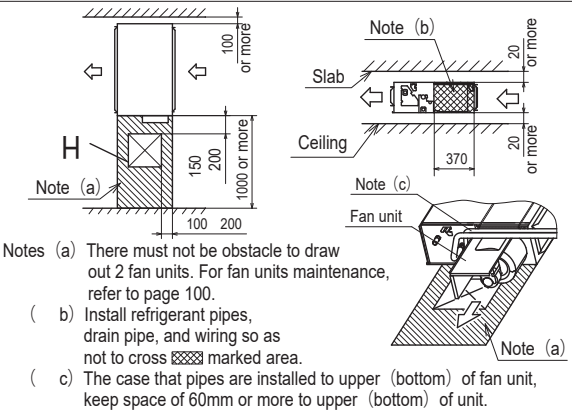
FDU Series

FDU100VH, 125VH, 140VH

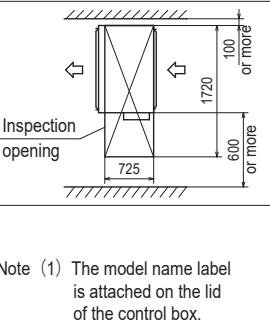


Space for installation and service

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



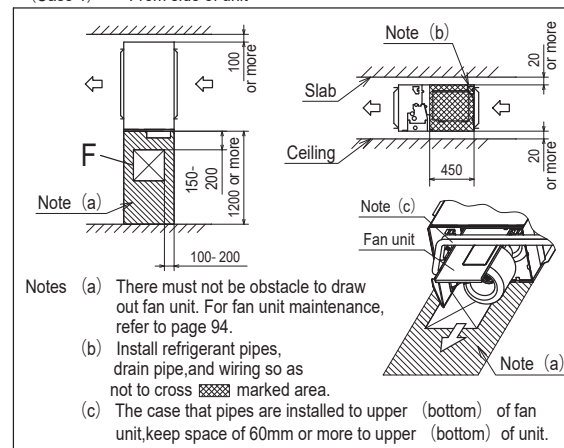
(Case 2) From bottom of unit



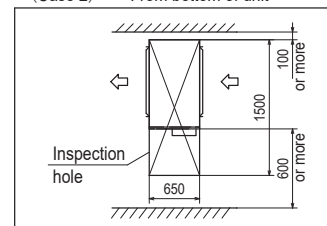
FDUA100, 125VH



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



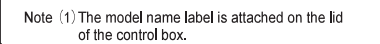
(Case 2) From bottom of unit



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

Symbol	Content	
A	Gas piping	$\phi 15.88$ (5/8") (Flare)
B	Liquid piping	$\phi 9.52$ (3/8") (Flare)
C1	Drain piping	VP25 (I.D.25,O.D.32)
C2	Drain piping (Gravity drainage)	VP25 (I.D.25,O.D.32)
D	Hole for wiring	
E	Suspension bolts	(M10)
F	Inspection hole	(450×450)

FDUA140VH



Unit:mm

Top View Dimensions:

- Overall width: 1160 (Suspension bolts pitch)
- Overall height: 824 (Suspension bolts pitch)
- Internal width segments: 37, 455, 152, 455, 37
- Internal height segments: 29, 340, 29
- Return air duct (φ400)
- Drain hose piece (Accessory) (Installed on site)

Side View Dimensions:

- Overall height: 1124
- Top flange height: 109
- Top flange offset: 18
- Control box height: 284
- Control box offset: 202
- Control box offset: 69
- Control box offset: 61
- Control box offset: 74
- Control box offset: 213
- Control box offset: 18
- Control box offset: 1450
- Control box offset: 1486 (Suspension bolts pitch)
- Control box offset: 18
- Control box offset: 295-325
- Control box offset: 197
- Control box offset: 850 or less (Max. drain lift)
- Control box offset: 398
- Control box offset: 369
- Control box offset: 40
- Control box offset: 930
- Control box offset: 60
- Control box offset: 796
- Control box offset: 720
- Control box offset: 613
- Control box offset: 641
- Control box offset: 247
- Control box offset: 1064 (Duct dimension)
- Control box offset: 139
- Control box offset: 298
- Control box offset: 30
- Control box offset: 15
- Control box offset: 60
- Control box offset: 70

Front View Dimensions:

- Overall width: 1486 (Suspension bolts pitch)
- Overall height: 1124
- Top flange height: 109
- Top flange offset: 18
- Control box height: 284
- Control box offset: 202
- Control box offset: 69
- Control box offset: 61
- Control box offset: 74
- Control box offset: 213
- Control box offset: 18
- Control box offset: 1450
- Control box offset: 1486 (Suspension bolts pitch)
- Control box offset: 18
- Control box offset: 295-325
- Control box offset: 197
- Control box offset: 850 or less (Max. drain lift)
- Control box offset: 398
- Control box offset: 369
- Control box offset: 40
- Control box offset: 930
- Control box offset: 60
- Control box offset: 796
- Control box offset: 720
- Control box offset: 613
- Control box offset: 641
- Control box offset: 247
- Control box offset: 1064 (Duct dimension)
- Control box offset: 139
- Control box offset: 298
- Control box offset: 30
- Control box offset: 15
- Control box offset: 60
- Control box offset: 70

Parts List Table:

Symbol	Content	Content
A	Connecting position of the attached connecting pipe (gas side)	φ15.88 (5/8") (Flare)
B	Connecting position of the attached connecting pipe (liquid side)	φ9.52 (3/8") (Flare)
C1	Drain piping	VP25 (O.D.32)
C2	Drain piping (Gravity drainage)	VP25 (O.D.32)
D	Hole for wiring	
E	Suspension bolts	(M10)
F	Inspection opening	(450×450)
G	Connecting position of the local pipe (liquid side)	φ12.7 (1/2") (Flare)
H	Connecting position of the local pipe (gas side)	φ22.22 (7/8") (Brazing)

Space for installation and service:

Diagram showing the unit's clearance requirements for installation and service. The unit is shown with dimensions for clearance from the wall (100 or more), ceiling (350 or more), and floor (100 or more). The unit is labeled with 'Slab' and 'Ceiling'.

Notes:

- (1) The model name label is attached to the lid of the control box.
- (2) Connect the piping with local pipe by using the pipe of the attachment. (Liquid side and Gas side)
- (3) The field refrigerant pipe sizes indicated in this drawing and the table are applicable when connected to the 3 Phase outdoor FDC160VSA-W. Be sure to use the accessory pipes which are packaged with the outdoor unit to connect pipes of the indoor unit with the local refrigerant pipe. If connecting to the 1 Phase outdoor unit FDC160VNX-W, the local refrigerant connecting pipe sizes are: Liquid Pipe =3/8" flare. Gas Pipe =5/8" flare.

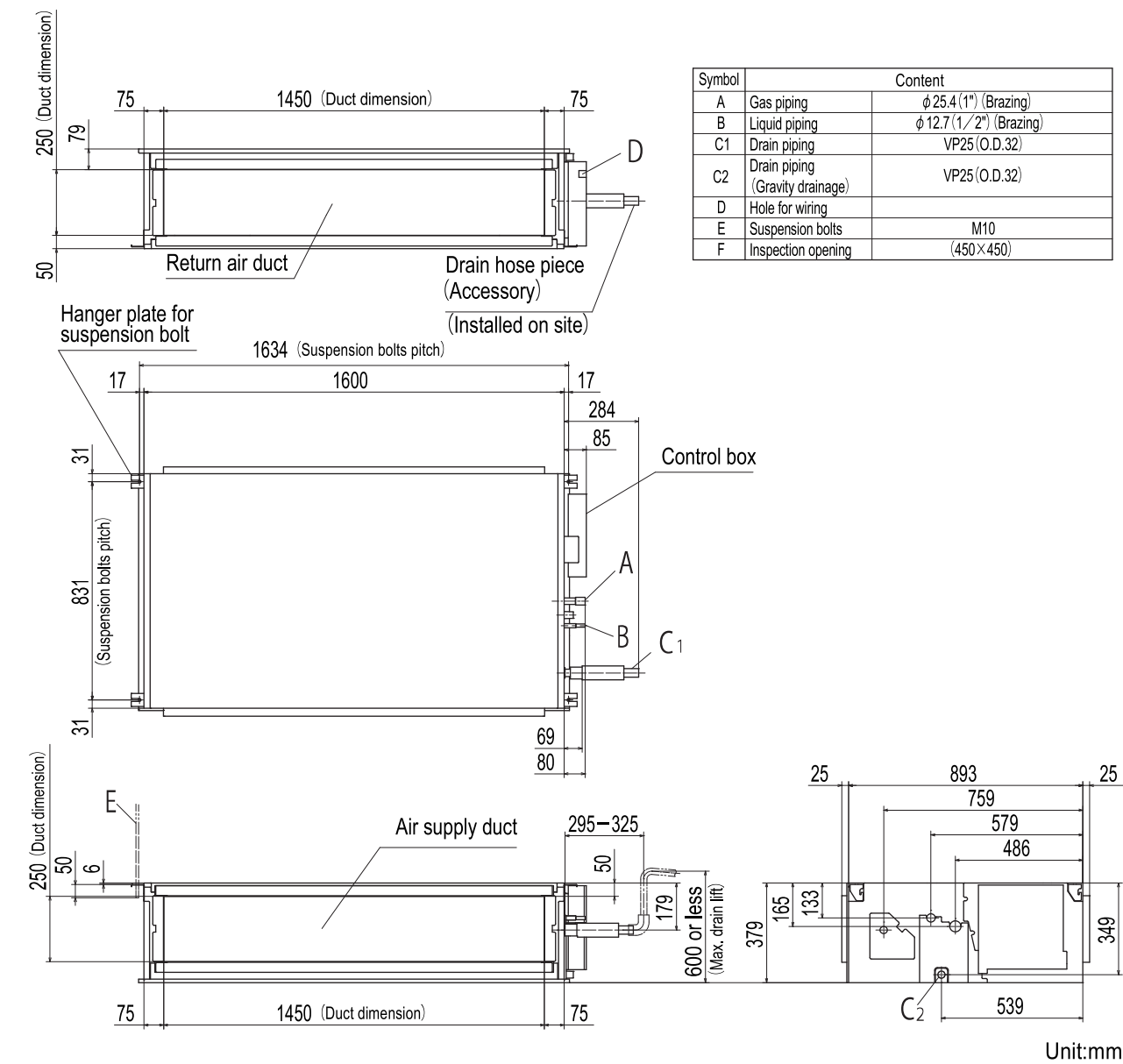
Notes:

- (1) The model name label is attached to the lid of the control box.
- (2) Connect the piping with local pipe byusing the pipe of the attachment. (Liquid side and Gas side)
- (3) The field refrigerant pipe sizes indicated in this drawing and the table are applicable when connected to the 3 Phase outdoor FDCA160VSA-W. Be sure to use the accessory pipes which are packaged with the outdoor unit to connect pipes of the indoor unit with the local refrigerant pipe. If connecting to the 1 Phase outdoor unit FDCA160VNW-W, the local refrigerant pipe connection pipe sizes are: Liquid Pipe $\frac{3}{8}$ "/R, flare. Gas Pipe $\frac{5}{8}$ "/R, flare.

Unit:mm

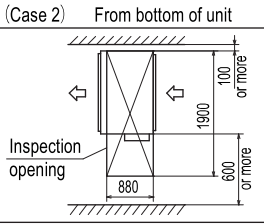
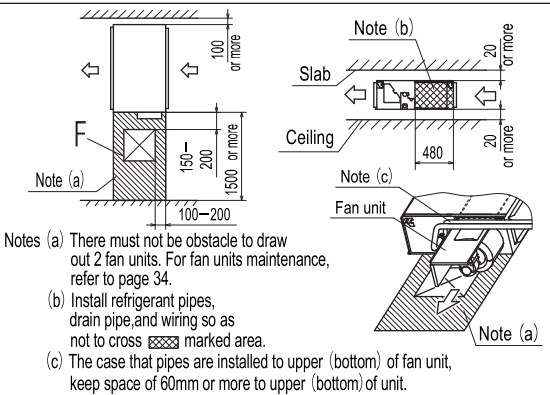
FDUA Series

FDUA200VH



Symbol	Content
A	Gas piping φ 25.4 (1") (Brazing)
B	Liquid piping φ 12.7 (1/2") (Brazing)
C1	Drain piping VP25 (O.D.32)
C2	Drain piping (Gravity drainage) VP25 (O.D.32)
D	Hole for wiring
E	Suspension bolts M10
F	Inspection opening (450×450)

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



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

Unit:mm

KX Series

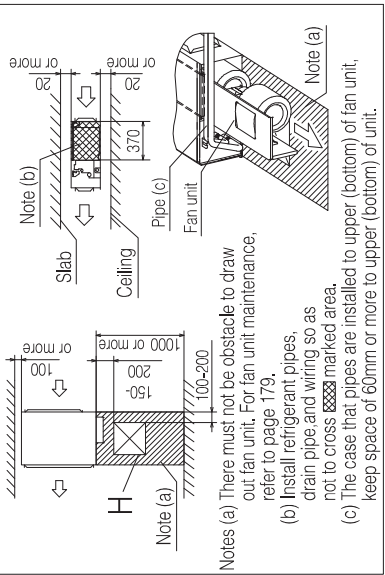
FDU90KXE6F-W

Symbol	Content
A	Gas piping φ 15.88 (5/8") (Flare)
B	Liquid piping φ 9.52 (3/8") (Flare)
C1	Drain piping VP25 (O.D.32)
C2	Drain piping (Gravity drainage) VP20 (O.D.26)
D	Hole for wiring (M10)
E	Suspension bolts (Knock out)
F	Outside air opening for ducting (Knock out)
G	Air outlet opening for ducting (Knock out)
H	Inspection opening (450×450)

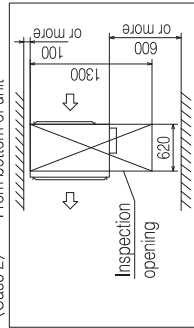
Space for installation and service

Select either of two cases to keep space for installation and services.

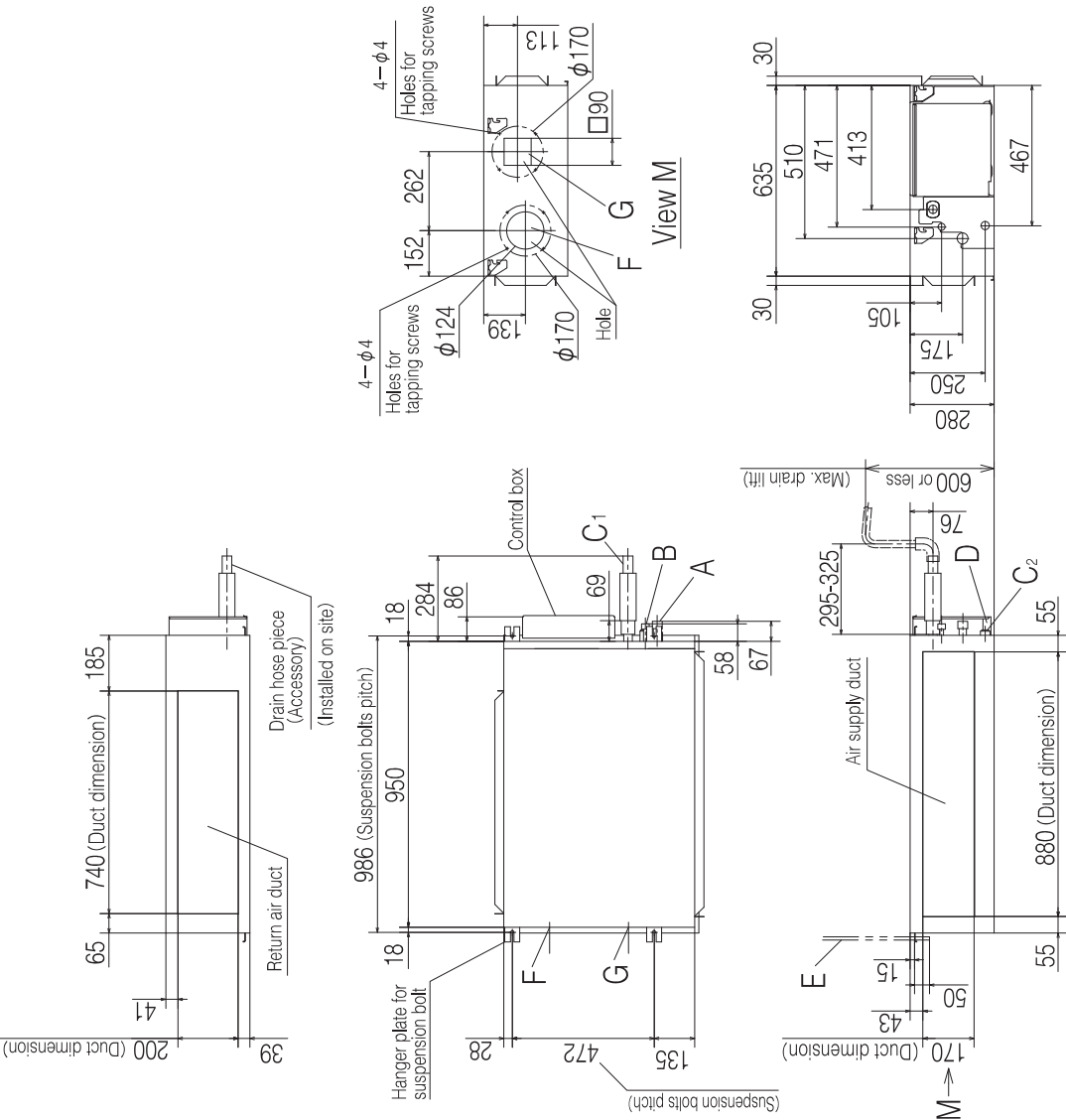
(Case 1) From side of unit



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

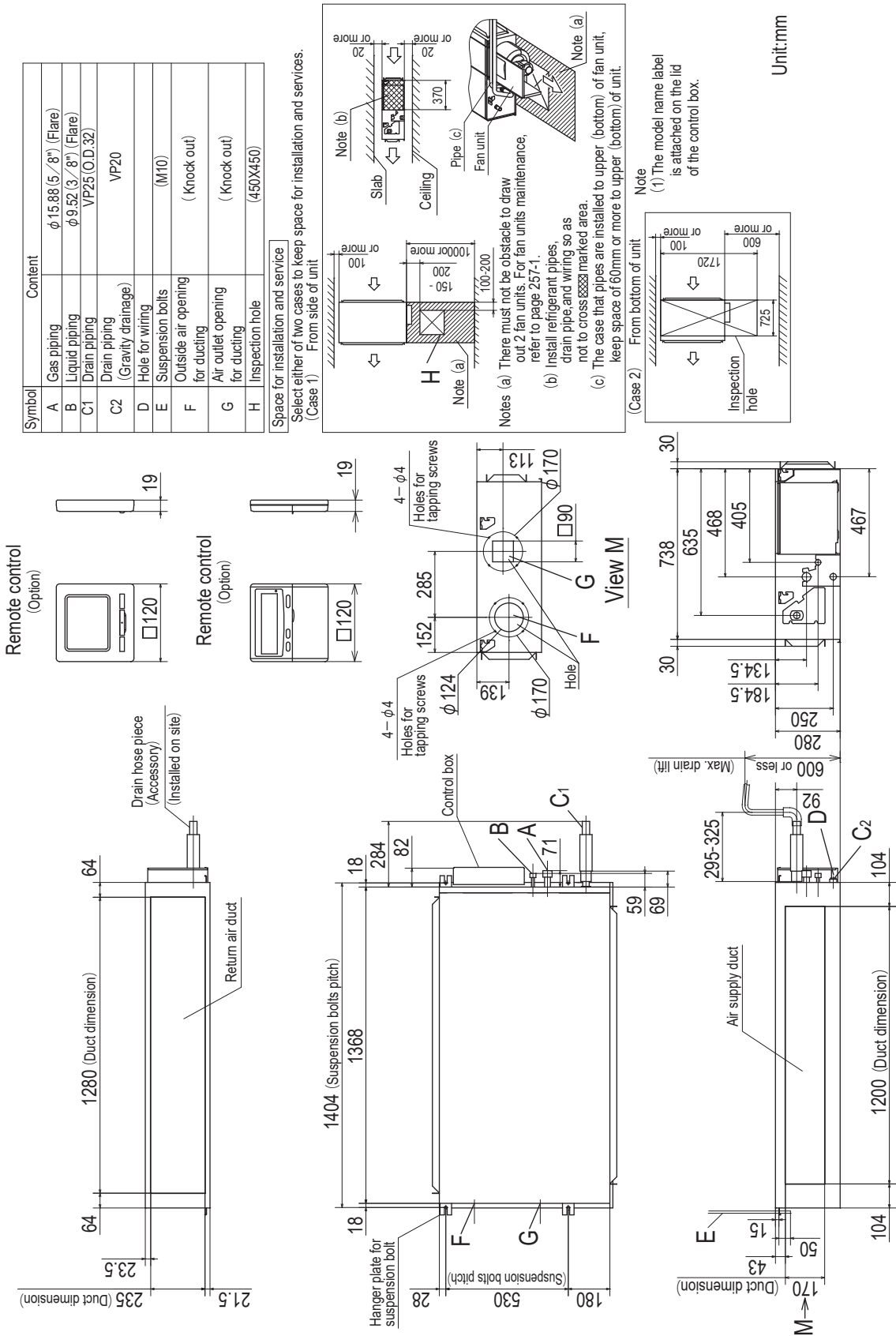


Unit:mm



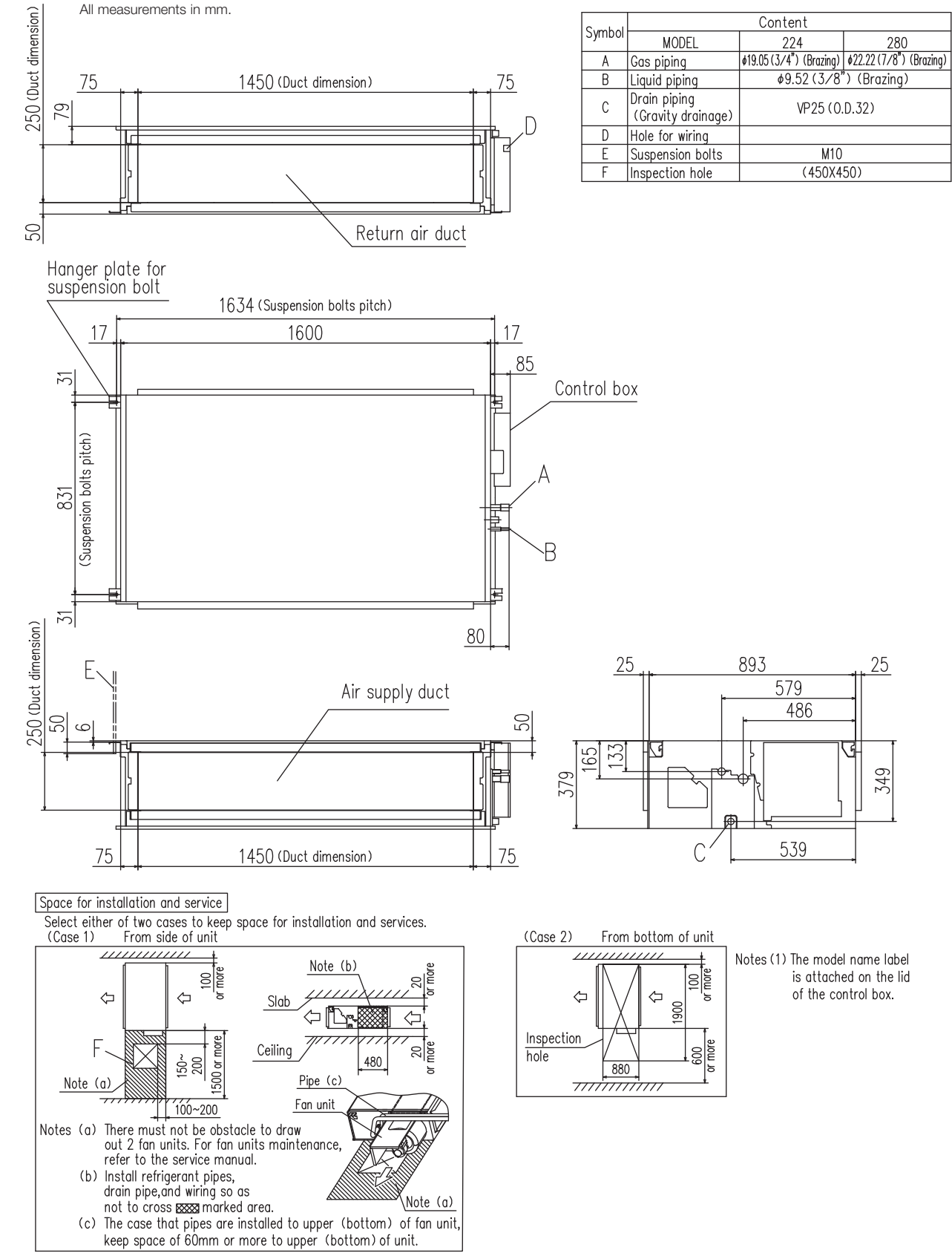
KX Series

FDU112KXE6F-W, 140KXE6F-W, 160KXE6F-W

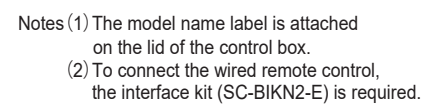


KX Series

FDU224KXZE1, 280KXZE1



SRR25ZS-W, 35ZS-W



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