

VRV 5 S-series

Join us to create
a sustainable future



Lower CO₂ equivalent
and market-leading efficiencies



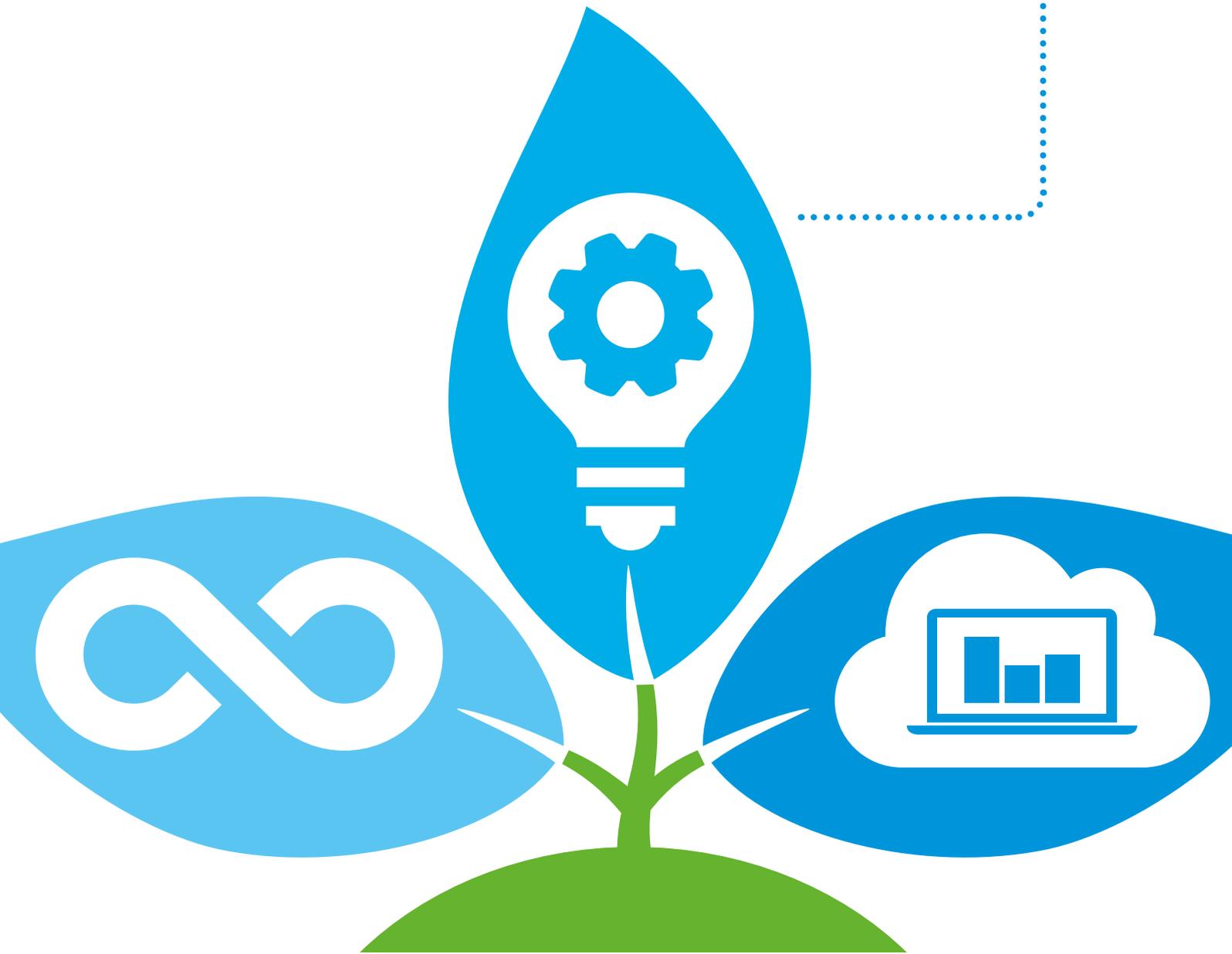
R-32

BLUEVOLUTION

Creating a sustainable future together

Determined to reduce our environmental footprint, we aim to be CO₂-neutral by 2050.
A circular economy, innovation and smart use – these are the stepping stones on our path.

The time to act is now. Join us in creating a sustainable future for HVAC-R.



www.daikin.eu/building-a-circular-economy



INNOVATION



2013

First R-32 split
Ururu Sarara

+



2016

Full range of optimised
Split R-32 units
First R-32 Sky Air

+



2017

Full range of
optimised Sky Air R-32
units Launch
of HFO chillers

+



2018

Launch of
Daikin Altherma
heat pump range
on R-32

+



2020

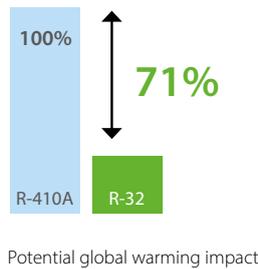
Launch of
VRV 5 on R-32

Continuing our path to lower CO₂ equivalent solutions through innovation

Since the launch of Ururu Sarara in 2013, the first air conditioner to use R-32 refrigerant, we have worked to convert our portfolio to lower GWP refrigerants. The launch of the VRV 5 S-series, a completely newly developed unit specifically for R-32 refrigerant, is the latest evolution.

Advantages of R-32

- › Lower Global Warming Potential (GWP): only 1/3rd of R-410A
- › Lower refrigerant charge: 10% less compared to R-410A
- › Higher energy efficiency
- › Single component refrigerant, easy to handle and recycle

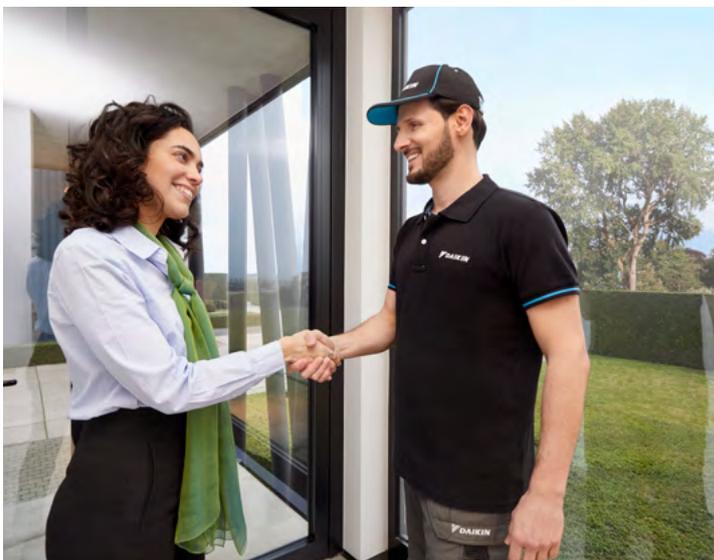


-71%

potential global warming impact

Ahead of the F-gas phase down targets

Thanks to the shift to R-32 we stay ahead of the F-gas regulation phase-down targets. In times where the VRV market is growing fast, this enables us to do our business in a sustainable way, while securing future growth.



With people in mind

- Daikin has the ambition to bring you:
- the most sustainable system;
 - easy and versatile to install;
 - with credible data.



Industry-leading
real life efficiencies

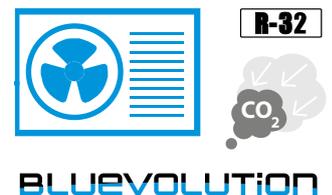
Welcome the next generation of VRV

Lower CO₂ equivalent and market-leading versatility



Top sustainability

- ✓ Reduced CO₂ equivalent thanks to the use of R-32 refrigerant
 - R-32 Global Warming Potential (GWP) is 68% lower than R-410A
 - 10% less refrigerant charge
- ✓ Single component refrigerant, easy to re-use and recycle
- ✓ Top sustainability over the entire lifecycle, thanks to market leading real-life seasonal efficiency



Industry-leading serviceability and handling

- ✓ Low-height single fan range
- ✓ Easy to transport thanks to compact design
- ✓ Wide access area to easily reach all key components





Best-in-class design versatility

- ✓ Like-for-like R-410A installation flexibility
- ✓ Sound pressure down to 39 dB(A) thanks to 5 low sound steps to suit the application
- ✓ Automatic ESP setting up to 45 Pa to allow ducting



Geared for comfort

- ✓ Intuitive online control
- ✓ Variable Refrigerant Temperature for optimal comfort
- ✓ Specially designed new 10 class indoor unit for small, well-insulated rooms



Next generation **VRV**

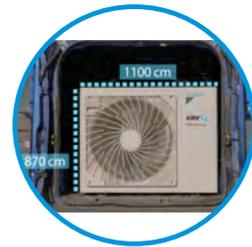


New asymmetric fan design

- › Two high ESP settings
- › Low sound levels



New casing design with 4 handles for easy carrying

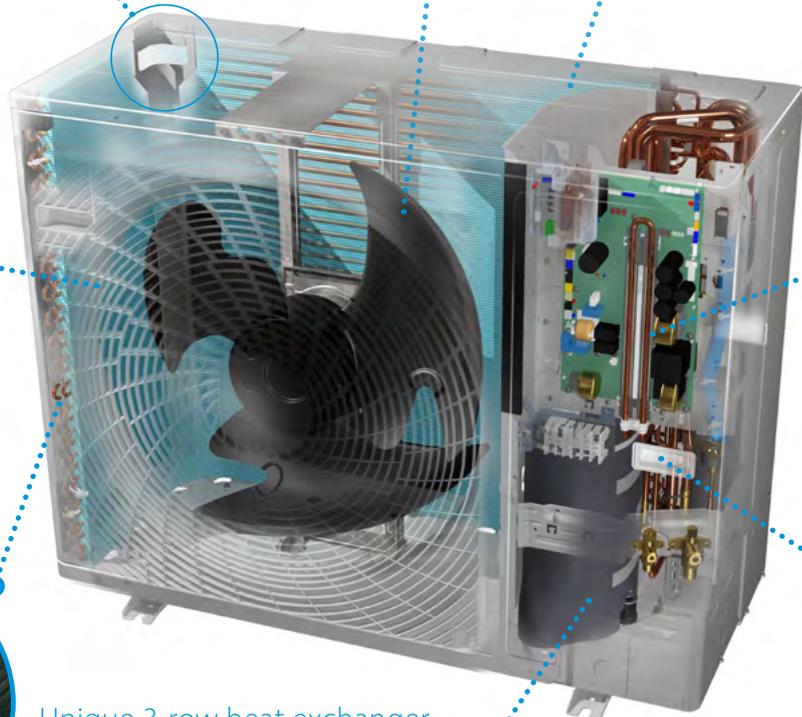


Compact dimensions

- › Easy to transport thanks to compact size and single-fan design

Specially designed grille

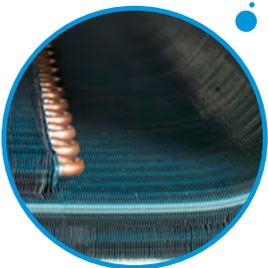
- › Low pressure drop
- › No risk for accidental reach of the fan



Refrigerant cooled PCB

With integrated:

- › cool/heat selector input
- › 7-segment display for quicker and more precise error and setting reading

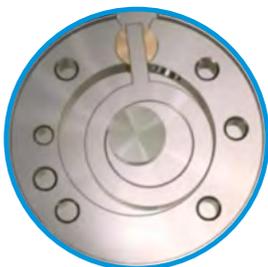


Unique 3-row heat exchanger

- › Contributes to top seasonal efficiency

New stop valves

- › Repositioned to allow front or side connection
- › Brazed for increased reliability



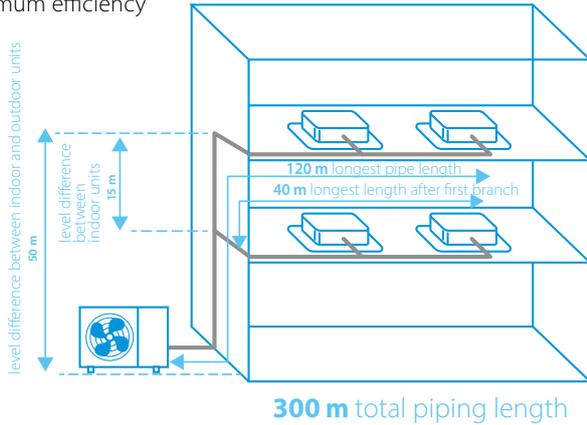
Unique Daikin swing compressor

- › No abrasion possible
- › No refrigerant leak possible
- › High seasonal efficiencies

VRV 5 S-series

Lower CO₂ equivalent and market-leading flexibility

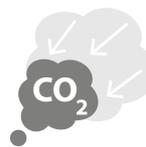
- › Reduced CO₂ equivalent thanks to the use of lower GWP R-32 refrigerant and lower refrigerant charge
- › Top sustainability over the entire lifecycle, thanks to market leading real-life seasonal efficiency
- › Low-height single fan range
- › Easy to transport thanks to lightweight and compact design
- › Wide access area to easily reach all key components
- › Offering like-for-like R-410A flexibility
- › Specially designed indoor units for R-32, ensuring low sound and maximum efficiency



Only **870mm** high!



Access all technical information on RXYSA-AV1/AY1 at my.daikin.eu or click here



Reduced CO₂ equivalent



Like-for-like R-410A installation flexibility



Already fully compliant to LOT 21 - Tier 2

Published data with real-life indoor units

Outdoor unit		RXYSA4AV1	RXYSA5AV1	RXYSA6AV1	RXYSA4AY1	RXYSA5AY1	RXYSA6AY1		
Capacity range	HP	4	5	6	4	5	6		
Cooling capacity	Prated,c kW	12.1	14.0	15.5	12.1	14.0	15.5		
Heating capacity	Prated,h kW	8.4	9.7	10.7	8.4	9.7	10.7		
	Max. 6°CWB kW	14.2	16.0	18.0	14.2	16.0	18.0		
Recommended combination		3xFXSA25 + 1xFXSA32	4xFXSA32	2xFXSA32 + 2xFXSA40	3xFXSA25 + 1xFXSA32	4xFXSA32	2xFXSA32 + 2xFXSA40		
ηs,c	%	324.5	306.1	301.0	312.5	294.8	289.9		
ηs,h	%	200.5	185.7	183.6	193.1	178.8	176.8		
SEER		8.2	7.7	7.6	7.9	7.4	7.3		
SCOP		5.1	4.7	4.7	4.9	4.5	4.5		
Maximum number of connectable indoor units		64 (1)							
Indoor index connection	Min.	50	62.5	70	50	62.5	70		
	Nom.	100	125	140	100	125	140		
	Max.	130	162.5	182	130	162.5	182		
Dimensions	Unit	HeightxWidthxDepth		mm	870x1,100x460				
Weight	Unit			kg	103 / 102				
Sound power level	Cooling	Nom.	dBA	67	68.1	69	67	68.1	69
	Heating	Nom.	dBA	68	69.2	70	68	69.2	70
Sound pressure level	Cooling	Nom.	dBA	49	51	51	49	51	51
	Heating	Nom.	dBA	50	52	52	50	52	52
Operation range	Cooling	Min.~Max.	°CDB	-5.0 ~ 46.0					
	Heating	Min.~Max.	°CWB	-20.0 ~ 15.5					
Refrigerant	Type/GWP	R-32/675							
	Charge	kg/TCO2Eq	3.4 / 2.3						
Piping connections	Liquid	OD	mm	9.52					
	Gas	OD	mm	15.9					
	Total piping length	system	Actual	300					
	Height Difference	OU-IU	Outdoor unit in highest position	m	50				
			Indoor unit in highest position	m	40				
Power supply	Phase/Frequency/Voltage	Hz/V	1~/50/220-240			3~/50/380-415			
Current - 50Hz	Maximum fuse amps (MFA)	A	32			16			

*Note: blue cells contain preliminary data

(1) Actual number of units depends on the indoor unit type and the connection ratio restriction for the system (being 50% <= 130%)

The most comfortable cassette
just got better



New round flow cassette



- › **Bigger louvers** and **new sensor logic** further improves equal air distribution in the room
- › **Widest ever choice in panels** for cassette units, with up to 8 different panels



Black auto cleaning panel



Black designer panel



Full white standard panel



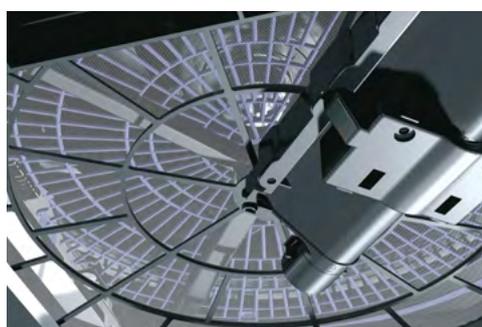
White designer panel

- › Comes with the known benefits: **360° air flow discharge** and **intelligent sensors**



presence sensor
floor sensor

- › **Auto cleaning** panels available in black and white



Auto cleaning filter

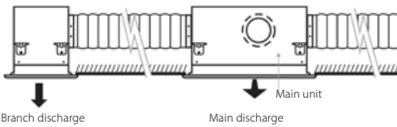
Dust can simply be removed using a vacuum cleaner without opening the unit.

* Available as an option

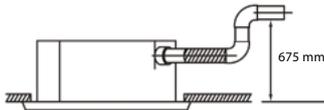
Round flow cassette

360° air discharge for optimum efficiency and comfort

- › Optimised design for R-32 refrigerant
- › Optional automatic filter cleaning results in higher efficiency & comfort and lower maintenance costs.
- › Two optional intelligent sensors improve energy efficiency and comfort
- › Widest choice ever in decoration panels: Designer, standard and autocleaning panels in white (RAL9010) and black (RAL9005)
- › Bigger louvers and unique swing pattern improve equal air distribution
- › Individual louver control: flexibility to suit every room layout without changing the location of the unit!
- › Lowest installation height in the market: 214mm for class 20-63
- › Optional fresh air intake
- › Branch duct discharge allows to optimize air distribution in irregular shaped rooms or to supply air to small adjacent rooms



- › Standard drain pump with 675mm lift increases flexibility and installation speed

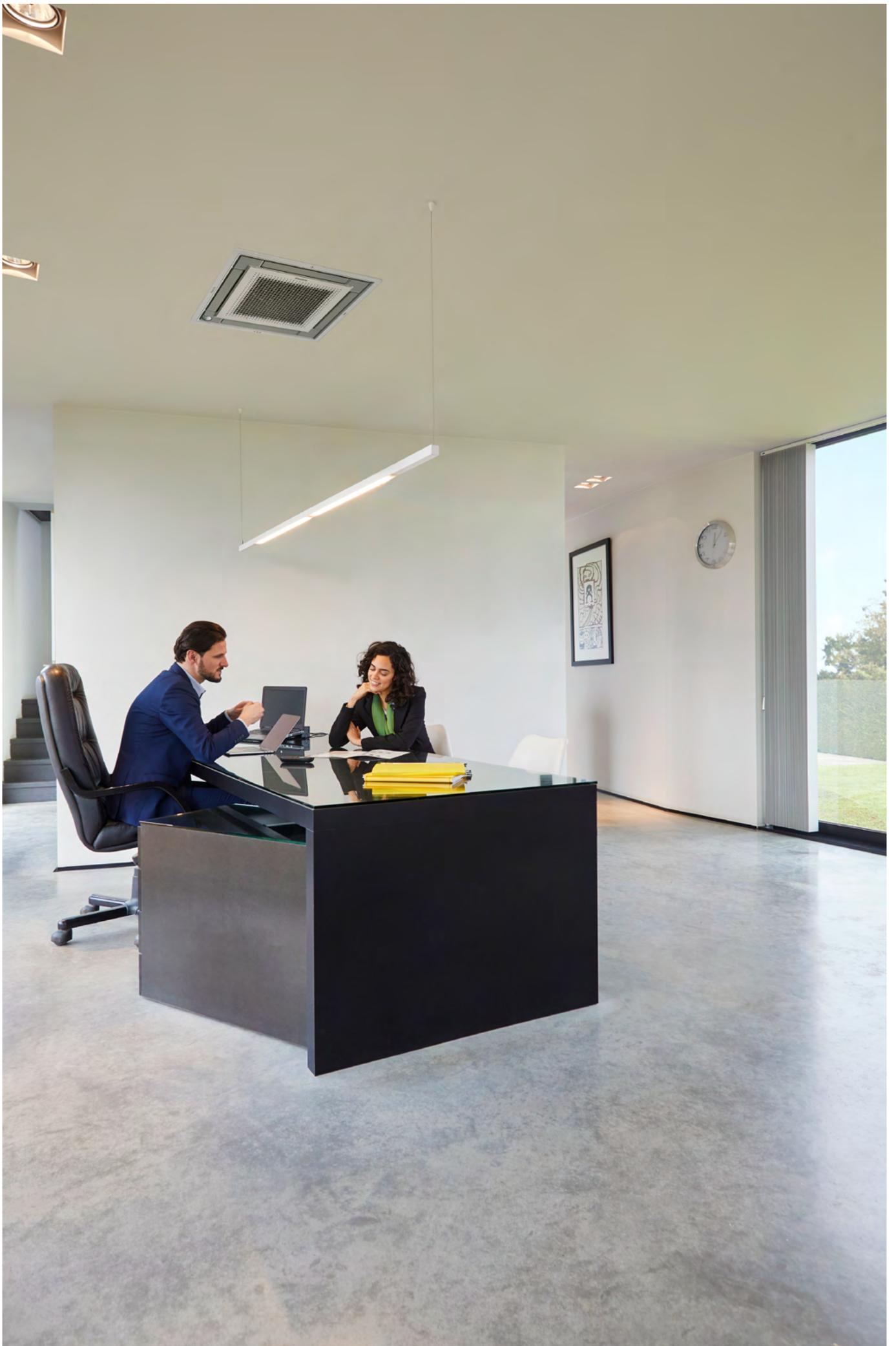


Access all technical information on FXFA-A at my.daikin.eu or click here

Indoor unit			FXFA	20A	25A	32A	40A	50A	63A	80A	100A	125A	
Cooling capacity	Total capacity	Nom.	kW	2.20	2.80	3.60	4.50	5.60	7.10	9.00	11.20	14.00	
	Heating capacity	Total capacity	Nom.	kW	2.5	3.2	4.0	5.0	6.3	8.0	10.0	12.5	16.0
Power input - 50Hz	Cooling	Nom.	kW	0.04			0.05			0.06	0.09	0.12	0.19
	Heating	Nom.	kW	0.04			0.05			0.06	0.09	0.11	0.18
Dimensions	Unit	HeightxWidthxDepth		mm			204x840x840			246x840x840		288x840x840	
Weight	Unit			kg		19		20	21		24	26	
Casing	Material		Galvanised steel plate										
Decoration panel	Model		Standard panels: BYCQ140E - white with grey louvers / BYCQ140EW - full white / BYCQ140EB - black Auto cleaning panels BYCQ140EGF - white / BYCQ140EGFB - black Designer panels: BYCQ140EP - white / BYCQ140EPB - black										
			Standard panels: 50x950x950 / Auto cleaning panels: 130x950x950 / Designer panels: 50x950x950 Standard panels: 5.4 / Auto cleaning panels: 10.3 / Designer panels: 5.4										
Fan	Air flow rate - 50Hz	Cooling	Low/High	m³/min		8.8/12.5		9.5/13.6	10.5/15.0	10.5/16.5	12.4/22.8	12.4/26.5	19.9/33.0
		Heating	Low/High	m³/min		8.8/12.5		9.5/13.6	10.5/15.0	10.5/16.5	12.4/22.8	12.4/26.5	19.9/33.0
Air filter	Type		Resin net										
Sound power level	Cooling	High	dBA		49		51		53	55	60	61	
		Low/Nom./High	dBA		28.0/29.0/31.0		29.0/31.0/33.0		30.0/33.0/35.0	30.0/34.0/38.0	30.0/37.0/43.0	36.0/41.0/45.0	
Sound pressure level	Heating	Low/Nom./High	dBA		28.0/29.0/31.0		29.0/31.0/33.0		30.0/33.0/35.0	30.0/34.0/38.0	30.0/37.0/43.0	36.0/41.0/45.0	
		Type/GWP	R-32 / 675										
Piping connections	Liquid	OD	mm		6.35						9.52		
		Gas	OD	mm		12.70						15.90	
	Drain	VP25 (O.D. 32 / I.D. 25)											
Power supply	Phase/Frequency/Voltage		Hz/V		1~/50/60/220-240/220								
Current - 50Hz	Maximum fuse amps (MFA) (1)		A		16								
Control systems	Infrared remote control		BRC7FA532F (2)										
	Wired remote control		BRC1H52W/S/K										

(1) MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker). For more detailed information on each combination, please refer to the electrical data drawing
(2) Must be combined with Madoka wired remote controller.

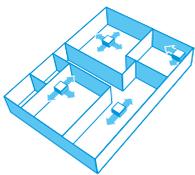
*Note: blue cells contain preliminary data



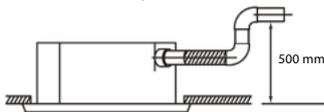
Fully flat cassette

Unique design in the market that integrates fully flat into the ceiling

- › Optimised design for R-32 refrigerant
- › Fully flat integration in standard architectural ceiling tiles, leaving only 8mm
- › Remarkable blend of iconic design and engineering excellence with an elegant finish in white or a combination of silver and white
- › Two optional intelligent sensors improve energy efficiency and comfort
- › 15 class unit especially developed for small or well-insulated rooms, such as hotel bedrooms, small offices, etc.
- › Individual louver control: flexibility to suit every room layout without changing the location of the unit!



- › Optional fresh air intake
- › Standard drain pump with 630mm lift increases flexibility and installation speed



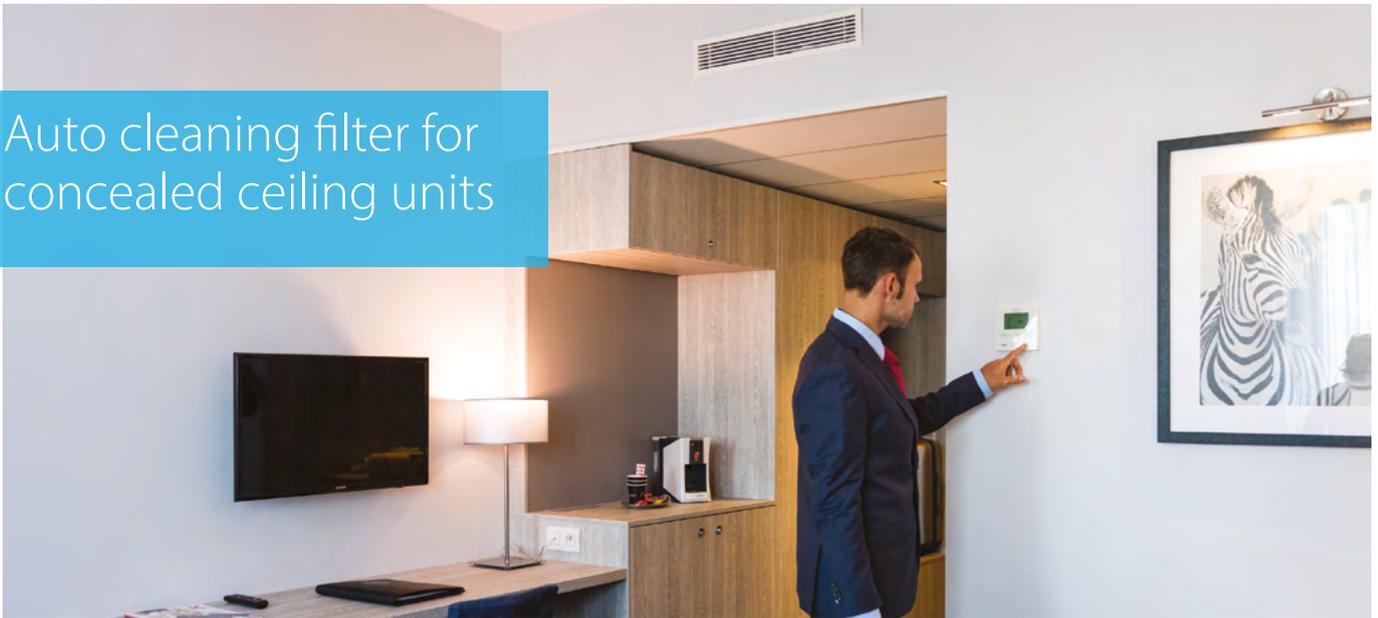
Access all technical information on FXZA-A at my.daikin.eu or click here

Indoor unit				FXZA	15A	20A	25A	32A	40A	50A
Cooling capacity	Total capacity	Nom.	kW	1.70	2.20	2.80	3.60	4.50	5.60	
	Heating capacity	Total capacity	Nom.	1.90	2.50	3.20	4.00	5.00	6.30	
Power input - 50Hz	Cooling	Nom.	kW	0.043			0.045	0.059	0.092	
	Heating	Nom.	kW	0.036			0.038	0.053	0.086	
Dimensions	Unit	HeightxWidthxDepth		mm 260x575x575						
Weight	Unit			15.5			16.5		18.5	
Casing	Material	Galvanised steel plate								
Decoration panel	Model	BYFQ60C2W1W								
	Colour	White (N9.5)								
	Dimensions	HeightxWidthxDepth		mm 46x620x620						
	Weight			kg 2.8						
Decoration panel 2	Model	BYFQ60C2W1S								
	Colour	SILVER								
	Dimensions	HeightxWidthxDepth		mm 46x620x620						
	Weight			kg 2.8						
Decoration panel 3	Model	BYFQ60B2W1								
	Colour	White (RAL9010)								
	Dimensions	HeightxWidthxDepth		mm 55x700x700						
	Weight			kg 2.7						
Decoration panel 4	Model	BYFQ60B3W1								
	Colour	WHITE (RAL9010)								
	Dimensions	HeightxWidthxDepth		mm 55x700x700						
	Weight			kg 2.7						
Fan	Air flow rate - 50Hz	Cooling	Low/High	m ³ /min	6.5/8.5	6.5/8.7	6.5/9.0	7.0/10.0	8.0/11.5	10.0/14.5
		Heating	Low/High	m ³ /min	6.5/8.5	6.5/8.7	6.5/9.0	7.0/10.0	8.0/11.5	10.0/14.5
Air filter	Type	Resin net								
Sound power level	Cooling	High	dBA	49			50	51	54	60
	Sound pressure level	Cooling	Low/Nom./High	dBA	25.5/28.0/31.5	25.5/29.5/32.0	25.5/30.0/33.0	26.0/30.0/33.5	28.0/32.0/37.0	33.0/40.0/43.0
Refrigerant	Type/GWP	Heating	Low/Nom./High	dBA	25.5/28.0/31.5	25.5/29.5/32.0	25.5/30.0/33.0	26.0/30.0/33.5	28.0/32.0/37.0	33.0/40.0/43.0
		R-32 / 675								
Piping connections	Liquid	OD	mm	6.35						
	Gas	OD	mm	12.7						
	Drain	VP20 (I.D. 20/O.D. 26)								
Power supply	Phase/Frequency/Voltage		Hz/V	1~/50/60/220-240/220						
Current - 50Hz	Maximum fuse amps (MFA)		A	16						
Control systems	Infrared remote control		BRC7EB530W (standard panel) / BRC7F530W (white panel) / BRC7F530S (grey panel) (1)							
	Wired remote control		BRC1H52W/S/K							

Dimensions do not include control box
 (1) Must be combined with Madoka wired remote controller.

*Note: blue cells contain preliminary data

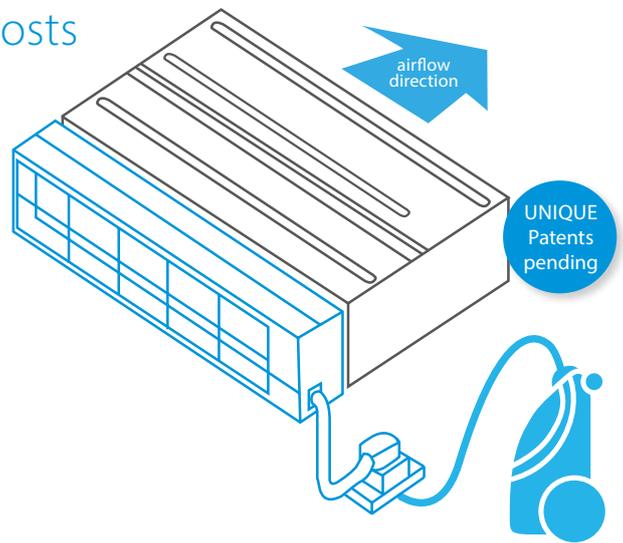
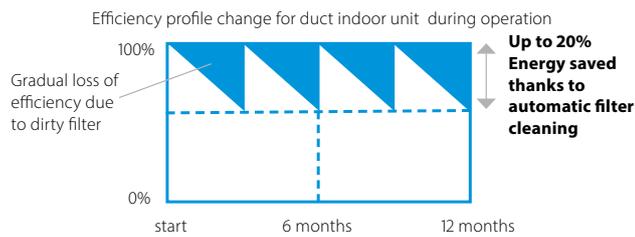
Auto cleaning filter for concealed ceiling units



The unique automatic cleaning filter achieves higher efficiency and comfort with lower maintenance costs

Reduce running costs

- › Automatic filter cleaning ensures low maintenance costs because the filter is always clean



Minimal time required for filter cleaning

- › The dust box can be emptied with a vacuum cleaner for fast and easy cleaning
- › No more dirty ceilings

Improved indoor air quality

- › Optimum airflow eliminates draft and insulates sound

Superb reliability

- › Prevents clogged filters for seamless operation

Unique technology

- › Unique and innovative filter technology inspired by the Daikin auto cleaning cassette



Combination table

	Split / Sky Air				VRV						
	FDXM-F9				FXDA-A/FXDQ-A3						
	25	35	50	60	15	20	25	32	40	50	63
BAE20A62	•	•			•	•	•	•			
BAE20A82									•	•	
BAE20A102			•	•							•

How does it work?

- 1 Scheduled automatic filter cleaning
- 2 Dust collects in a dust box that's integrated into the unit
- 3 The dust can easily be removed with a vacuum cleaner



www.youtube.com/DaikinEurope



Specifications

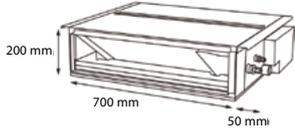
	BAE20A62	BAE20A82	BAE20A102
Height (mm)	210		
Width (mm)	830	1,030	1,230
Depth (mm)	188		

Slim concealed ceiling unit

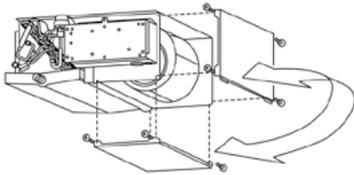
Slim design for flexible installation

- > Optimised design for R-32 refrigerant
- > 10 class unit especially developed for small or well-insulated rooms, such as hotel bedrooms, small offices, etc.
- > Compact dimensions, can easily be mounted in a ceiling void of only 240mm

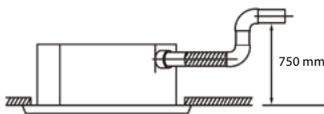
SERIE A (15, 20, 25, 32)



- > Medium external static pressure up to 44Pa facilitates unit use with flexible ducts of varying lengths
- > Discretely concealed in the wall: only the suction and discharge grilles are visible
- > Optional auto cleaning filter option ensures maximum efficiency, comfort and reliability by regular filter cleaning
- > Flexible installation, as the air suction direction can be altered from rear to bottom suction



- > Standard drain pump with 750mm lift increases flexibility and installation speed

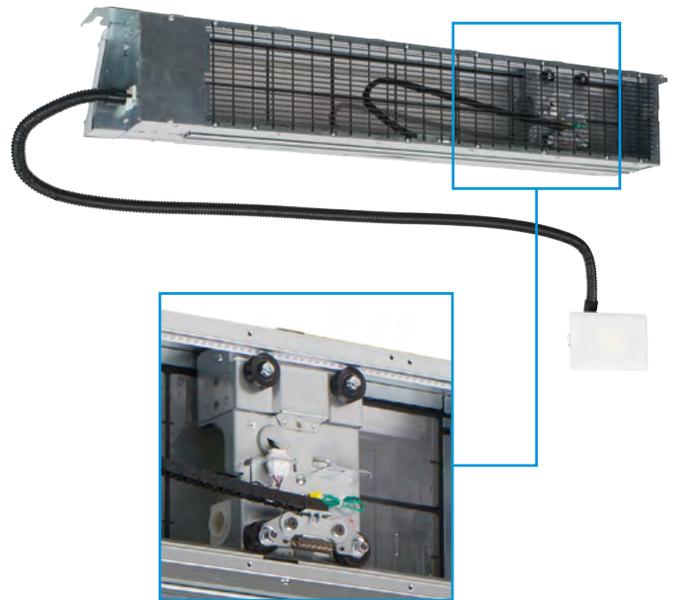


Access all technical information on FXDA-A at my.daikin.eu or click here



Access all technical information on BAE20A at my.daikin.eu or click here

NEW



Auto cleaning filter option

Indoor unit				FXDA	10A	15A	20A	25A	32A	40A	50A	63A
Cooling capacity	Total capacity	Nom.	kW	1.10	1.70	2.20	2.80	3.60	4.50	5.60	7.10	
Heating capacity	Total capacity	Nom.	kW	1.30	1.90	2.50	3.20	4.00	5.00	6.30	8.00	
Power input - 50Hz	Cooling	Nom.	kW	0.062	0.071				0.078	0.099	0.110	
	Heating	Nom.	kW	0.058	0.068				0.075	0.096	0.107	
Required ceiling void >				240								
Dimensions	Unit	HeightxWidthxDepth		200x750x620					200x950x620		200x1150x620	
Weight	Unit			22.5	22.0				26.0		29.0	
Casing	Material			Galvanised steel								
Fan	Air flow rate - 50Hz	Cooling	Low/High	m³/min	4/5.7	6.4/7.5	6.4/8.0		8.5/10.5	10.0/12.5	13.0/16.5	
	External static pressure - 50Hz	Nom./High		Pa	10/30.0						15/44.0	
Air filter	Type			Removable / washable								
Sound power level	Cooling	High		dBA	48	50	51		52	53	54	
	Sound pressure level	Cooling	Low/Nom./High	dBA	24/26/27	27.0/31.0/32.0	27.0/31.0/33.0		28.0/32.0/34.0	29.0/33.0/35.0	30.0/34.0/36.0	
Refrigerant	Type/GWP			R-32 / 675								
Piping connections	Liquid	OD	mm	6.35								9.52
	Gas	OD	mm	12.7								15.9
	Drain				VP20 (I.D. 20/O.D. 26)							
Power supply	Phase/Frequency/Voltage			1~/50/60/220-240/220								
Current - 50Hz	Maximum fuse amps (MFA)			16								
Control systems	Infrared remote control			BRC4C65 / BRC4C66 (1)								
	Wired remote control			BRC1H52W/S/K								

(1) Must be combined with Madoka wired remote controller.

*Note: blue cells contain preliminary data

Concealed ceiling unit with medium ESP

Slimmest yet most powerful medium static pressure unit on the market

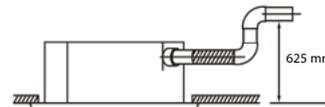
- › Optimised design for R-32 refrigerant
- › Slimmest unit in class, only 245mm (300mm built-in height) and therefore narrow ceiling voids are no longer a challenge



- › Quiet operation: down to 25dBA sound pressure level
- › Medium external static pressure up to 150Pa facilitates using flexible ducts of varying lengths
- › Possibility to change ESP via wired remote control allows optimisation of the supply air volume
- › Discretely concealed in the wall: only the suction and discharge grilles are visible
- › 15 class unit especially developed for small or well-insulated rooms, such as hotel bedrooms, small offices, etc.
- › Optional fresh air intake
- › Flexible installation: air suction direction can be altered from rear to bottom suction and choice between free use or connection to optional suction grilles



- › Standard built-in drain pump with 625mm lift increases flexibility and installation speed

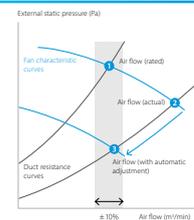


Automatic Airflow Adjustment function

Automatically selects the most appropriate fan curve to achieve the units' nominal air flow within ±10%

Why?

After installation the real ducting will frequently differ from the initially calculated air flow resistance * the real air flow may be much lower or higher than nominal, leading to a lack of capacity or uncomfortable air temperature. Automatic Airflow Adjustment function will adapt the unit's fan speed to any ducting automatically (10 or more fan curves are available on every model), making installation much faster.



Access all technical information on FXSA-A at my.daikin.eu or click here

Indoor unit			FXSA	15A	20A	25A	32A	40A	50A	63A	80A	100A	125A	140A
Cooling capacity	Total capacity	Nom.	kW	1.70	2.20	2.80	3.60	4.50	5.60	7.10	9.00	11.20	14.00	16.00
Heating capacity	Total capacity	Nom.	kW	1.90	2.50	3.20	4.00	5.00	6.30	8.00	10.0	12.5	16.0	18.0
Power input - 50Hz	Cooling	Nom.	kW	0.090			0.096	0.151	0.154	0.188	0.213	0.290	0.331	0.386
	Heating	Nom.	kW	0.086			0.092	0.147	0.150	0.183	0.209	0.285	0.326	0.382
Dimensions	Unit	HeightxWidthxDepth	mm	245x550x800				245x700x800		245x1,000x800		245x1,400x800		245x1,550x800
Weight	Unit		kg	23.5			24.0	28.5	29.0	35.5	36.5	46.0	47.0	51.0
Casing	Material			Galvanised steel plate										
Fan	Air flow rate - 50Hz	Cooling Low/High	m ³ /min	6.5/8.7	6.5/9.0		7.0/9.5	11.0/15.0	11.0/15.2	15.0/21.0	16.0/23.0	23.0/32.0	26.0/36.0	28.0/39.0
		Heating Low/High	m ³ /min	6.5/8.7	6.5/9.0		7.0/9.5	11.0/15.0	11.0/15.2	15.0/21.0	16.0/23.0	23.0/32.0	26.0/36.0	28.0/39.0
		External static pressure - 50Hz	Nom./High	Pa	30/150						40/150		50/150	
Air filter	Type			Resin net										
Sound power level	Cooling	High	dB(A)	54			55	60	59	61		64		
	Heating	Low/Nom./High	dB(A)	25.0/28.0/29.5	25.0/28.0/30.0		26.0/29.0/31.0	29.0/32.0/35.0	27.0/30.0/33.0	29.0/32.0/35.0	30.0/34.0/37.0	31.0/34.0/36.0	33.0/36.0/39.0	34.0/38.0/41.5
Sound pressure level	Cooling	Low/Nom./High	dB(A)	26.0/29.0/31.5	26.0/29.0/32.0		27.0/30.0/33.0	29.0/34.0/37.0	28.0/32.0/35.0	30.0/34.0/37.0	31.0/34.0/37.0	33.0/37.0/40.0	34.0/38.5/42.0	
	Heating	Low/Nom./High	dB(A)	26.0/29.0/31.5	26.0/29.0/32.0		27.0/30.0/33.0	29.0/34.0/37.0	28.0/32.0/35.0	30.0/34.0/37.0	31.0/34.0/37.0	33.0/37.0/40.0	34.0/38.5/42.0	
Refrigerant	Type/GWP			R-32 / 675										
Piping connections	Liquid	OD	mm	6.35						9.52				
	Gas	OD	mm	12.7						15.9				
	Drain			VP20 (I.D. 20/O.D. 26), drain height 625 mm										
Power supply	Phase/Frequency/Voltage	Hz/V	1~/50/60/220-240/220											
Current - 50Hz	Maximum fuse amps (MFA)	A	16											
Control systems	Infrared remote control		BRC4C65 (1)											
	Wired remote control		BRC1H52W/S/K											

(1) Must be combined with Madoka wired remote controller.

*Note: blue cells contain preliminary data

Wall mounted unit

For rooms with no false ceilings nor free floor space

- › Optimised design for R-32 refrigerant
- › Flat, stylish front panel blends easily within any interior décor and is easier to clean
- › Can easily be installed in both new and refurbishment projects
- › The air is comfortably spread up- and downwards thanks to 5 different discharge angles that can be programmed via the remote control
- › Maintenance operations can be performed easily from the front of the unit



Access all technical information on FXAA-A at my.daikin.eu or click here

Indoor unit			FXAQ	15A	20A	25A	32A	40A	50A	63A
Cooling capacity	Total capacity	Nom.	kW	1.7	2.2	2.8	3.6	4.5	5.6	7.1
Heating capacity	Total capacity	Nom.	kW	1.9	2.5	3.2	4.0	5.0	6.3	8.0
Power input - 50Hz	Cooling	Nom.	kW	0.02		0.03		0.02	0.03	0.05
	Heating	Nom.	kW	0.03			0.04	0.02	0.04	0.06
Dimensions	Unit	HeightxWidthxDepth	mm	290x795x266				290x1,050x269		
Weight	Unit		kg	12				15		
Fan	Air flow rate - 50Hz	Cooling Low/High	m ³ /min	7.0/8.4	7.0/9.1	7.0/9.4	7.0/9.8	9.7/12.2	11.5/14.4	13.5/18.3
Air filter	Type			Washable resin net						
Sound power level	Cooling	High	dB(A)	51.0	52.0	53.0	55.0	58.0	63.0	
Sound pressure level	Cooling	Low/High	dB(A)	28.5/32.0	28.5/33.0	28.5/35.0	28.5/37.5	33.5/37.0	35.5/41.0	38.5/46.5
	Heating	Low/High	dB(A)	28.5/33.0	28.5/34.0	28.5/36.0	28.5/38.5	33.5/38.0	35.5/42.0	38.5/47.0
Refrigerant	Type/GWP			R-32 / 675						
Piping connections	Liquid	OD	mm					6.35	9.52	
	Gas	OD	mm					12.7	15.9	
	Drain			VP13 (I.D. 15/O.D. 18)						
Power supply	Phase/Frequency/Voltage	Hz/V		1~/50/220-240						
Current - 50Hz	Maximum fuse amps (MFA)	A		16						
Control systems	Infrared remote control			BRC7EA628 / BRC7EA629 (1)						
	Wired remote control			BRC1H52W/S/K						

(1) Must be combined with Madoka wired remote controller.

*Note: blue cells contain preliminary data

VRV 5 outdoor unit overview

Model	Product name	Capacity class (kW)			
		4	5	6	
Air-cooled heat pump UNIQUE VRV 5 S-series Lower CO2 equivalent and market-leading flexibility > Compact single fan design saves space and is easy to install > Market-leading serviceability and handling > Reduced CO2 equivalent thanks to the use of lower GWP R-32 refrigerant and lower refrigerant charge > Offering like-for-like R-410A flexibility	RXYSA-AV1 / AY1 	1~	●	●	●
		3~	●	●	●



VRV 5 indoor unit overview

Type Model	Product name	Capacity class (kW)												
		10	15	20	25	32	40	50	63	71	80	100	125	140
Ceiling mounted cassette UNIQUE Round flow cassette 360° air discharge for optimum efficiency and comfort > Auto cleaning function ensures high efficiency > Intelligent sensors save energy and maximize comfort > Flexibility to suit every room layout > Lowest installation height in the market! > Widest choice ever in decoration panel designs and colors	ROUND FLOW FXFA-A 			●	●	●	●	●	●	●	●	●	●	●
	UNIQUE Fully flat cassette Unique design that integrates fully flat into the ceiling > Perfect integration in standard architectural ceiling tiles > Blend of iconic design and engineering excellence > Intelligent sensors save energy and maximize comfort > Small capacity unit developed for small or well-insulated rooms > Flexibility to suit every room layout	FXZA-A 		●	●	●	●	●	●					
Concealed ceiling Slim concealed ceiling unit Slim design for flexible installation > Compact dimensions enable installation in narrow ceiling voids > Medium external static pressure up to 44Pa > Only grilles are visible > Small capacity unit developed for small of well-insulated rooms > Reduced energy consumption thanks to DC fan motor	FXDA-A 		●	●	●	●	●	●	●	●				
	Concealed ceiling unit with medium ESP Slimmest yet most powerful medium static pressure unit on the market! > Slimmest unit in class, only 245mm > Low operating sound level > Medium external static pressure up to 150Pa facilitates using flexible ducts of varying lengths > Automatic air flow adjustment function measures the air volume and static pressure and adjusts it towards the nominal air flow, guaranteeing comfort	FXSA-A 		●	●	●	●	●	●	●	●	●	●	
Wall mounted Wall mounted unit For rooms with no false ceilings nor free floor space > Flat, stylish front panel is more easy to clean > Small capacity unit developed for small of well-insulated rooms > Reduced energy consumption thanks to DC fan motor > The air is comfortably spread up- and downwards thanks to 5 different discharge angles	FXAA-A 		●	●	●	●	●	●	●					
Cooling capacity (kW) ¹		1.1	1.7	2.2	2.8	3.6	4.5	5.6	7.1	8.0	9.0	11.2	14.0	16.0
Heating capacity (kW) ²		1.3	1.9	2.5	3.2	4.0	5.0	6.3	8.0	9.0	10.0	12.5	16.0	18.0

Black and designer panels

Auto cleaning filter option

(1) Nominal cooling capacities are based on: indoor temperature: 27°CDB, 19°CWB, outdoor temperature: 35°CDB, equivalent refrigerant piping: 5m, level difference: 0m
 (2) Nominal heating capacities are based on: indoor temperature: 20°CDB, outdoor temperature: 7°CDB, 6°CWB, equivalent refrigerant piping: 5m, level difference: 0m



VRV 5 indoor unit benefit overview

			Ceiling mounted cassette units		Concealed ceiling units		Wall mounted unit	
			FXFA-A	FXZA-A	FXDA-A	FXSA-A	FXAA-A	
We care	Home leave operation	During absence, indoor comfort levels can be maintained	●	●	●	●	●	
	Fan only	The air conditioner can be used as fan, blowing air without cooling or heating	●	●	●	●	●	
	Auto cleaning filter	The filter automatically cleans itself. Simplicity of upkeep means optimum energy efficiency and maximum comfort without the need for expensive or time-consuming maintenance	● (optional)		● (optional)			
	Floor and presence sensor	The presence sensor directs the air away from any person detected in the room. The floor sensor detects the average floor temperature and ensures an even temperature distribution between ceiling and floor	●	●				
Comfort	Draught prevention	When starting to warm up or when the thermostat is off, the air discharge direction is set horizontally and the fan to low speed, to prevent draught. After warming up, air discharge and fan speed are set as desired	●	●				
	Whisper quiet	Daikin indoor units are whisper quiet. Also the outdoor units are guaranteed not to disturb the quiet of the neighbourhood	●	●	●	●		
	Auto cooling-heating changeover	Automatically selects cooling or heating mode to achieve the set temperature	●	●	●	●	●	
Air treatment	Air filter	Removes airborne dust particles to ensure a steady supply of clean air	G1 F8 (optional)	G1	●	G1 F8 (optional)	●	
Humidity control	Dry programme	Allows humidity levels to be reduced without variations in room temperature	●	●	●	●	●	
Air flow	Ceiling soiling prevention	The air discharge of the indoor unit is specially designed to prevent air being blown against the ceiling to prevent ceiling stains	●	●				
	Vertical auto swing	Possibility to select automatic vertical moving of the air discharge louvre, for uniform air flow and temperature distribution	●	●			●	
	Fan speed steps	Multiple fan speeds to select, to optimize comfort levels	3 + auto	3 + auto	3	3 + auto	2	
	Individual louver control	Individual louver control via the wired remote controller makes it simple to fix the position of each louver individually, to suit any new room configuration. Optional closure kits are available as well	●	●				
Remote control & timer	Online Controller NEW	Can control and monitor the status of your Daikin heating or air conditioning system	●	●	●	●	●	
	Weekly timer	Timer can be set to start and stop operation anytime on a daily or weekly basis	●	●	●	●	●	
	Infrared remote control	Infrared remote control with LCD to remotely control your indoor unit	● (1)	● (1)	● (1)	● (1)	● (1)	
	Wired remote control	Wired remote control to remotely control your indoor unit	Only connectable to new BRC1H52W/S/K					●
	Centralised control	Centralised control to control several indoor units from one single point	●	●	●	●	●	
Other functions	Auto-restart	The unit restarts automatically at the original settings after power failure	●	●	●	●	●	
	Self-diagnosis	Simplifies maintenance by indicating system faults or operating anomalies	●	●	●	●	●	
	Drain pump kit	Facilitates condensation draining from the indoor unit	Standard	Standard	Standard	Standard	Optional	
	Multi tenant	The indoor unit's main power supply can be turned off when leaving the building or for servicing purposes	●	●	●	●	●	

(1) Must be combined with Madoka wired remote controller

Did you know ...

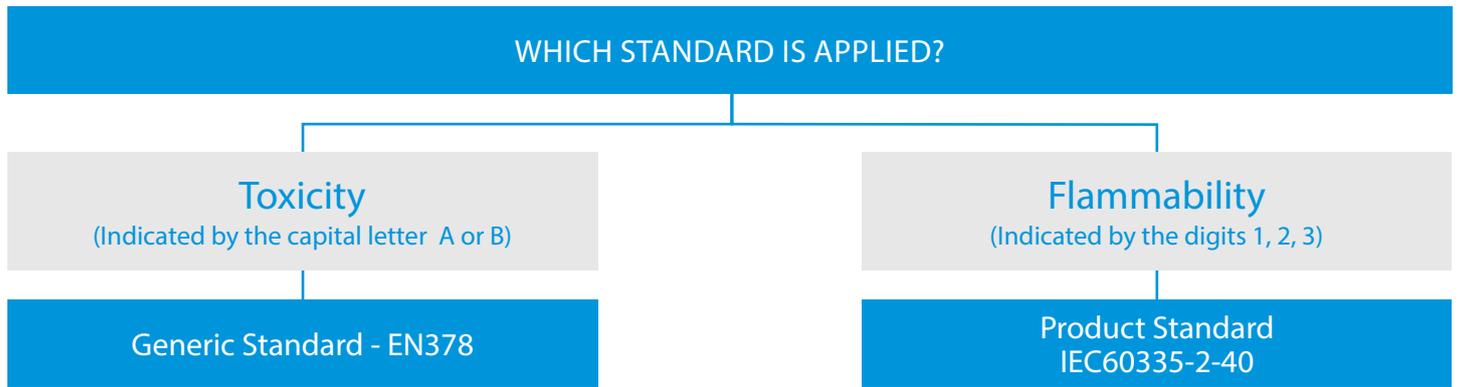
different standards regarding F-gas safety regulations exist?

Why are different standards applied?

Two different standards exist to cover the safety regulations for R-32:

- > A general standard on refrigerants: EN378
- > A specific product standard for heat pumps: IEC60335-2-40

EN378 states that if a specific product standard tackles the topic, it prevails over the generic standard. Therefore flammability is covered by IEC60335-2-40.

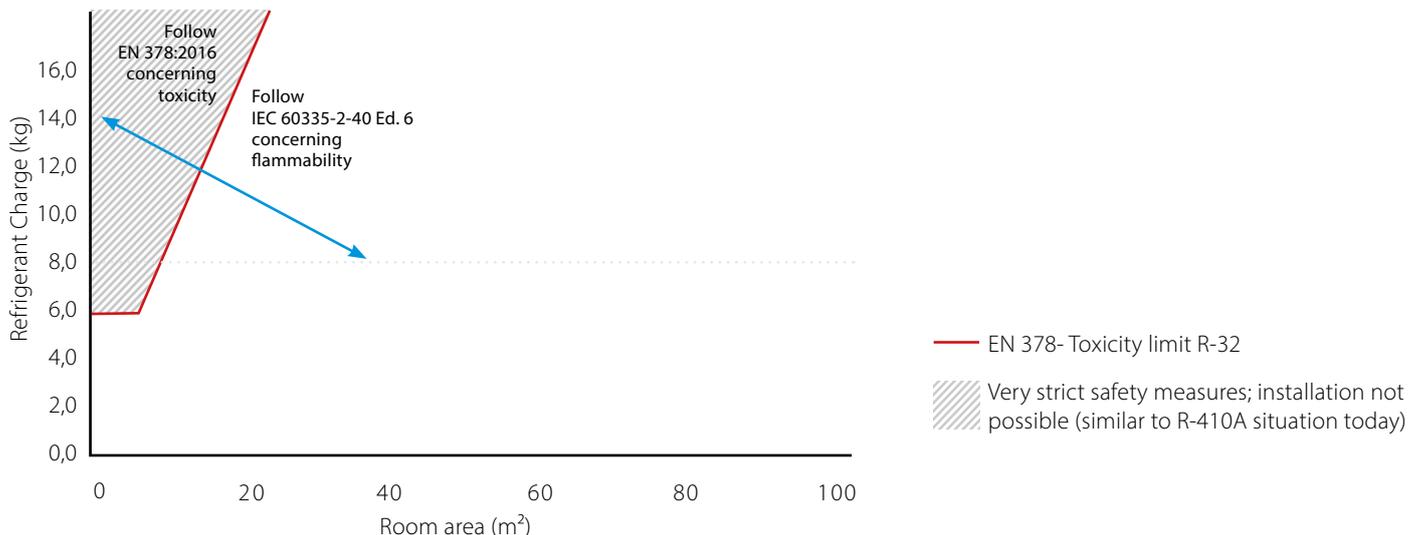


As a result of the combined standard the refrigerant classification is:

		Toxicity	
		Lower	Higher
Flammability	No flame Propagation	A1	B1
	Lower flammability	A2L* R-32	B2L*
	Higher flammability	A2	B2
	Higher flammability	A3	B3

*A2L and B2L are lower flammability refrigerants with a maximum burning velocity of ≤ 10 cm/s

Overview of room area limitation by EN378 and IEC60335-2-40 Ed. 6



What to take into account

in terms of safety measures for R-32?

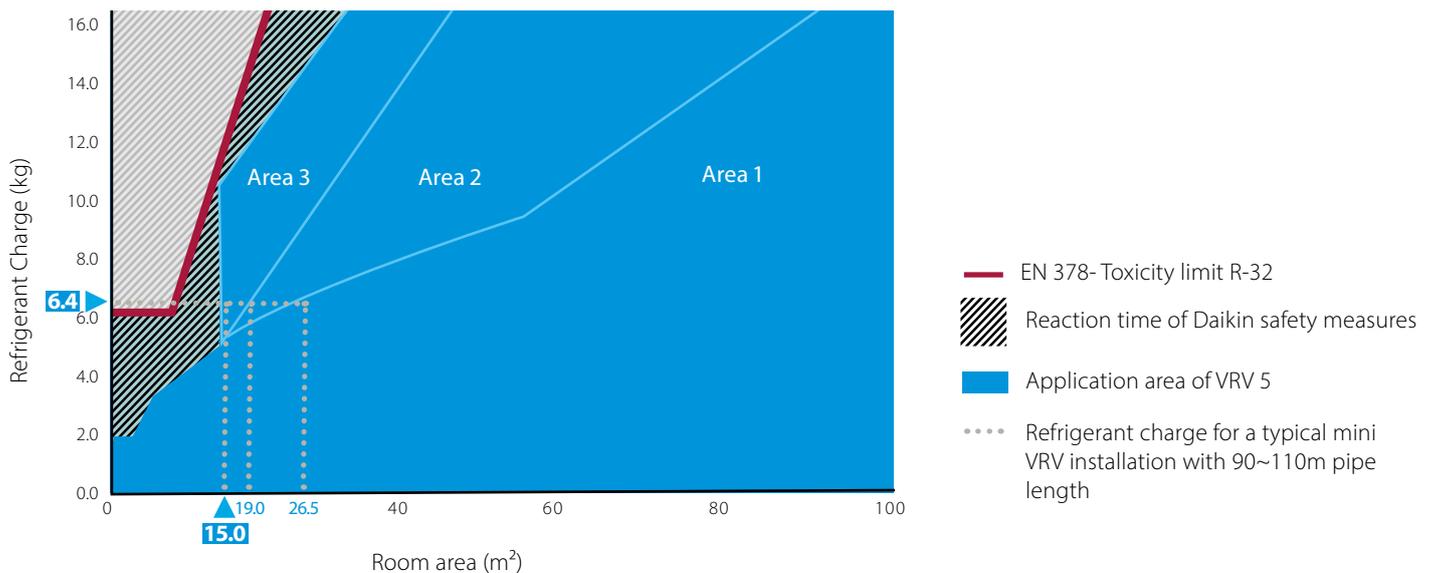
Toxicity

- › Although both R-410A and R-32 are classified as 'A' in EN378-1:2016 the toxicity limit is slightly different: 0.30 kg/m³ for R-32 vs 0,44kg/m³ for R-410A.
- › On the other hand the refrigerant charge for R-32 is lower **resulting in only a small change of room area limitation**

Flammability

- › In the product standard IEC60335-2-40 there are 3 area's specified.
- › **Area 1:** No safety measures needed:
 - Typically split and Sky Air systems fall in this area thanks to very low refrigerant charges.
 - A typical mini VRV installation would require a minimum room size of **26.5m²**
- › **Area 2:** 1 safety measure:
 - Enlarges the usable area, however new built offices or hotels with **small rooms remain a problem**
 - A typical mini VRV installation would require a minimum room size of **19.0m²**
- › **Area 3:** 2 safety measures:
 - The Daikin way, enabling to **use the VRV system to it's full potential**, with a minimum room size down to **15.0m²**

Overview of application area's in function of applied safety measures under IEC 60335-2-40 Ed.6 , considering units are installed at minium 2.2m high



Possible safety measures towards flammability

- › Manufacturers have the choice to implement zero, one or two safety measures , as indicated in the graph above
- › 3 types of safety measures are allowed:
 - Ventilation (natural or mechanical)
 - Shut-off valves
 - Alarm (local and maybe central)

The most flexible solution by Daikin

- › The most flexible solution: two safety measures, system integrated
 - No additional costs or calculations needed to implement safety measures in the field
 - No hassle or additional time needed when installing
 - No risk in errors thanks to Xpress selection software
- › Third party tested and approved

Technical drawings

Outdoor units

RXYSA-AV1/AY1 21

FXFA-A 24

FXZA-A 26

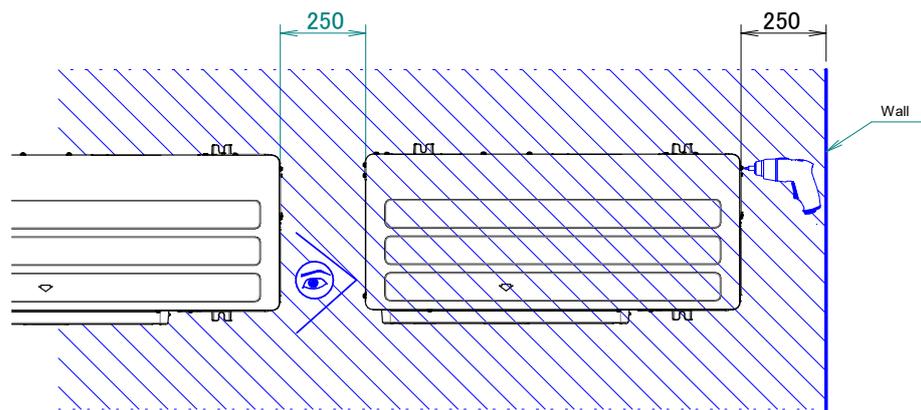
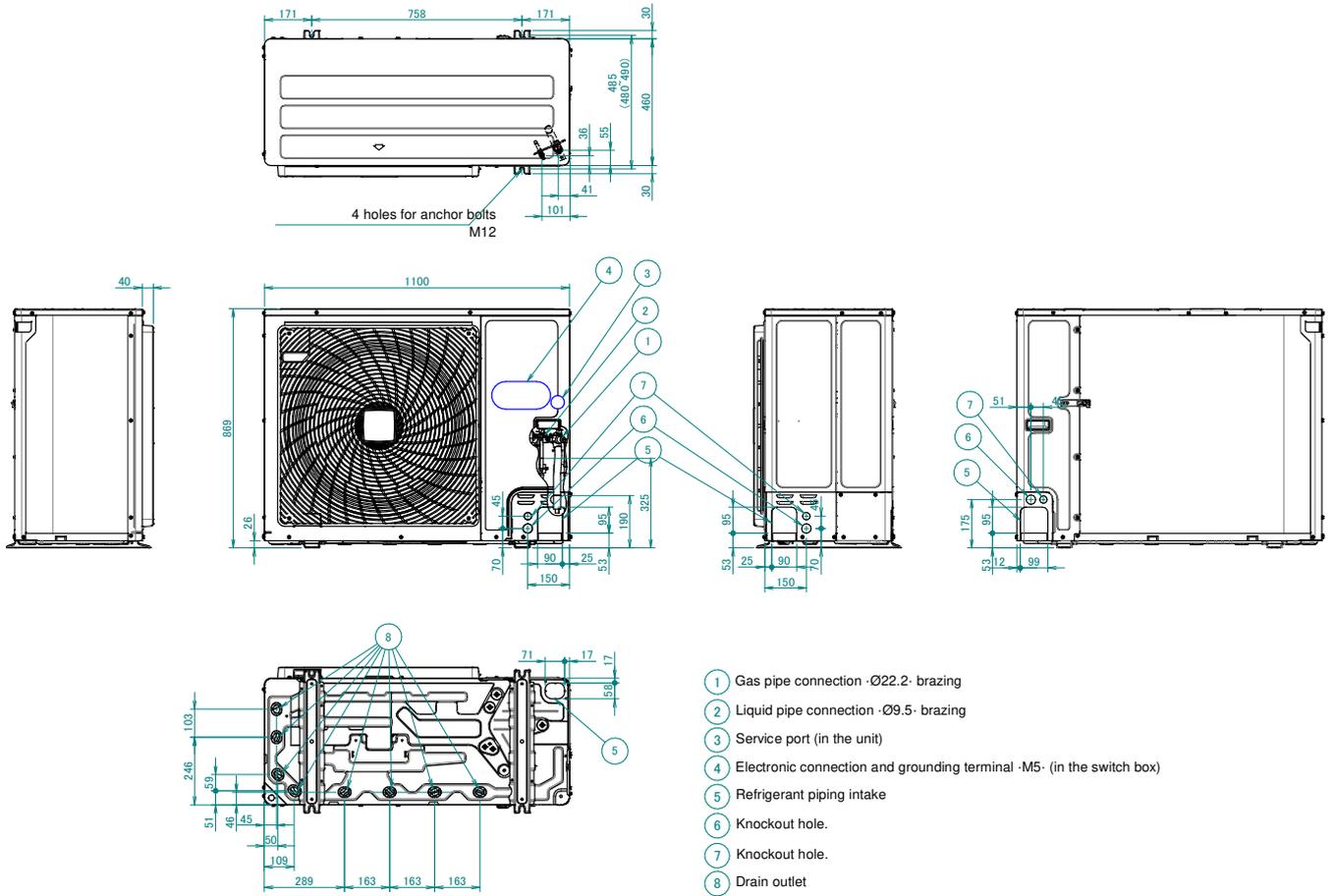
FXDA-A 27

FXSA-A 29

FXAA-A 32



RXYSA-AV1/AY1



* For optimal serviceability, provide ≥ 250 -mm of free space.
 For more installation and service space guidelines, see drawing ·3D069554·.

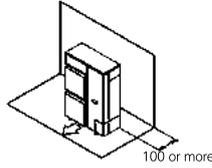
Installation service space

The measure of these values is "mm".

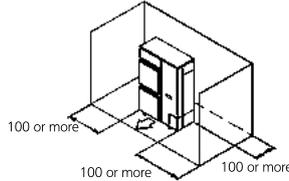
(A) When there are obstacles on suction sides.

● **No obstacle above**

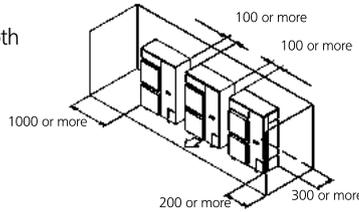
- ① Stand-alone installation
 - Obstacle on the suction side only



- Obstacle on both sides and suction side, too

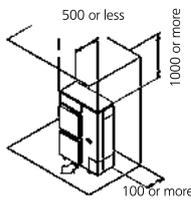


- ② Series installation (2 or more) (Note 1)
 - Obstacle on the suction side and both sides

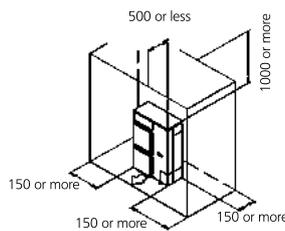


● **Obstacle above, too.**

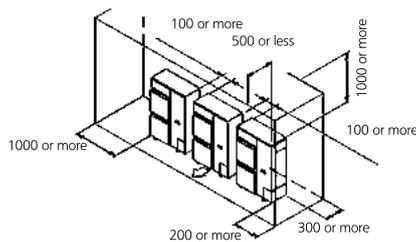
- ① Stand-alone installation
 - Obstacle on the suction side, too



- Obstacle on both sides and suction side, too



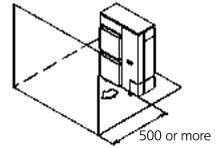
- ② Series installation (2 or more) (Note 1)
 - Obstacle on the suction side and both sides



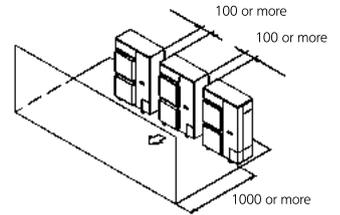
(B) When there are obstacles on discharge sides.

● **No obstacle above**

- ① Stand-alone installation
 - Obstacle on the discharge side only

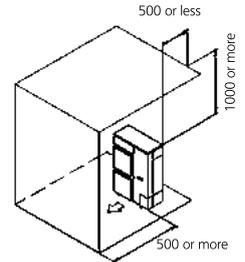


- ② Series installation (2 or more) (Note 1)
 - Obstacle on the discharge side only

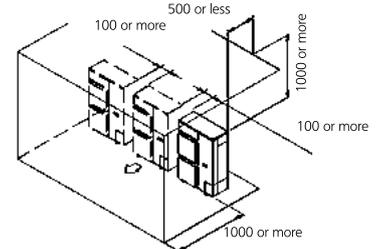


● **Obstacle above, too**

- ① Stand-alone installation
 - Obstacle on the discharge side only, too



- ② Series installation (2 or more) (Note 1)
 - Obstacle on the discharge side



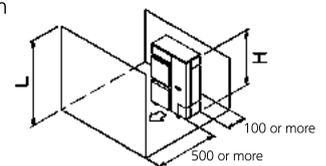
(C) When there are obstacles on both suction and discharge sides.:

Pattern 1

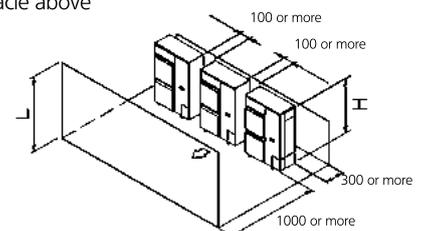
When the obstacles on the discharge side is higher than the unit. (L>H)
(There is no limit for the height of obstructions on the suction side.)

● **No obstacle above**

- ① Stand-alone installation
 - No obstacle above



- ② Series installation (2 or more) (Note 1)
 - No obstacle above



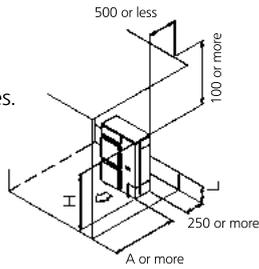
● Obstacle above, too

① Stand-alone installation (Note 2)

- When there are obstacles on suction, discharge and top sides.

The relations between H, A and L are as follows.

	L	A
$L \leq H$	$L \leq 1/2 H$	750 or more
	$1/2 H < L \leq H$	1000 or more
$L > H$	Set the stand as : $L \leq H$ Refer to the column of $L \leq H$ for A	



② Series installation (2 or more) (Note 1, 2)

- When there are obstacles on suction, discharge and top sides.

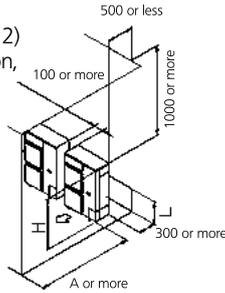
The relations between H, A and L are as follows.

	L	A
$L \leq H$	$L \leq 1/2 H$	1000 or more
	$1/2 H < L \leq H$	1250 or more
$L > H$	Set the stand as : $L \leq H$ Refer to the column of $L \leq H$ for A	

Limit of series installation is 2 units.

Pattern 2

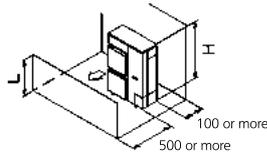
When the obstacle on the discharge side is lower than the unit ($L \leq H$) (There is no limit for the height of obstructions on the suction side.)



● No obstacle above

① Stand-alone installation

- No obstacle above

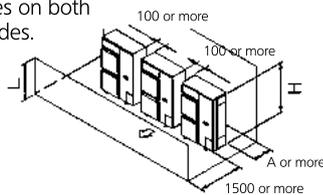


② Series installation (2 or more) (Note 1, 2)

- When there are obstacles on both suction and discharge sides.

The relations between H, A and L are as follows.

	L	A
$L \leq 1/2 H$		250 or more
$1/2 H < L \leq H$		300 or more



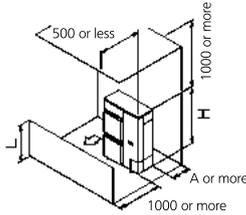
● obstacle above

① Stand-alone installation (Note 2)

- When there are obstacles on suction, discharge and top sides.

The relations between H, A and L are as follows.

	L	A
$L \leq H$	$L \leq 1/2 H$	100 or more
	$1/2 H < L \leq H$	200 or more
$L > H$	Set the stand as : $L \leq H$ Refer to the column of $L \leq H$ for A	



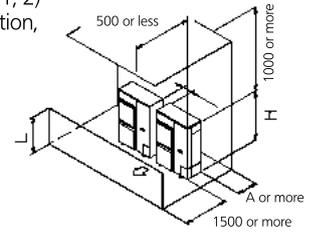
② Series installation (2 or more) (Note 1, 2)

- When there are obstacles on suction, discharge and top sides.

The relations between H, A and L are as follows.

	L	A
$L \leq H$	$L \leq 1/2 H$	250 or more
	$1/2 H < L \leq H$	300 or more
$L > H$	Set the stand as : $L \leq H$ Refer to the column of $L \leq H$ for A	

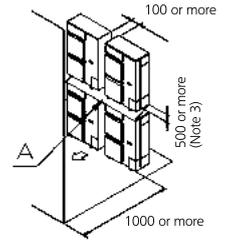
Limit of series installation is 2 units.



(D) Double-decker installation

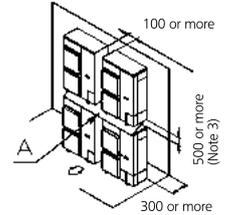
① Obstacle on the discharge side. (1)

- Do not exceed two levels for stacked installation.
- Install a roof cover similar to A (field supply), as outdoor units with downward drainage are prone to dripping and freezing.
- Install the upper-level outdoor unit so that its bottom plate is a sufficient height above the roof cover. This is to prevent the buildup of ice on the underside of the bottom plate.



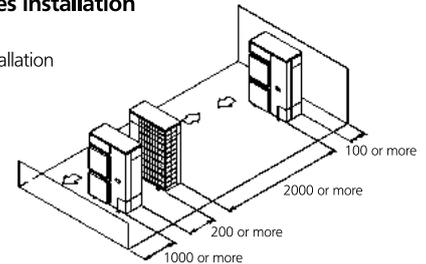
② Obstacle on the suction side. (1)

- Do not exceed two levels for stacked installation.
- Install a roof cover similar to A (field supply), as outdoor units with downward drainage are prone to dripping and freezing.
- Install the upper-level outdoor unit so that its bottom plate is a sufficient height above the roof cover. This is to prevent the buildup of ice on the underside of the bottom plate.



(E) Multiple rows of series installation (on the rooftop, etc.)

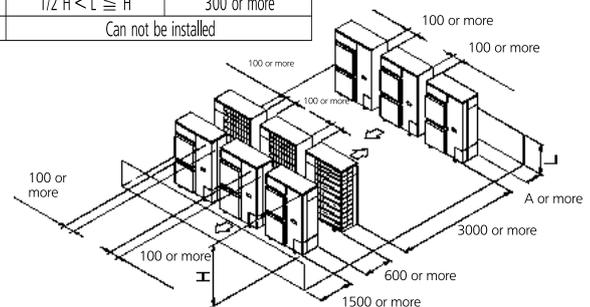
① One row of stand-alone installation



② Rows of series installation (2 or more)

The relations between H, A and L are as follows.

	L	A
$L \leq H$	$L \leq 1/2 H$	250 or more
	$1/2 H < L \leq H$	300 or more
$L > H$	Can not be installed	



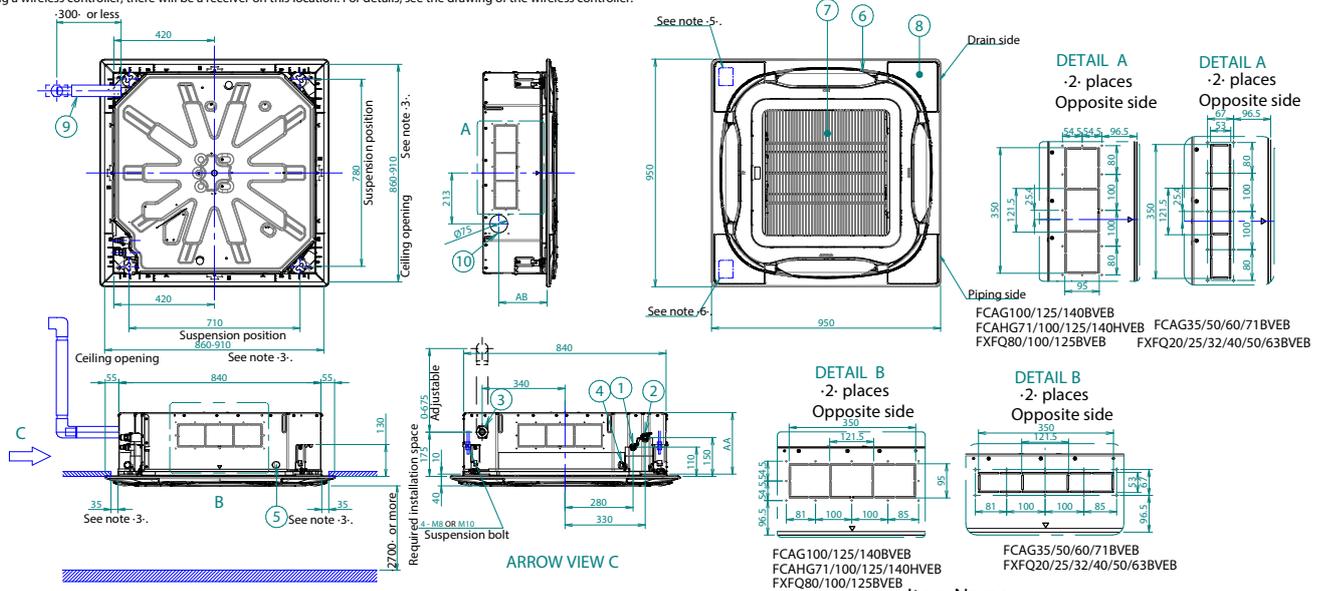
NOTES

- 1 In case of the sideways's piping, make a 100mm gap between the unit above.
- 2 Close the bottom of the installation frame to prevent the discharged air from being bypassed.
- 3 It is not necessary to install a roof cover if there is no danger of drainage dripping and freezing. In this case, the space between the upper and lower outdoor units should be at least 100mm. Close off the gap between the upper and lower units so there is no re intake of discharged air.

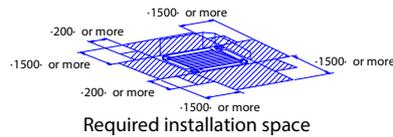
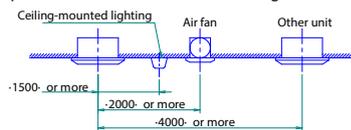
FXFA-A WITH STANDARD PANEL

Notes

1. Location of nameplate
The unit nameplate is located on the control box cover.
The decoration panel nameplate is located on the piping-side panel frame, under the corner cover.
2. When installing optional accessories, refer to their respective documentation.
3. Make sure the distance between the ceiling and the cassette does not exceed 35-mm.
The maximum ceiling opening is 910-mm.
4. When the conditions in the ceiling exceed 30°C ambient temperature and 80% relative humidity, or when fresh air is inducted into the ceiling, additional insulation is required (polyethylene foam, thickness ≥10-mm)
5. When installing a sensor kit, there will be a sensor on this location. For details, see the drawing of the sensor kit.
6. When installing a wireless controller, there will be a receiver on this location. For details, see the drawing of the wireless controller.



Respect the distances shown on the figure.



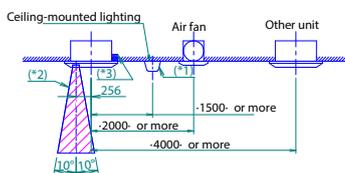
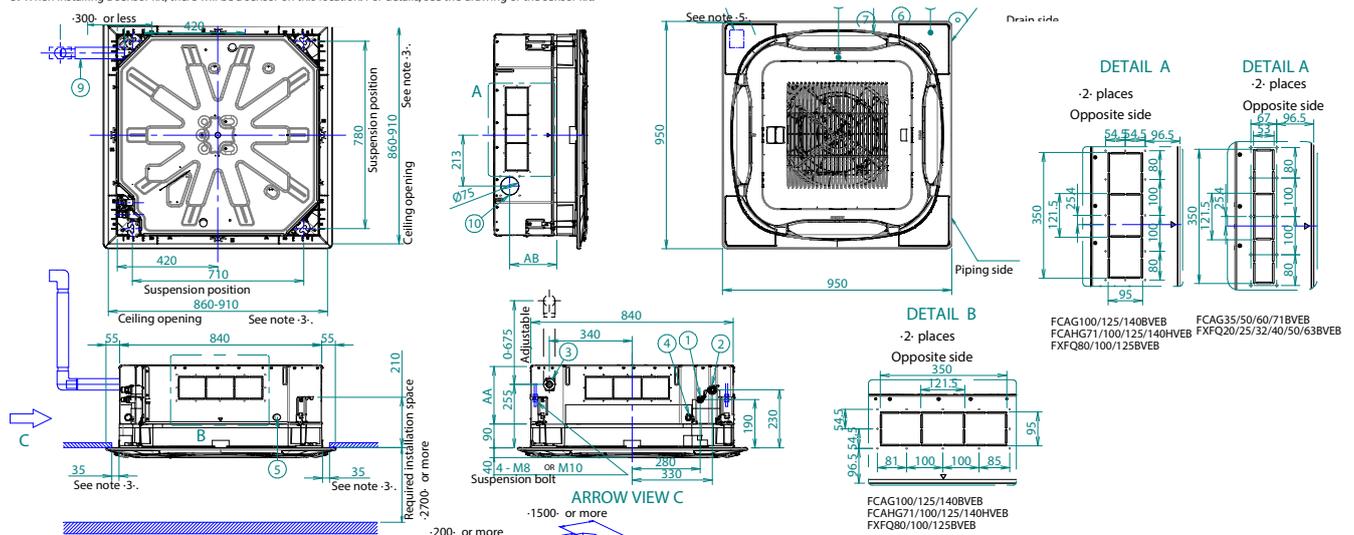
Item Name

- 1 Liquid pipe connection port
- 2 Gas pipe connection port
- 3 Drain pipe connection
- 4 Power supply wiring intake
- 5 Transmission wiring intake hole
- 6 Air discharge outlet
- 7 Air suction grille
- 8 Corner decoration cover
- 9 Drain hose
- 10 Knockout hole.

FXFA-A WITH AUTO CLEANING PANEL

Notes

1. Location of nameplate
The unit nameplate is located on the control box cover.
The decoration panel nameplate is located on the piping-side panel frame, under the corner cover.
2. When installing optional accessories, refer to their respective documentation.
3. Make sure the distance between the ceiling and the cassette does not exceed 35-mm.
The maximum ceiling opening is 910-mm.
4. When the conditions in the ceiling exceed 30°C ambient temperature and 80% relative humidity, or when fresh air is inducted into the ceiling, additional insulation is required (polyethylene foam, thickness ≥10-mm).
5. When installing a sensor kit, there will be a sensor on this location. For details, see the drawing of the sensor kit.



Item Name

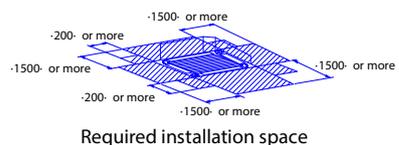
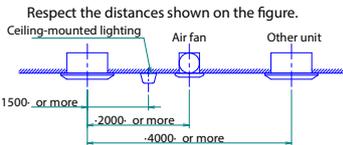
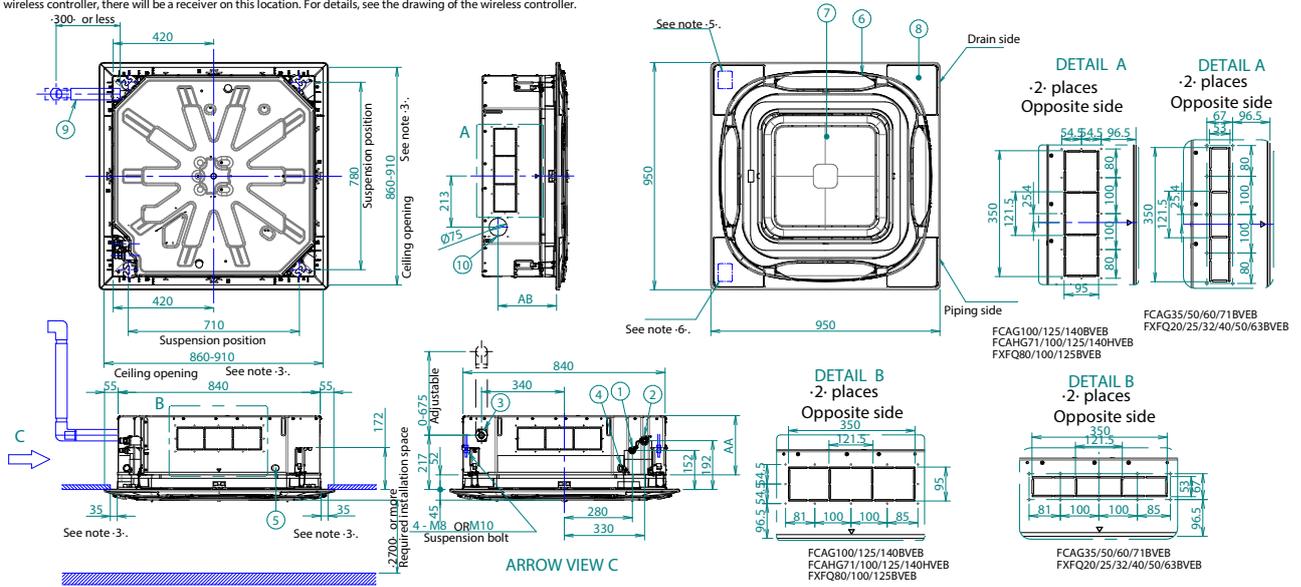
- 1 Liquid pipe connection port
- 2 Gas pipe connection port
- 3 Drain pipe connection
- 4 Power supply wiring intake
- 5 Transmission wiring intake hole
- 6 Air discharge outlet
- 7 Air suction grille
- 8 Corner decoration cover
- 9 Drain hose
- 10 Knockout hole.

(*1)Not applicable to recessed lighting.
(*2)Required space for entering with vacuum cleaner tube.
(*3)Make sure the decoration panel discharge outlet is not blocked.

FXFA-A WITH DESIGNER PANEL

Notes

1. Location of nameplate
The unit nameplate is located on the control box cover.
The decoration panel nameplate is located on the piping-side panel frame, under the corner cover.
2. When installing optional accessories, refer to their respective documentation.
3. Make sure the distance between the ceiling and the cassette does not exceed -35-mm.
The maximum ceiling opening is -910-mm.
4. When the conditions in the ceiling exceed 30°C ambient temperature and 80% relative humidity, or when fresh air is inducted into the ceiling, additional insulation is required (polyethylene foam, thickness ≥ 10-mm).
5. When installing a sensor kit, there will be a sensor on this location. For details, see the drawing of the sensor kit.
6. When installing a wireless controller, there will be a receiver on this location. For details, see the drawing of the wireless controller.

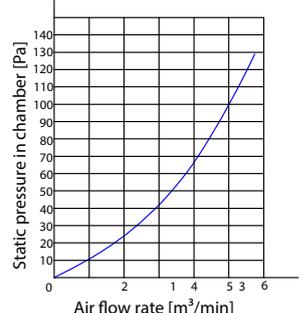
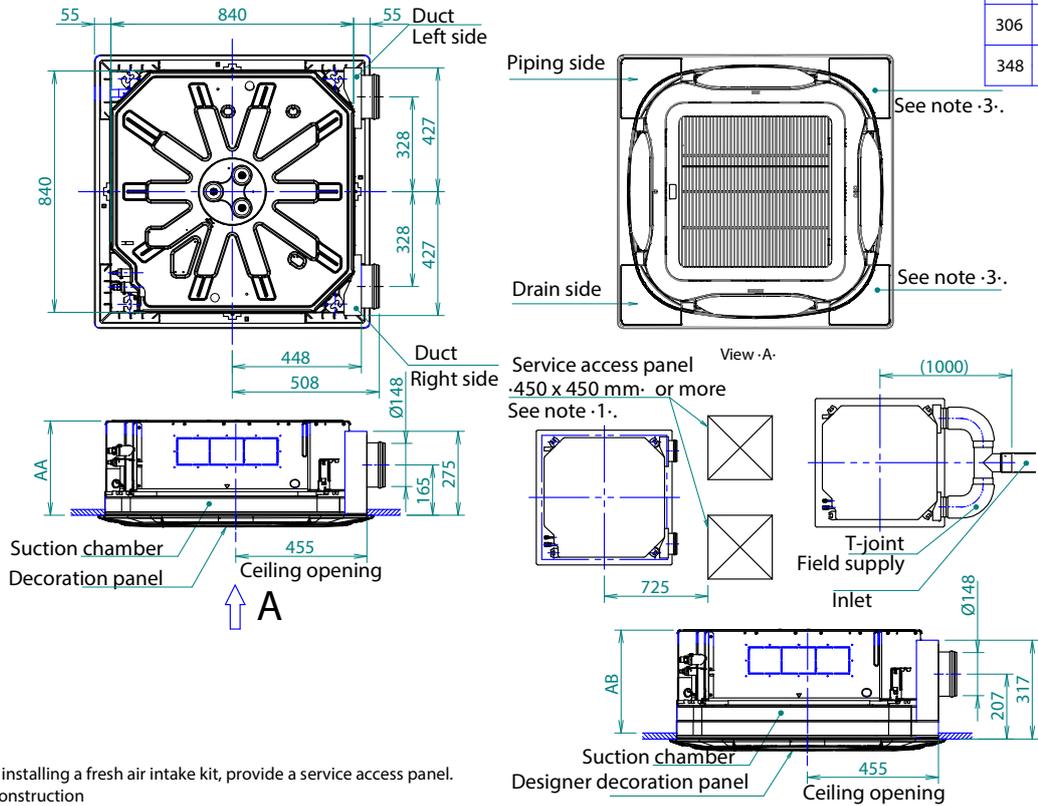


If a discharge outlet is closed up with the "sealing member" option kit, then the required installation space on that (closed up) side is -500-mm instead of -1500-mm.

- Item Name**
- ① Liquid pipe connection port
 - ② Gas pipe connection port
 - ③ Drain pipe connection
 - ④ Power supply wiring intake
 - ⑤ Transmission wiring intake hole
 - ⑥ Air discharge outlet
 - ⑦ Flat grille assembly
 - ⑧ Corner decoration cover
 - ⑨ Drain hose
 - ⑩ Knockout hole.

FXFA-A WITH FRESH AIR INTAKE

AA	AB	Model name
264	306	FCAG35/50/60/71BVEB FXFQ20/25/32/40/50/63BVEB
306	348	FCAG100/125/140BVEB FXFQ80/100BVEB
348	390	FCAHG71/100/125/140HVEB FXFQ125BVEB

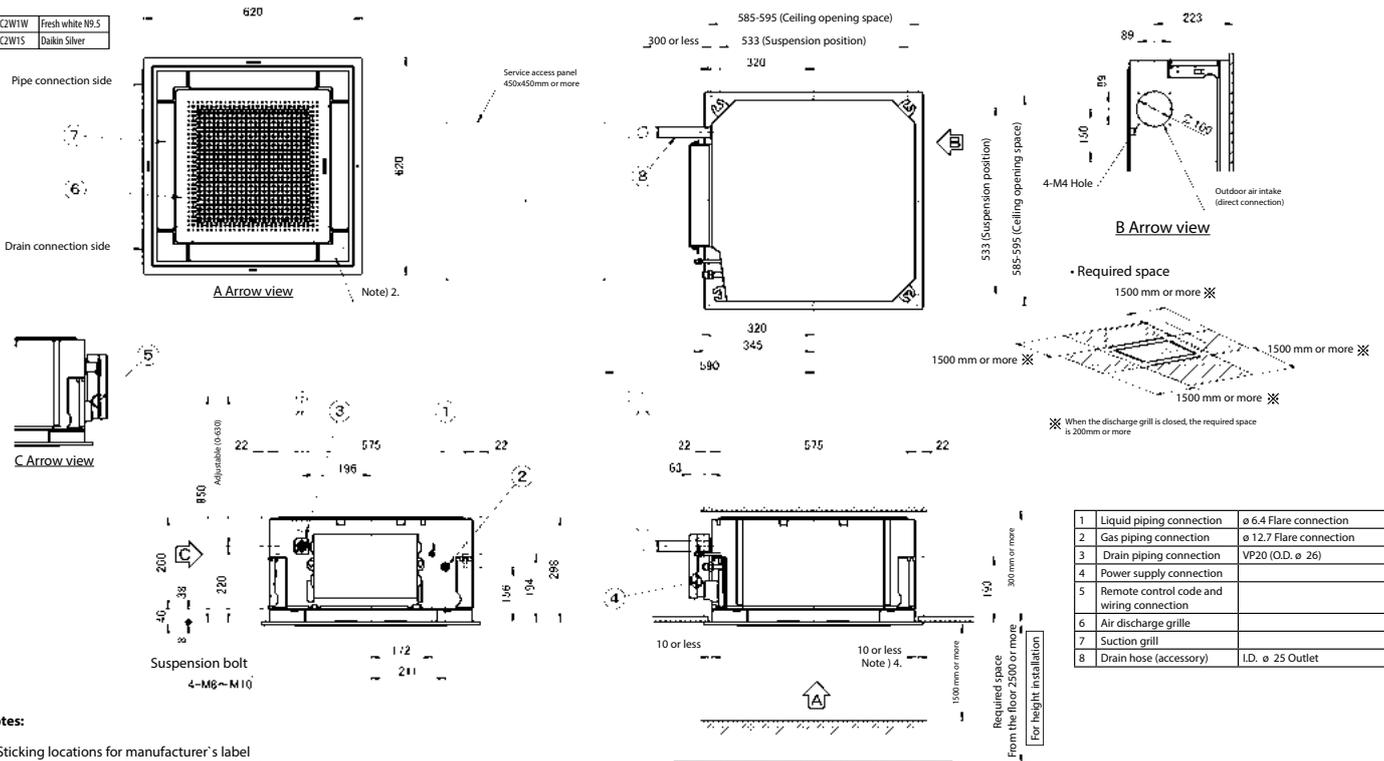


Notes

1. When installing a fresh air intake kit, provide a service access panel.
2. Field construction
3. This corner discharge outlet needs to be closed.
4. When installing a duct fan, use a wiring adapter to link the duct fan to the fan of the indoor unit.
5. The intake air flow rate is recommended to be ≤ 20% of the air flow rate at high fan speed.
If the intake air flow rate is too large, the operating sound may increase, and the detection of the indoor unit suction temperature may be affected.
6. This indicates the distance between the T-joint inlet and the indoor unit inlet when the T-tube is connected.

FXZA-A

BYFQ60C2W1W	Fresh white N9.5
BYFQ60C2W1S	Daikin Silver



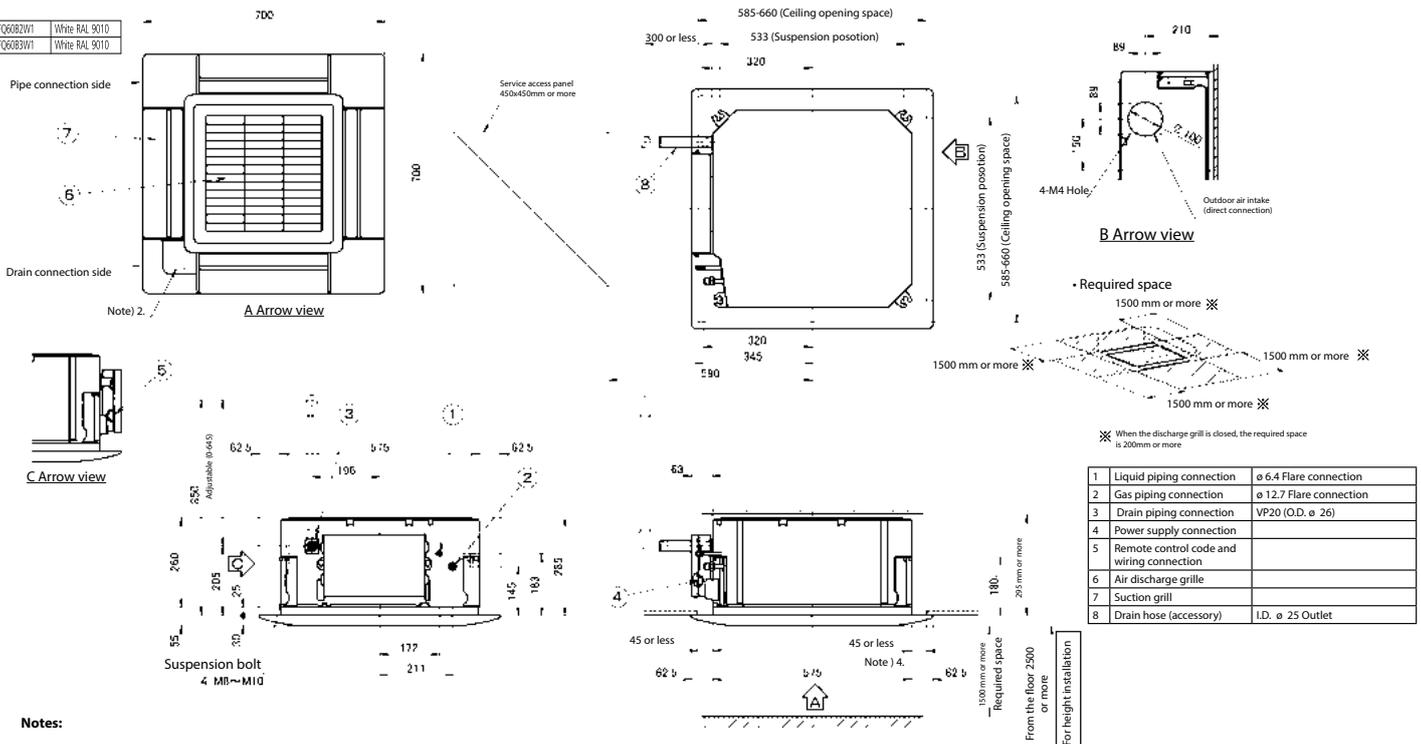
1	Liquid piping connection	ø 6.4 Flare connection
2	Gas piping connection	ø 12.7 Flare connection
3	Drain piping connection	VP20 (O.D. ø 26)
4	Power supply connection	
5	Remote control code and wiring connection	
6	Air discharge grille	
7	Suction grill	
8	Drain hose (accessory)	I.D. ø 25 Outlet

Notes:

1. Sticking locations for manufacturer's label
 Manufacturer's label for indoor unit: on the bell mouth inside suction grille.
 Manufacturer's label for decoration panel: on the inner frame inside suction grille.
2. In case of using infrared remote controller, this position will be a signal receiver. Refer to the drawing of infrared remote controller in detail.
3. When the temperature and humidity in the ceiling exceed 30°C and RH 80%, or the fresh air is inducted into the ceiling or the unit continues 24 hour operation, an additional insulation (thickness 10mm or more, Glasswool or polyethylene foam) is required.
4. Though the installation is acceptable up to maximum of 595mm square ceiling opening, keep the clearance of 10mm or less between the main unit and the ceiling opening so that the panel overlap allowance can be ensured.

FXZA-A

BYFQ60B2W1	White RAL 9010
BYFQ60B3W1	White RAL 9010

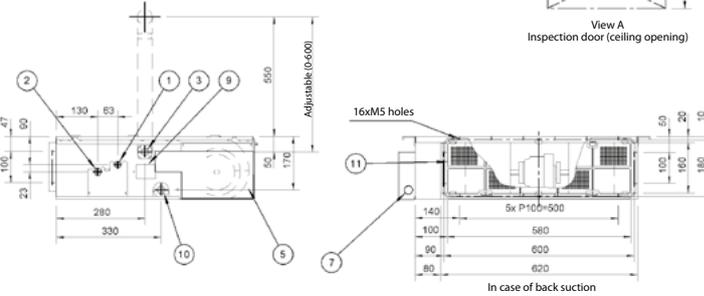
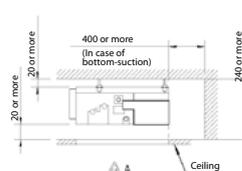
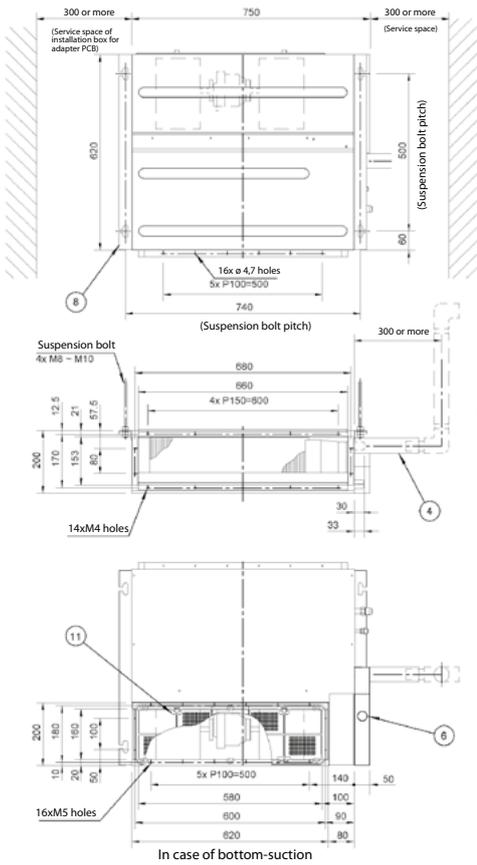


1	Liquid piping connection	ø 6.4 Flare connection
2	Gas piping connection	ø 12.7 Flare connection
3	Drain piping connection	VP20 (O.D. ø 26)
4	Power supply connection	
5	Remote control code and wiring connection	
6	Air discharge grille	
7	Suction grill	
8	Drain hose (accessory)	I.D. ø 25 Outlet

Notes:

1. Sticking locations for manufacturer's label
 Manufacturer's label for indoor unit: on the bell mouth inside suction grille.
 Manufacturer's label for decoration panel: on the inner frame inside suction grille.
2. In case of using infrared remote controller, this position will be a signal receiver. Refer to the drawing of infrared remote controller in detail.
3. When the temperature and humidity in the ceiling exceed 30°C and RH 80%, or the fresh air is inducted into the ceiling or the unit continues 24 hour operation, an additional insulation (thickness 10mm or more, Glasswool or polyethylene foam) is required.
4. Though the installation is acceptable up to maximum of 660mm square ceiling opening, keep the clearance of 45 mm or less between the main unit and the ceiling opening so that the panel overlap allowance can be ensured.

FXDA10-32A

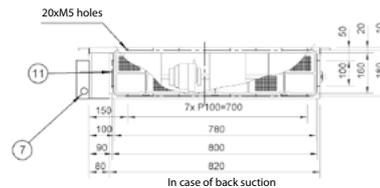
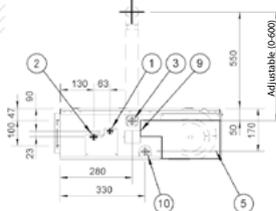
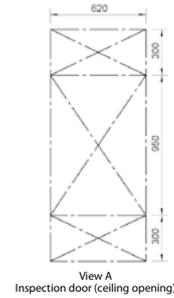
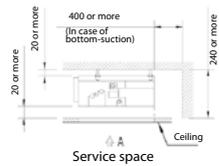
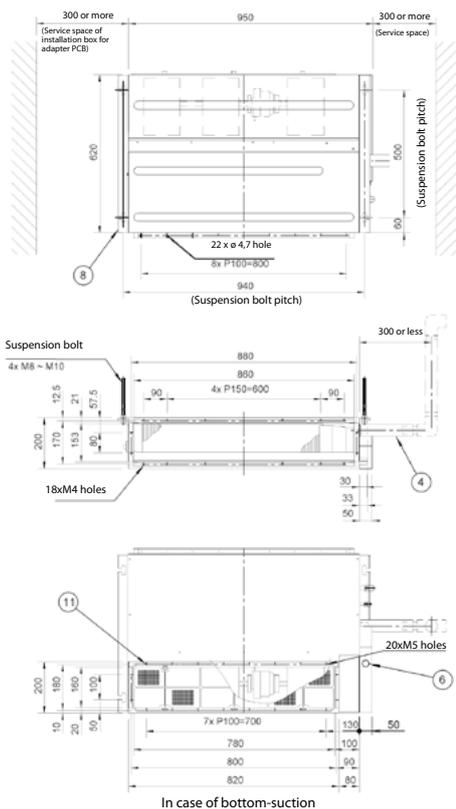


1	Liquid pipe connection	ϕ 6.4 Flare connection
2	Gas pipe connection	ϕ 12.7 Flare connection
3	Drain pipe connection	VP20 (O.D. ϕ 26, I.D. ϕ 20)
4	Drain hose (accessory)	ID ϕ 25 (Outlet)
5	control box	
6	Transmission wiring connection	
7	Power supply connection	
8	Suspension bracket	
9	Inspection cover	
10	Socket for drain	
11	Air filter (accessory)	

Notes:

- In case of back-suction, mount chamber cover to bottom side of the unit.
In case of bottom-suction, mount chamber cover to back side of the unit.
- Locations of unit's name plate: control box cover.
- Mount the air filter at the suction side. (Use an air filter whose dust collecting efficiency is at least 50% in a gravimetric technique). It can not be equipped with air filter (accessory) when connecting duct to suction side.

FXDA40-50A

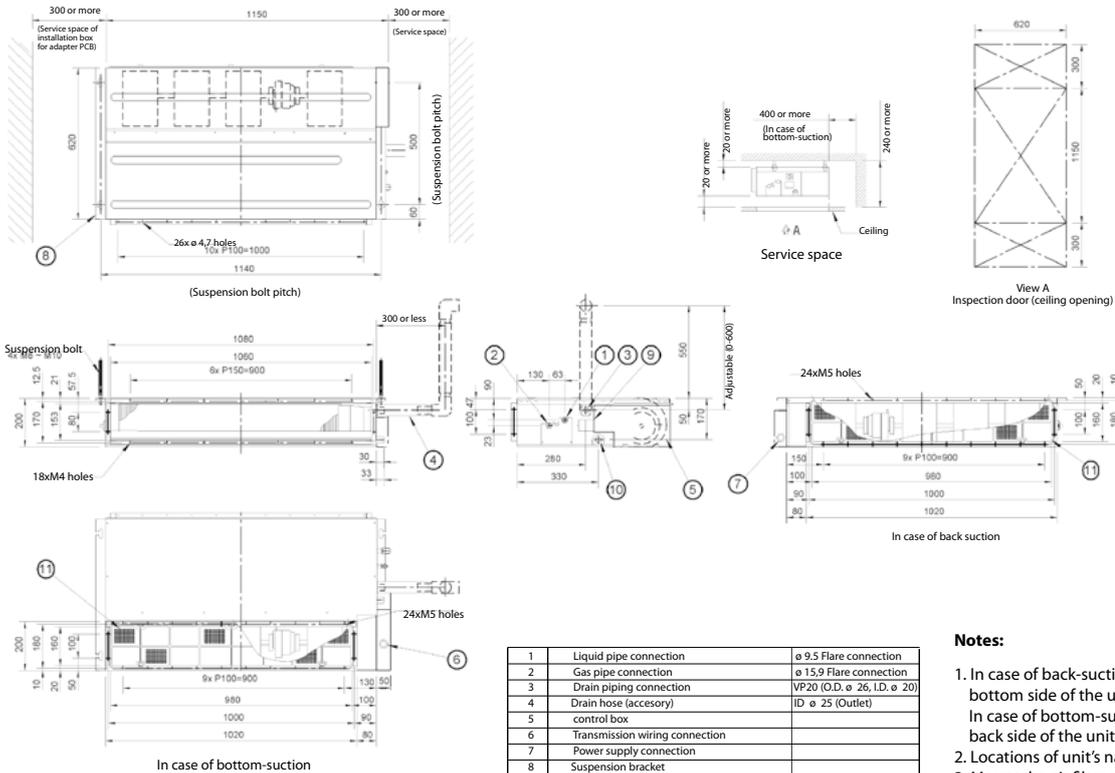


1	Liquid pipe connection	ϕ 6.4 Flare connection
2	Gas pipe connection	ϕ 12.7 Flare connection
3	Drain pipe connection	VP20 (O.D. ϕ 26, I.D. ϕ 20)
4	Drain hose (accessory)	ID ϕ 25 (Outlet)
5	control box	
6	Transmission wiring connection	
7	Power supply connection	
8	Suspension bracket	
9	Inspection cover	
10	Socket for drain	
11	Air filter (accessory)	

Notes:

- In case of back-suction, mount chamber cover to bottom side of the unit.
In case of bottom-suction, mount chamber cover to back side of the unit.
- Locations of unit's name plate: control box cover.
- Mount the air filter at the suction side. (Use an air filter whose dust collecting efficiency is at least 50% in a gravimetric technique). It can not be equipped with air filter (accessory) when connecting duct to suction side.

FXDA63A



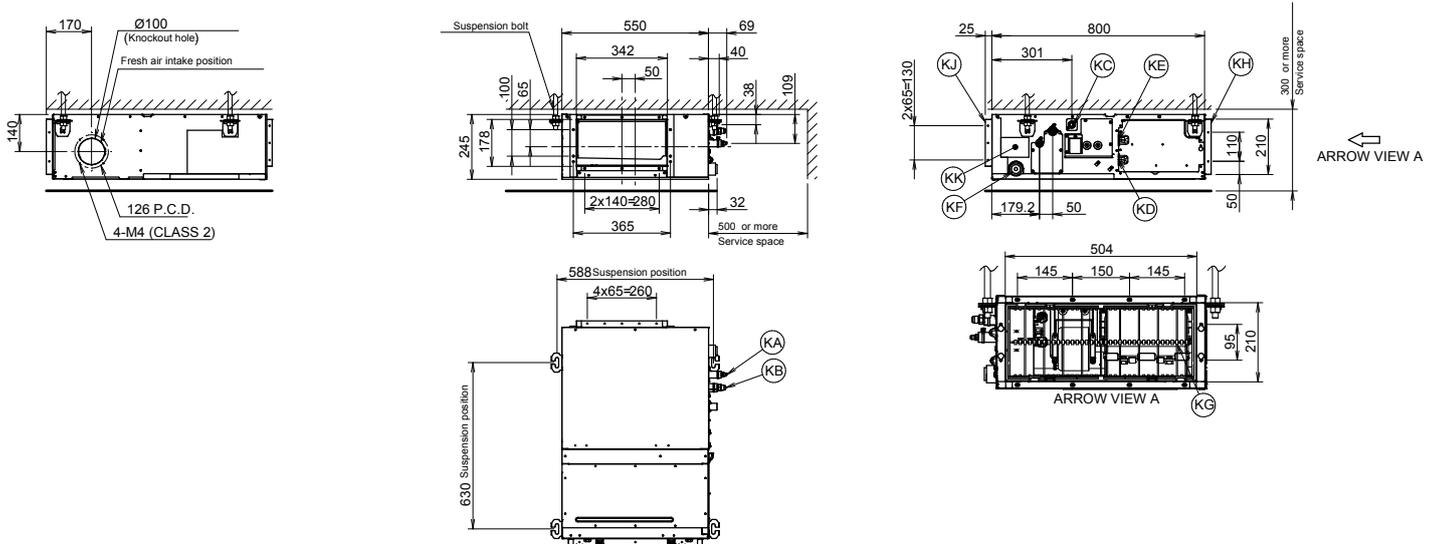
1	Liquid pipe connection	ø 9.5 Flare connection
2	Gas pipe connection	ø 15.9 Flare connection
3	Drain piping connection	VP20 (O.D. ø 26, I.D. ø 20)
4	Drain hose (accessory)	ID ø 25 (Outlet)
5	control box	
6	Transmission wiring connection	
7	Power supply connection	
8	Suspension bracket	
9	Inspection cover	
10	Socket for drain	
11	Air filter (accessory)	

Notes:

- In case of back-suction, mount chamber cover to bottom side of the unit.
In case of bottom-suction, mount chamber cover to back side of the unit.
- Locations of unit's name plate: control box cover.
- Mount the air filter at the suction side. (Use an air filter whose dust collecting efficiency is at least 50% in a gravimetric technique). It can not be equipped with air filter (accessory) when connecting duct to suction side.



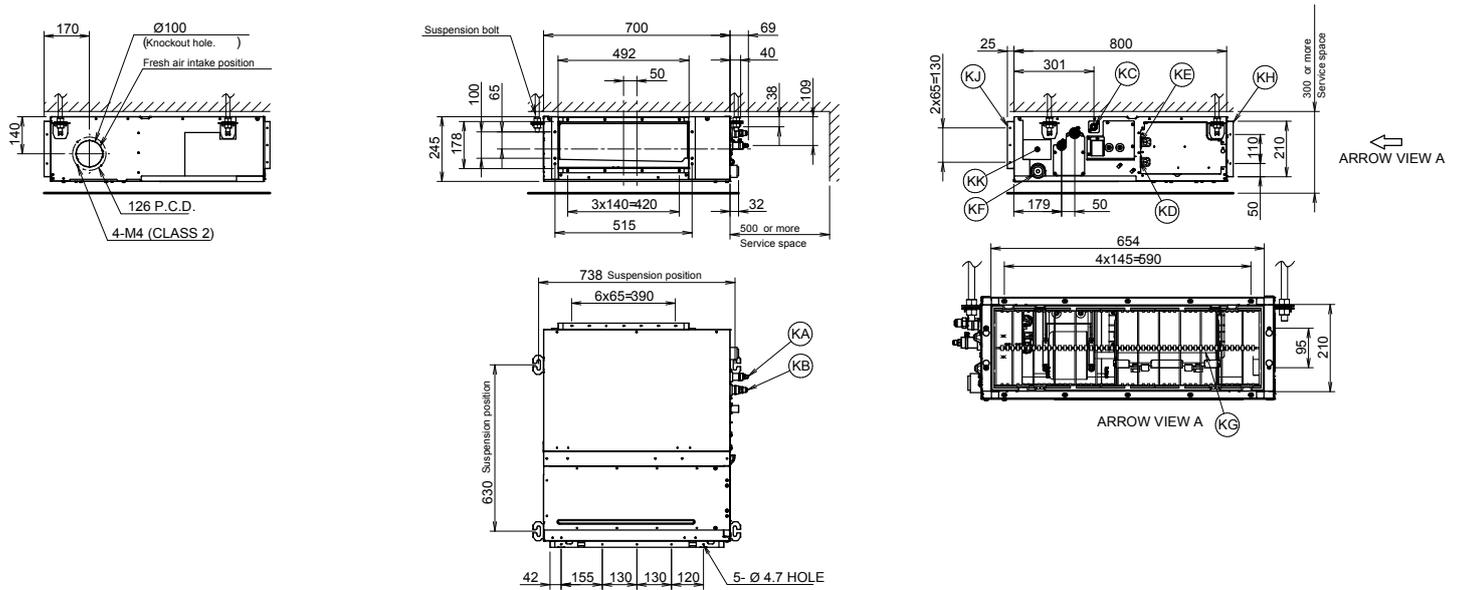
FXSA15-32A



Item	Name	Description
KA	Liquid pipe connection port	Ø6.35 flared connection
KB	Gas pipe connection port	Ø12.70 flared connection
KC	Drain pipe connection	VP20 (OD Ø26, ID Ø20)
KD	Wiring connection	/
KE	Power supply connection	/
KF	Drain outlet	VP20 (OD Ø26, ID Ø20)
KG	Air filter	/
KH	Air suction side	/
KJ	Air discharge side	/
KK	Nameplate	/

Notes
 1. When installing optional accessories, refer to their respective documentation.
 2. The ceiling depth varies according to the documentation of the specific system.

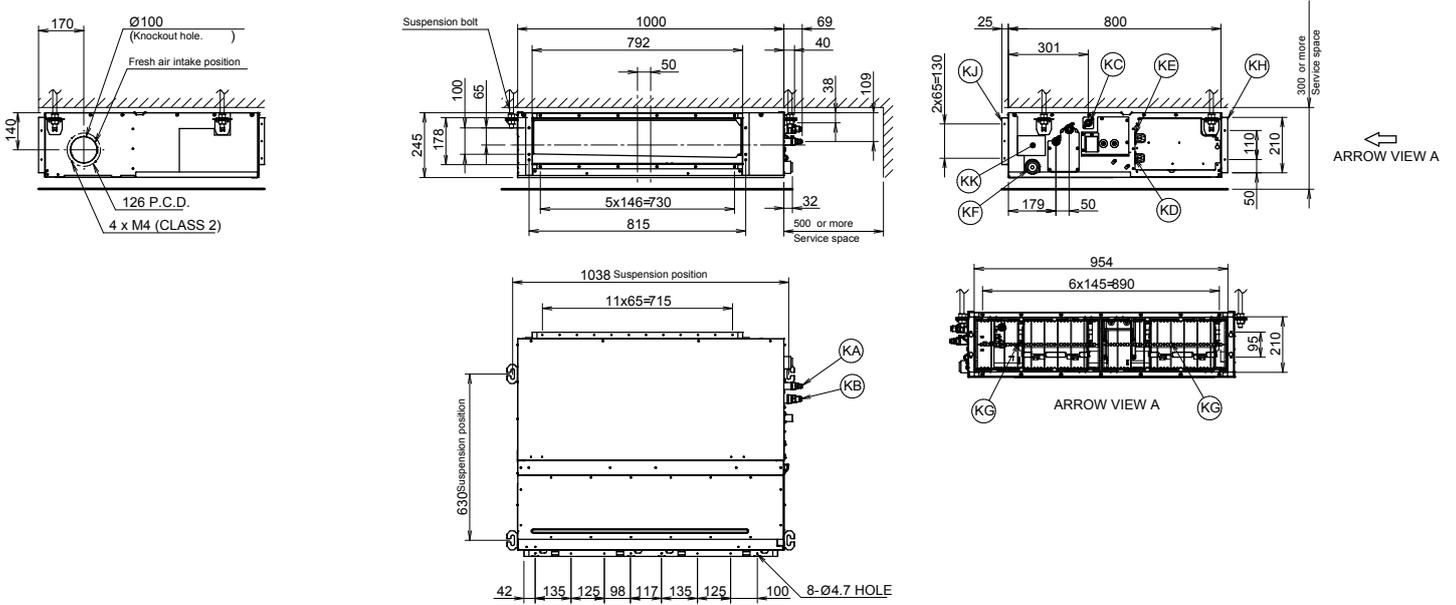
FXSA40-50A



Item	Name	Description
KA	Liquid pipe connection port	Ø6.35 flared connection
KB	Gas pipe connection port	Ø12.70 flared connection
KC	Drain pipe connection	VP20 (OD Ø26, ID Ø20)
KD	Wiring connection	/
KE	Power supply connection	/
KF	Drain outlet	VP20 (OD Ø26, ID Ø20)
KG	Air filter	/
KH	Air suction side	/
KJ	Air discharge side	/
KK	Nameplate	/

Notes
 1. When installing optional accessories, refer to their respective documentation.
 2. The ceiling depth varies according to the documentation of the specific system.

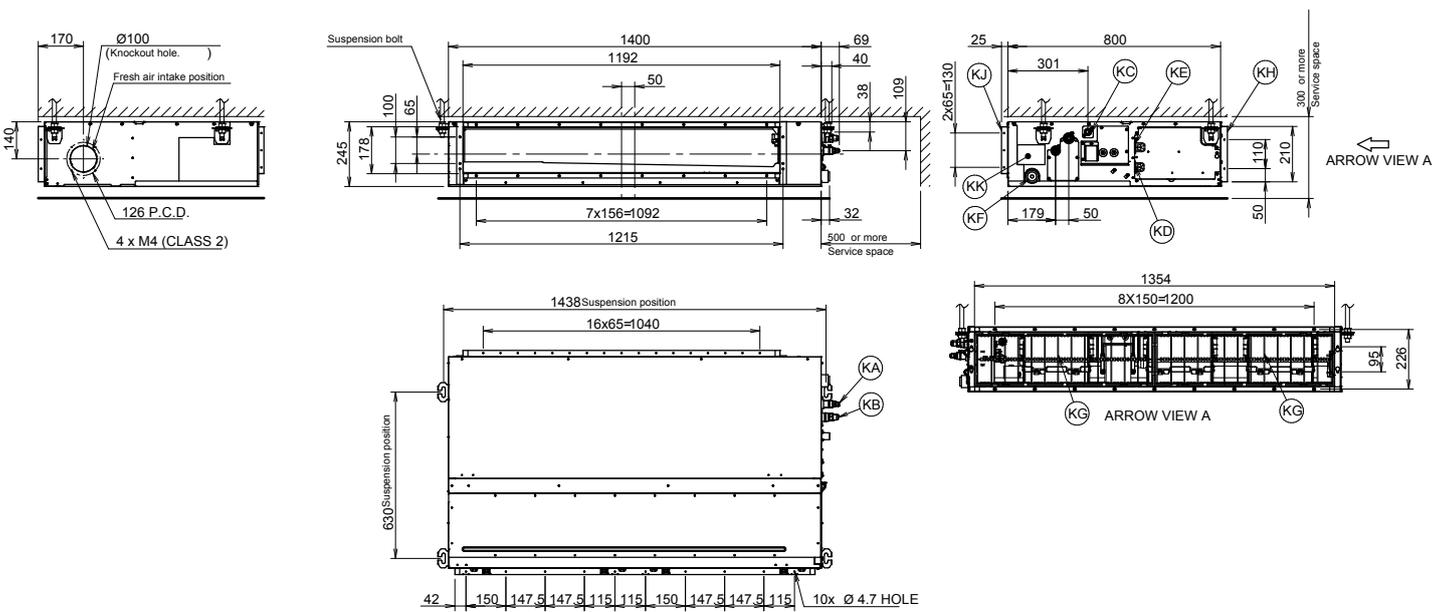
FXSA63-80A



Item	Name	Description
KA	Liquid pipe connection port	Ø9.52 flared connection
KB	Gas pipe connection port	Ø15.90 flared connection
KC	Drain pipe connection	VP20 (OD Ø26, ID Ø20)
KD	Wiring connection	/
KE	Power supply connection	/
KF	Drain outlet	VP20 (OD Ø26, ID Ø20)
KG	Air filter	/
KH	Air suction side	/
KJ	Air discharge side	/
KK	Nameplate	/

- Notes**
1. When installing optional accessories, refer to their respective documentation.
 2. The ceiling depth varies according to the documentation of the specific system.

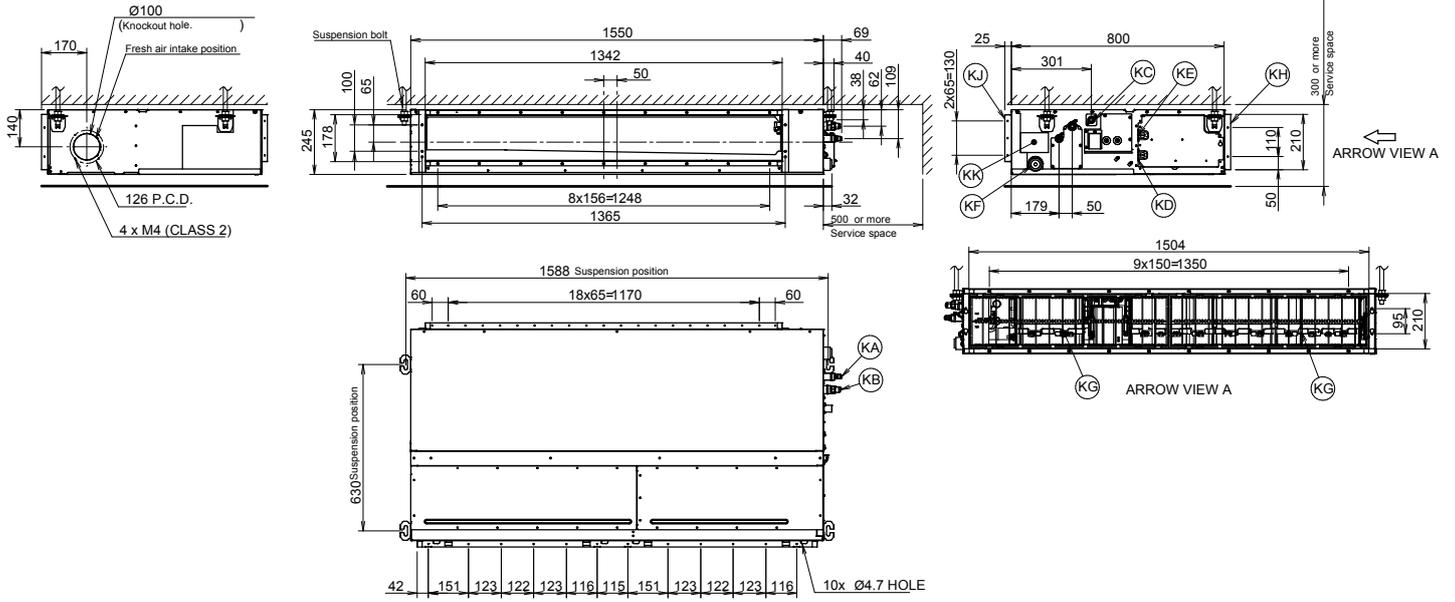
FXSA100-125A



Item	Name	Description
KA	Liquid pipe connection port	Ø9.52 flared connection
KB	Gas pipe connection port	Ø15.90 flared connection
KC	Drain pipe connection	VP20 (OD Ø26, ID Ø20)
KD	Wiring connection	/
KE	Power supply connection	/
KF	Drain outlet	VP20 (OD Ø26, ID Ø20)
KG	Air filter	/
KH	Air suction side	/
KJ	Air discharge side	/
KK	Nameplate	/

- Notes**
1. When installing optional accessories, refer to their respective documentation.
 2. The ceiling depth varies according to the documentation of the specific system.

FXSA140A

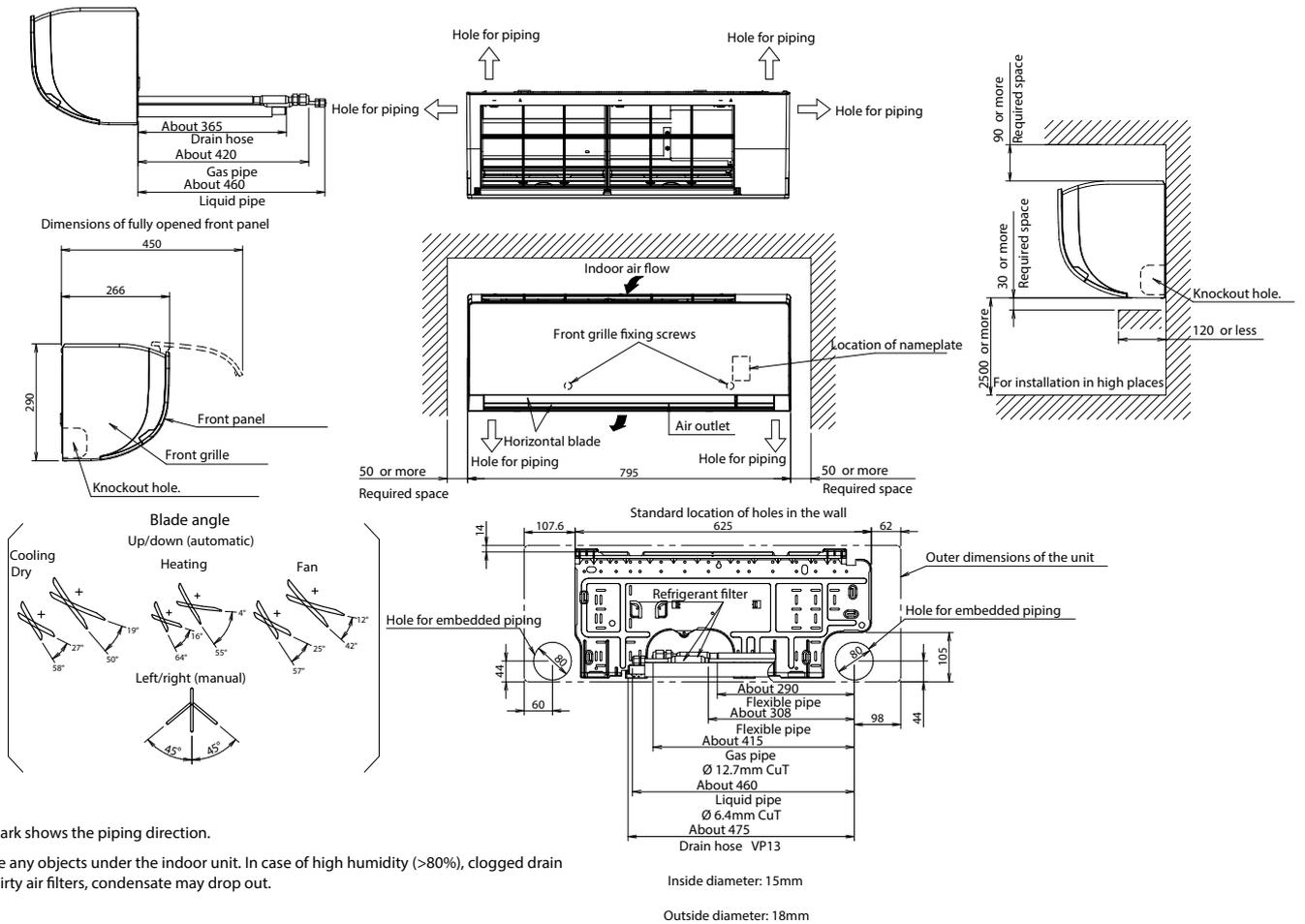


Item	Name	Description
KA	Liquid pipe connection port	Ø9.52 flared connection
KB	Gas pipe connection port	Ø15.90 flared connection
KC	Drain pipe connection	VP20 (OD Ø26, ID Ø20)
KD	Wiring connection	/
KE	Power supply connection	/
KF	Drain outlet	VP20 (OD Ø26, ID Ø20)
KG	Air filter	/
KH	Air suction side	/
KJ	Air discharge side	/
KK	Nameplate	/

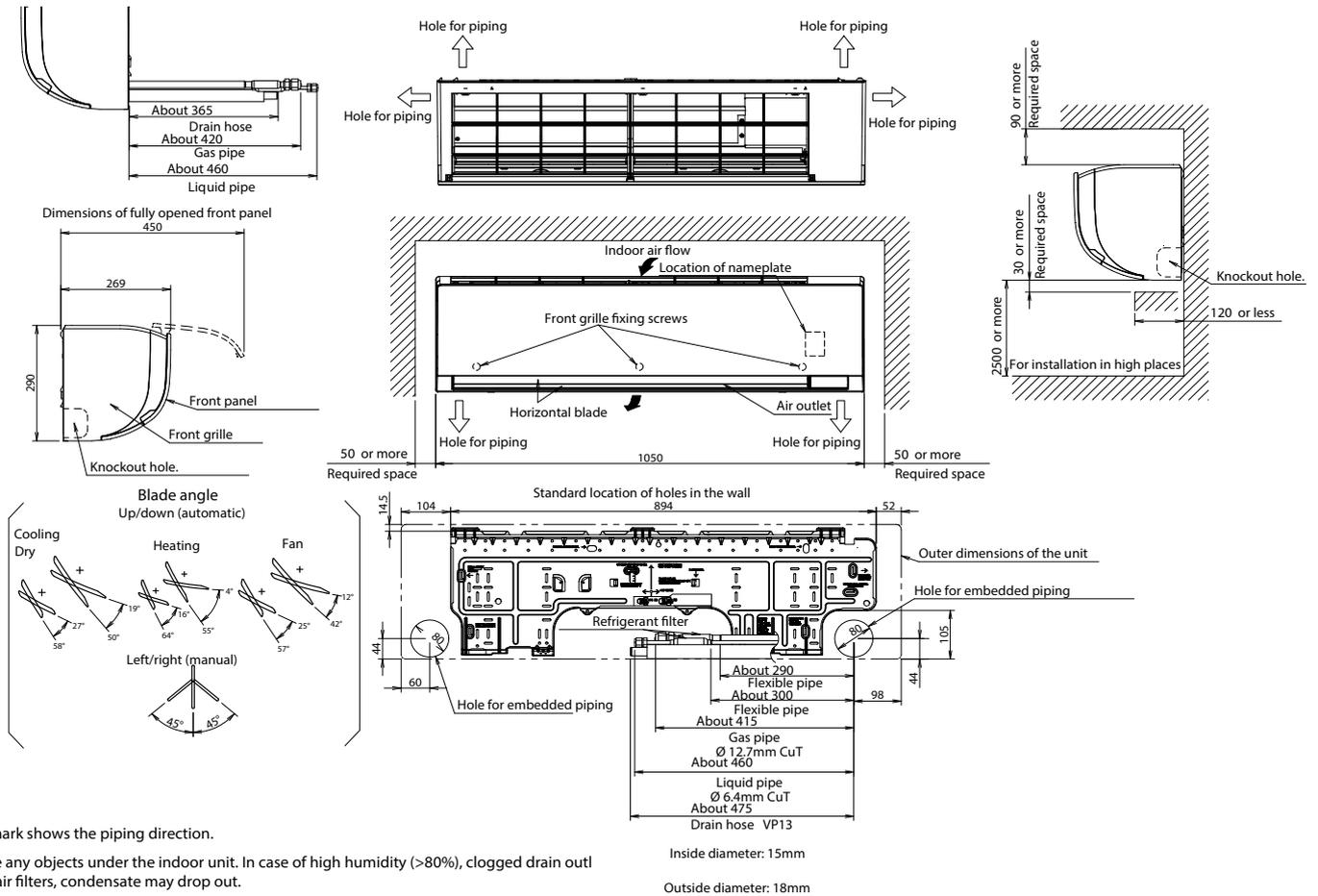
Notes
 1. When installing optional accessories, refer to their respective documentation.
 2. The ceiling depth varies according to the documentation of the specific system.



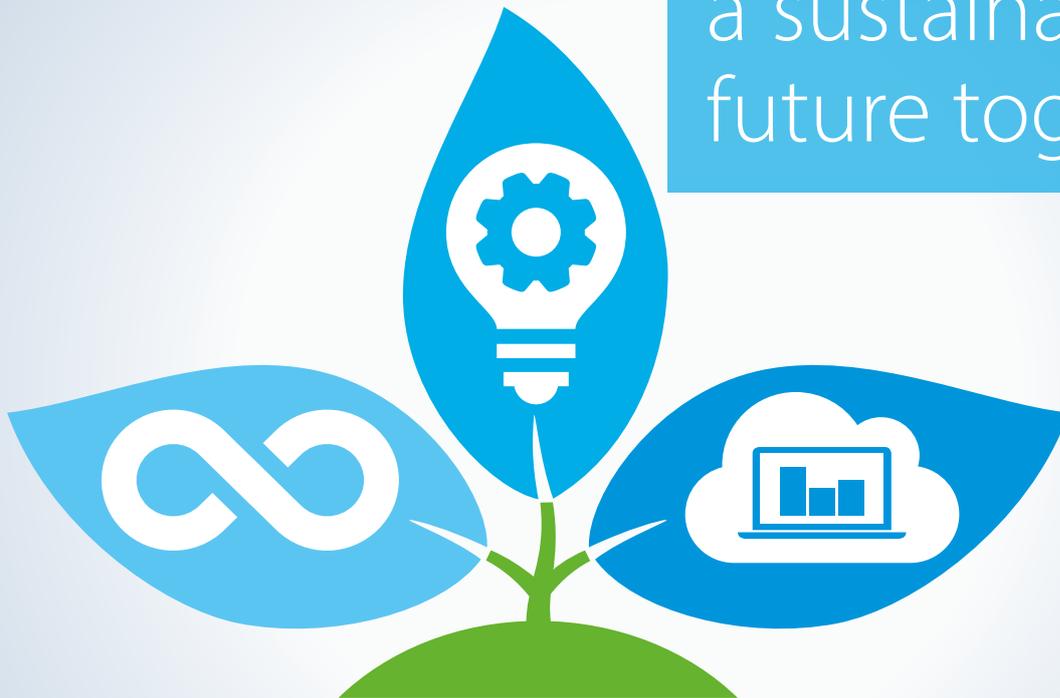
FXAA15-32A



FXAA40-50A



Creating a sustainable future together



Determined to reduce our environmental footprint, we aim to be CO₂-neutral by 2050. A circular economy, innovation and smart use – these are the stepping stones on our path. **The time to act is now. Join us in creating a sustainable future for HVAC-R.**

Sowing the seeds of climate protection with Daikin



Through a circular economy

- › Embrace Certified Reclaimed Refrigerant Allocation to reuse more refrigerant
- › Increase recovered refrigerant returns
- › Reuse refrigerant for maintenance with our refrigerant recycling machine



Through innovation

- › Equip our VRV 5 range with the lower GWP refrigerant R-32
- › Offer high real-world seasonal efficiencies
- › Deploy unique auto cleaning filters to maximise efficiency 24/7

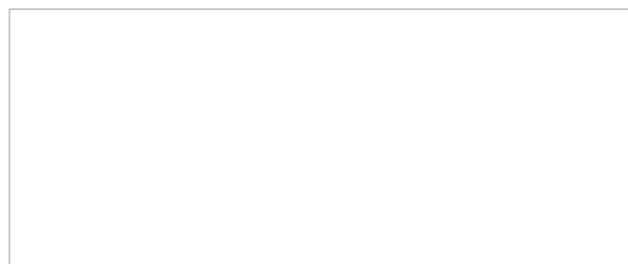


Through smart use

- › Rigorously follow up on energy consumption via the Daikin Cloud Service
- › Factor in experts' advice to continuously optimise system efficiency
- › Enable predictive maintenance to ensure optimum operation and uptime
- › Prevent energy waste with smart key cards and sensors

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ECPEN20-210 xxx-xx/xx



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