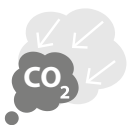


Meet our superhero: VRV 5 Heat Recovery



Purpose-built to support the decarbonisation
of commercial buildings



Lower CO₂
equivalents



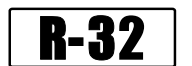
Industry-leading
real life efficiencies



Flexibility to take care
of every room



Variable Refrigerant
Temperature



BLUEVOLUTION



We're on a mission to build a sustainable legacy

It is in our DNA to provide safe, healthy and comfortable spaces throughout the building life cycle using world-leading technology. Driven by a dedication to achieve net zero CO₂ emissions by 2050, we work together with our partners and customers in helping to create a world with healthier indoor air and minimal environmental impact.

Our sustainability values

Supporting decarbonisation

Our solutions are designed to **support your sustainable goals** by reducing the CO₂ footprint of buildings, whether they are new builds or renovations, thanks to the use of lower GWP refrigerants, high real life seasonal efficiency, smart controls and L∞P by Daikin refrigerant reuse.

A collective journey

Together with our partners and customers, we are working towards the sustainable transformation of our buildings. We provide expert **support** and **peace of mind** throughout the building life cycle, ensuring **future-proof** solutions for a healthier planet.

Building for the future

As market leaders in total solutions, we are constantly **innovating to meet your changing needs** and offer you a comfortable, healthy and safe environment.



BLUEEVOLUTION

Continuing our path to lower CO₂ equivalent solutions

Innovation and adaptation are at the heart of Daikin's decarbonisation strategy. When it comes to refrigerant selection, we have a diversity of choice that we are constantly evaluating to determine the appropriate refrigerant for each application and convert our portfolio to lower GWP refrigerants.

For VRV systems, Daikin has assessed various refrigerants based on four criteria: overall environmental impact, energy efficiency, safety and cost-effectiveness. R-32 was determined to be the most balanced for direct expansion heat pumps.

Since launching the VRV 5 S-series with R-32 in 2020, we continue to expand our VRV portfolio with the launch of the VRV 5 Heat Recovery system and a VRV 5 heat pump in the near future.



VRV 5 S-series
2020

VRV 5 Heat Recovery
2022

VRV 5 Heat Pump

Benefits of R-32

R-32 refrigerant has a lower Global Warming Potential and higher efficiency compared to R-410A, making it the most effective sustainable solution for VRF systems today.

- › **Lower Global Warming Potential (GWP):** only 1/3rd of R-410A
- › **Lower refrigerant charge:** 15% less compared to R-410A
- › **Higher energy efficiency,** greatly reducing the indirect CO₂ eq. impact
- › **Single component refrigerant,** easy to handle and recycle.

Benefits of VRV systems

VRV systems offer commercial buildings maximum flexibility and peace of mind thanks to the advantages direct expansion (DX) systems have to offer:

- › **More responsive:** Immediate reaction to changing conditions helps avoid overheating
- › **Highly efficient:** Only 2 energy transfer steps are needed (from air to refrigerant, and from refrigerant to air)
- › **Quick and easy to install:** All-in-one box solution without any requirement for field supplied equipment (e.g. gauges, pumps and valves)
- › **Limited space requirements:** All components are integrated, and refrigerant piping is compact.



Lower CO₂ eq. impact,
better performance and
maximum flexibility



VRV 5 Heat Recovery ensures maximum comfort and efficiency while significantly reducing a building's environmental footprint. What's more its smart, compact and responsive design makes for flexible and easy installation in any commercial building. In fact, it's not just a single champion device – it's an unstoppable team of heroes assembled in one superpowered system.

Sustainability

VRV 5 Heat Recovery is taking sustainable climate control to new heights thanks to its innovative and highly efficient new design.

The VRV system is more sustainable over its entire lifecycle, **reducing the indirect CO₂ eq. impact** thanks to a highly effective 3-pipe heat recovery design and market-leading seasonal efficiency with high $\eta_{s,c}$ values of up to 298.3%. This makes it the perfect partner for your BREEAM, LEED or WELL project.

The system is specifically built for R-32 refrigerant greatly **reducing** the potential **direct CO₂ eq. impact**.

- › 68% less Global Warming Potential (GWP) than R-410A.
- › 15% less refrigerant charge than R-410A.
- › A 71% GWP reduction across the entire system.
- › Single component refrigerant charge, easy to re-use and recycle.

Ultra-flexible climate control

Any commercial building can benefit thanks to:

- › Same **pipng flexibility** as R-410A.
- › Unmatched outdoor unit **capacity up to 90kW** in heating.
- › Widest range of dedicated R-32 indoor units on the market.

It can be installed practically anywhere thanks to:

- › Quiet operation via **5 low sound steps**, bringing sound pressure down to 40 dB(A).
- › **High ESP** up to 78Pa allowing concealment indoors.
- › **Wide operation range** up to +46°C in cooling and down to -20°C in heating.

Shîrudo Technology truly sets
the VRV 5 Heat Recovery apart



With Shîrudo Technology, you have a fully versatile and responsive system that can accurately control the indoor climate of any room or surface.

- › **Peace of mind** as no additional considerations or time-consuming studies are needed.
- › **Factory-integrated** refrigerant response measures, compliant with the IEC product standard, third-party approved by a notified body.
- › **Easy design and selection** thanks to the integration of VRV Xpress floorplan.
- › With built-in Shîrudo Technology, potential leaks are quickly detected and isolated – greatly reducing direct emissions impact.

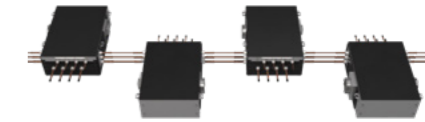


Want to know more about the IEC product standard and implementation?
Refer to page 16.



Quick and easy installation & support

- VRV 5 Heat Recovery offers quick and easy installation thanks to:
- > The **flow through principle**, reducing the number of brazing points and joints needed
 - > A completely redesigned BSSV box that requires **less ceiling height**
 - > A **sliding down PCB** for straightforward servicing.



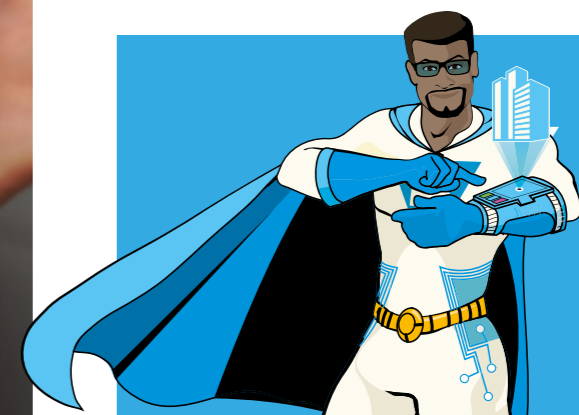
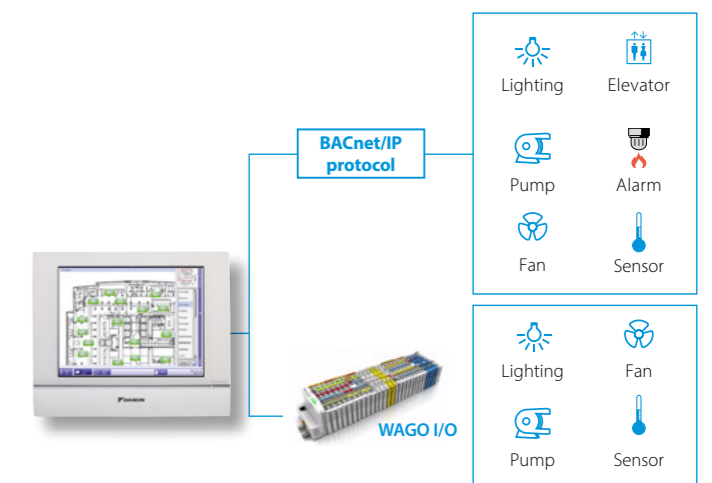
And never fear, support is always here. You'll have access to an extensive network of experts to make installation and maintenance simple and stress-free.

A smart approach to comfort


Daikin's signature Variable Refrigerant Temperature ensures maximum comfort and is completely customisable to meet customers' requirements, with the **widest range of specifically designed R-32 indoor units**.

VRV 5 Heat Recovery can match any room size, shape and integration ventilation units for optimum Indoor Air Quality.

And Daikin is committed to constantly innovating its systems to be smarter and easier to control. Our VRV 5 Heat Recovery system is compatible with **Daikin's mini BMS: Intelligent Touch Manager** – a smart energy management system offering real time data for full control of your energy use. For further ease of use, we offer **intuitive online and voice control** via the Onecta app.




VRV 5 outdoor unit overview

		Capacity class (kW)																				
Model	Product name	8	10	12	14	16	18	20	22	24	26	28	VRV indoor units	Residential indoor units	Hydrobox	HRV units VAM	HRV units EKVDX	AHU connection	Air curtains	Remarks		
<p>Air-cooled heat recovery</p> <p>NEW & UNIQUE VRV 5 heat recovery</p> <ul style="list-style-type: none"> Reduced CO₂ equivalent thanks to the use of lower GWP refrigerant R-32 Top sustainability over the entire lifecycle 'Free' heating through heat recovery Tackle small room applications thanks to Shirudo Technology The perfect personal comfort thanks to simultaneous cooling and heating 	 <p>REYA-A</p>	●	●	●	●	●	●	●	●	●	●	○										
		Cooling Capacity	22.4	28.0	33.5	40.0	45.0	50.4	56.0	61.5	67.4	73.5	78.5									
		Heating Capacity	25.0	31.5	37.5	45.0	50.0	56.5	63.0	69.0	75.0	82.5	87.5									

● Single unit, ● Multi combination









Branch selector (BS box) overview

		Capacity class				
Model	Product name	4	6	8	10	12
<p>Multi port BS box</p> <ul style="list-style-type: none"> Unique range of Branch Selector boxes integrating Shirudo Technology 	 <p>BS-A14AV1B</p>	●	●	●	●	●



VRV 5 outdoor units have the highest capacity on the market – up to 90kW

VRV 5 indoor unit overview

		Capacity class (kW)																	
Type	Model	Product name	10	15	20	25	32	40	50	63	71	80	100	125	140	200	250		
Ceiling mounted cassette	<p>UNIQUE Round flow cassette</p> <p>360° air discharge for optimum efficiency and comfort</p> <ul style="list-style-type: none"> 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 	 <p>FXFA-A</p>	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		
			<p>UNIQUE Fully flat cassette</p> <p>Unique design that integrates fully flat into the ceiling</p> <ul style="list-style-type: none"> 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 	 <p>FXZA-A</p>	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
Concealed ceiling	<p>Slim concealed ceiling unit</p> <p>Slim design for flexible installation</p> <ul style="list-style-type: none"> 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 	 <p>FXDA-A</p>			●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
			<p>Concealed ceiling unit with medium ESP</p> <p>Slimmest yet most powerful medium static pressure unit on the market!</p> <ul style="list-style-type: none"> 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 	 <p>FXSA-A</p>	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
					<p>NEW Concealed ceiling unit with high ESP</p> <p>ESP up to 270 Pa, ideal for extra large sized spaces</p> <ul style="list-style-type: none"> Optimum comfort guaranteed no matter the length of ductwork or type of grilles, thanks to automatic air flow adjustment Large capacity unit: up to 31.5 kW heating capacity 	 <p>FXMA-A</p>	●	●	●	●	●	●	●	●	●	●	●	●	●
			Wall mounted unit	<p>Wall mounted unit</p> <p>For rooms with no false ceilings nor free floor space</p> <ul style="list-style-type: none"> 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 			 <p>FXAA-A</p>	●	●	●	●	●	●	●	●	●	●	●	●
Ceiling suspended	<p>NEW Ceiling suspended unit</p> <p>For wide rooms with no false ceilings nor free floor space</p> <ul style="list-style-type: none"> Ideal for comfortable air flow in wide rooms thanks to Coanda effect Rooms with ceilings up to 3.8m can be heated or cooled very easily! Can easily be installed in both new and refurbishment projects Can even be mounted in corners or narrow spaces without any problem 	 <p>FXHA-A</p>			●	●		●	●	●	●	●	●	●	●	●	●	●	●
			<p>NEW & UNIQUE 4-way blow ceiling suspended unit</p> <p>Unique Daikin unit for high rooms with no false ceilings nor free floor space</p> <ul style="list-style-type: none"> Rooms with ceilings up to 3.5m can be heated up or cooled down very easily! Can easily be installed in both new and refurbishment projects Flexibility to suit every room layout 	 <p>FXUA-A</p>	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
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	22.4	28.0	
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	25.0	31.5			

(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 has the widest range of indoor units specifically designed for R-32 on the market

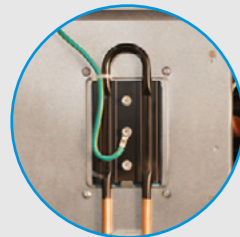


Next generation **VRV**



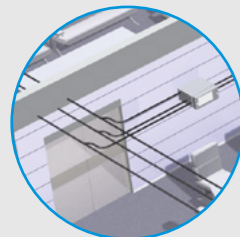
7-segment display for quick and accurate error diagnostics

- › Outdoor unit display for quick on-site settings and easy read out of errors
- › Indication of service parameters for checking basic functions



Refrigerant-cooled PCB

- › Reliable cooling because it is not influenced by ambient air temperature
- › Smaller switchbox for smoother air flow through the heat exchanger, increasing heat exchange efficiency by 5%



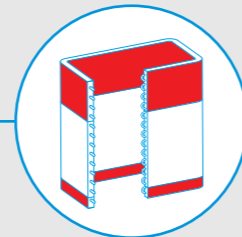
Unmatched piping flexibility

- › Longest length up to 165m
- › Total length 1,000m



Asymmetric fan design

- › High ESP up to 78Pa to allow ducting
- › Low sound levels down to 40 dB(A)



4-sided, 3-row heat exchanger

- › Thanks to the large surface of the heat exchanger (up to 235m²) VRV units are compact, light and highly efficient



New inverter compressor

- › Specifically developed for R-32 refrigerant
- › Back pressure control increasing efficiency in low load operation



Advantages of 3-pipe technology

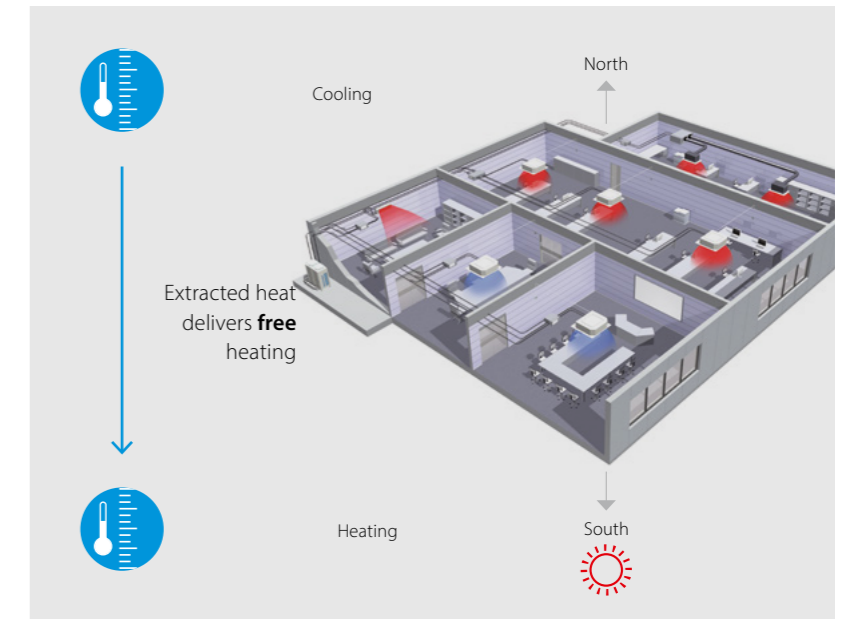
“Free” heat production

An integrated heat recovery system reuses heat from offices and server rooms to warm other areas.

Maximum comfort

A VRV heat recovery system allows simultaneous cooling and heating.

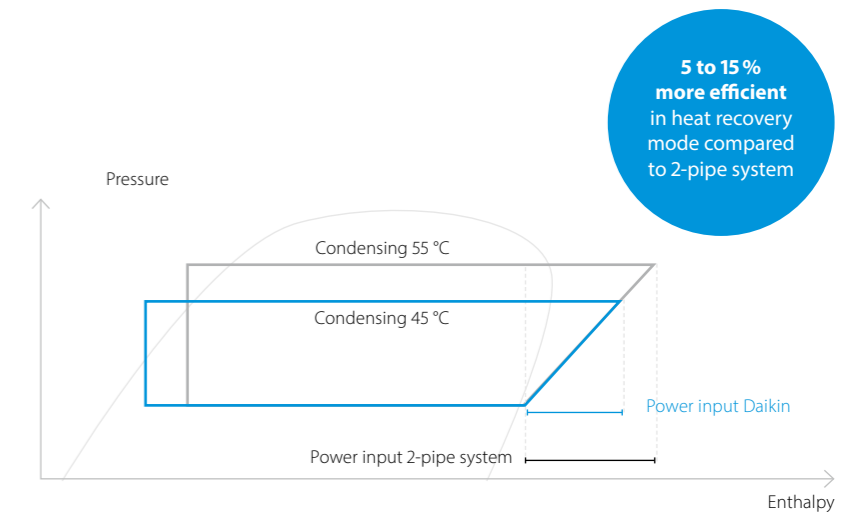
- › For hotel owners, this means they can freely choose between cooling or heating to create a perfect environment for guests.
- › For offices, it means a perfect working indoor climate for both north and south-facing offices.



More “free” heat

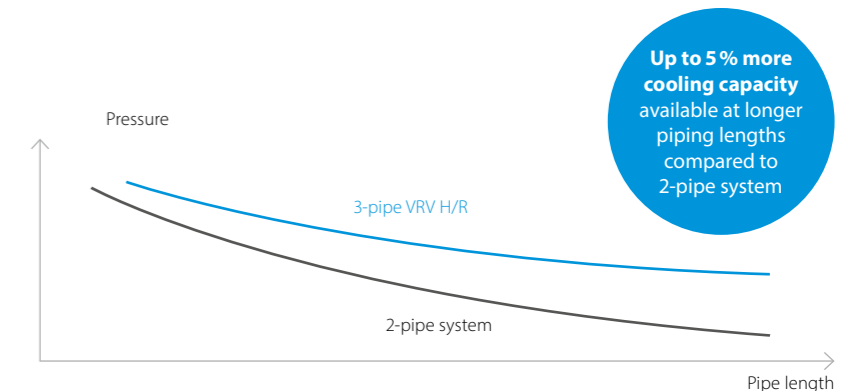
Daikin 3-pipe technology needs less energy to recover heat, meaning significantly higher efficiency during heat recovery mode. Our system can recover heat at a low condensing temperature because it has dedicated gas, liquid and discharge pipes.

In a 2-pipe system, gas and liquid travel as a mixture so the condensing temperature needs to be higher in order to separate the mixed gas and liquid refrigerant. The higher condensing temperature means more energy is used to recover heat resulting in lower efficiency.



Lower pressure drop means more efficiency

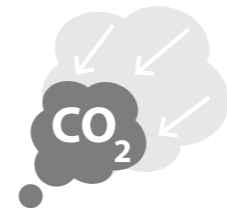
- › Smooth refrigerant flow in 3-pipe system thanks to 2 smaller gas pipes results in higher energy efficiency
- › Disturbed refrigerant flow in large gas pipe on 2-pipe system results in larger pressure drop



VRV 5 Heat Recovery

Purpose-built to support the decarbonisation of commercial buildings

- › Reduced CO₂ equivalent thanks to the use of lower GWP R-32 refrigerant and lower refrigerant charge
- › Single component refrigerant, easy to re-use and recycle
- › Greatest sustainability over the entire lifecycle, thanks to market leading real-life seasonal efficiency
- › “Free” heating through efficient 3-pipe heat recovery, transferring heat from areas requiring cooling to areas requiring heating
- › Tackle small room applications without any additional measures, thanks to Shīrudo Technology
- › Specially designed indoor units for R-32, ensuring low sound and maximum efficiency
- › Simultaneous cooling and heating for the perfect personal comfort of guests/tenants
- › Like for like R-410A installation flexibility with piping lengths up to 165 meters and a total length of 1,000 meters
- › Sound pressure down to 40 dB(A) thanks to 5 low sound steps
- › ESP up to 78 Pa to allow ducting
- › Wide operation range of up to +46°C in cooling and down to -20°C in heating



Lower CO₂ equivalents



5 low sound steps



Completely redesigned BSSV boxes for faster installation and easier servicing

Widest R-32 VRV range in the market

More details and final information can be found by scanning or clicking the QR codes.



Outdoor unit		REYA	8A	10A	12A	14A	16A	18A	20A	
Capacity range		HP	8	10	12	14	16	18	20	
Recommended combination			4 x FXSA50A2VEB	4 x FXSA63A2VEB	6 x FXSA50A2VEB	1 x FXSA50A2VEB + 5 x FXSA63A2VEB	4 x FXSA63A2VEB + 2 x FXSA80A2VEB	3 x FXSA50A2VEB + 5 x FXSA63A2VEB	2 x FXSA50A2VEB + 6 x FXSA63A2VEB	
Cooling capacity	Prated,c	kW	22.4	28.0	33.5	40.0	45.0	50.4	56.0	
Heating capacity	Prated,h	kW	22.4	28.0	33.5	40.0	45.0	50.4	56.0	
	Max. 6°CWB	kW	25.0	31.5	37.5	45.0	50.0	56.5	63.0	
ηs,c		%	279.6%	271.7%	273.2%	298.3%	277.4%	274.8%	259.6%	
ηs,h		%	161.1%	170.4%	170.9%	162.2%	162.1%	170.0%	161.4%	
SEER			7.1	6.9	7.5	7.0	6.9	6.6		
SCOP			4.1	4.3	4.1	4.1	4.3	4.1		
Maximum number of connectable indoor units			64							
Indoor index connection	Min.		100.0	125.0	150.0	175.0	200.0	225.0	250.0	
	Max.		260.0	325.0	390.0	455.0	520.0	585.0	650.0	
Dimensions	Unit HeightxWidthxDepth	mm	1,685x930x765			1,685x1,240x765				
Weight	Unit	kg	230		314			317		
Sound power level	Cooling Nom.	dB(A)	78.3	78.8	82.5	78.7	83.7	83.4	87.9	
	Heating Prated,h	dB(A)	79.4	80.7	83.3	82.9	86.3	85.1	89.6	
Sound pressure level	Cooling Nom.	dB(A)	56.3	58.0	60.8	58.1	64.4	62.9	66.6	
Operation range	Cooling Min.~Max.	°CDB	-5.0~46.0							
	Heating Min.~Max.	°CWB	-20.0~-15.5							
Refrigerant	Type/GWP		R32 / 675							
	Charge	kg/TCO ₂ Eq	9.0 / 6.08			10.6 / 7.16				
Piping connections	Liquid OD	mm	9.52		12.7					
	Gas OD	mm	19.1		22.2				28.6	
	HP/LP gas OD	mm	15.9		19.1				22.2	
	Total piping System Actual length	m	1000							
Power supply	Phase/Frequency/Voltage	Hz/V	3N~/50/380-415							
Current – 50Hz	Maximum fuse amps (MFA)	A								

Outdoor unit System		REYA	10A	13A	16A	18A	20A	22A	24A	26A	28A	
System	Outdoor unit module 1		REMA5A		REYA8A		REYA10A		REYA8A	REYA12A		
	Outdoor unit module 2		REMA5A	REYA8A	REYA10A	REYA12A	REYA16A	REYA14A	REYA16A			
Capacity range		HP	10	13	16	18	20	22	24	26	28	
Recommended combination			-									
Cooling capacity	Prated,c	kW	28	36.4	44.8	50.4	55.9	61.5	67.4	73.5	78.5	
Heating capacity	Prated,h	kW	28	36.4	44.8	50.4	55.9	61.5	67.4	73.5	78.5	
	Max. 6°CWB	kW	32.0	41.0	50.0	56.5	62.5	69.0	75.0	82.5	87.5	
ηs,c		%	-									
ηs,h		%	-									
SEER			-									
SCOP			-									
Maximum number of connectable indoor units			64									
Indoor index connection	Min.		125.0	163.0	200.0	225.0	250.0	275.0	300.0	325.0	350.0	
	Max.		325.0	423.0	520.0	585.0	650.0	715.0	780.0	845.0	910.0	
Piping connections	Liquid OD	mm	9.52	12.7								
	Gas OD	mm	19.1	22.2		28.6						
	HP/LP gas OD	mm	15.9	19.1		22.2						
	Total piping System Actual length	m	1000									
Power supply	Phase/Frequency/Voltage	Hz/V	3N~/50/380-415									
Current – 50Hz	Maximum fuse amps (MFA)	A	-									

Outdoor unit module		REMA	5A
Dimensions	Unit HeightxWidthxDepth	mm	1,685x930x765
Weight	Unit	kg	230
Sound power level	Cooling Nom.	dB(A)	78.3
	Heating Prated,h	dB(A)	79.4
Sound pressure level	Cooling Nom.	dB(A)	56.3
Operation range	Cooling Min.~Max.	°CDB	-5.0~46.0
	Heating Min.~Max.	°CWB	-20.0~-15.5
Refrigerant	Type/GWP		R32 / 675
	Charge	kg/TCO ₂ Eq	9.0 / 6.08
Power supply	Phase/Frequency/Voltage	Hz/V	3N~/50/380-415
Current – 50Hz	Maximum fuse amps (MFA)	A	-

Actual number of connectable indoor units depends on the indoor unit type and the connection ratio restriction for the system (50% ≤ CR ≤ 120%) | Contains fluorinated greenhouse gases | * EU member states, UK, Bosnia-Herzegovina, Serbia, Montenegro, Kosovo, Albania, North Macedonia, Iceland, Norway, Switzerland

*Note: blue cells contain preliminary data

Multi branch selector (BSSV) for VRV 5 Heat Recovery

Specifically developed for lower GWP R-32

- › **Reduced CO₂ equivalent** thanks to the use of lower GWP R-32 refrigerant and lower refrigerant charge
- › Unique range of multi BS boxes allowing **efficient 3-pipe** heat recovery
- › No limitation on room size, thanks to **Shirudo Technology** (1)
The integrated shut-off valves in the BSSV box ensure that in case of a refrigerant leak only the specific branch is closed off.



- › Unique range of multi BS boxes allowing efficient 3-pipe heat recovery
- › **NEW** No limitation on room size, thanks to Shirudo Technology (1)
- › **NEW** Faster installation thanks to Refrigerant Flow Through reducing the number of brazing points and joint kits
- › **NEW** Easy servicing in false ceilings thanks to sliding down PCB
- › **NEW** Limited ceiling void required as the box can be installed at just 5mm from the ceiling
- › **NEW** Quick on-site settings, indication of service parameters and easy read out of errors thanks to 7 segment display
- › Up to 16kW capacity available per port
- › Connect up to 250 class unit (28kW) by combining 2 ports
- › No limit on unused ports allowing phased installation
- › Faster installation thanks to open port connection
- › Allows multi tenant applications
- › Connectable to REYA-A heat recovery units

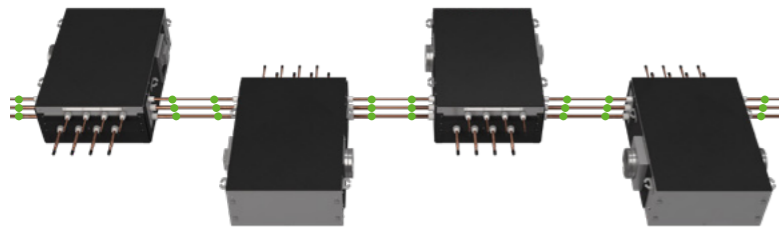


BS6A14AV1B

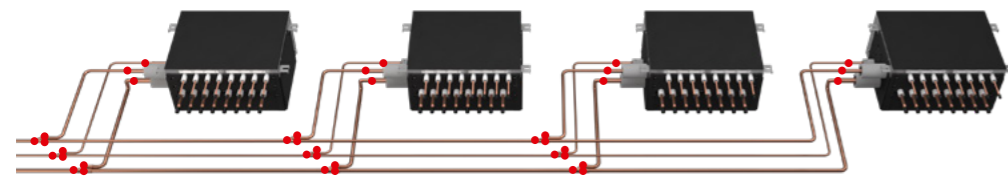
Completely redesigned for faster installation and easier servicing

- › Faster installation thanks to **Refrigerant Flow Through** reducing the number of brazing points and joint kits

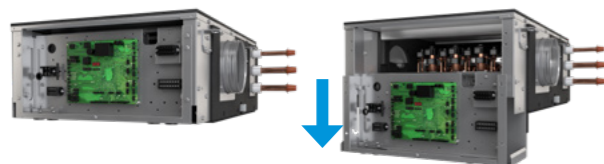
VRV 5: only 24 brazings point and no joint kits



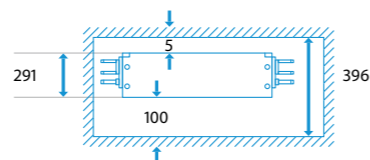
VRV 5: 39 brazing points and 3 joint kits



- › Easy servicing in false ceilings thanks to **sliding down PCB**



- › Limited ceiling void required as the box can be installed at just 5mm from the ceiling



More details and final information can be found by scanning or clicking the QR codes.



BS-A14AV1B

Branch selector		BS	4A14AV1B	6A14AV1B	8A14AV1B	10A14AV1B	12A14AV1B
Maximum number of connectable indoor units			20	30	40	50	60
Maximum number of connectable indoor units per branch				5			
Number of branches			4	6	8	10	12
Maximum capacity index of connectable indoor units			400	600		750	
Maximum capacity index of connectable indoor units per branch				140 (250 if 2 ports are combined)			
Dimensions	Unit	HeightxWidthxDepth	mm		mm		
			275x600x843	275x1,000x843		275x1,400x843	
Weight	Unit		kg		kg		
			40	60	65	85	90
Casing	Material	Galvanised steel plate					
Piping connections	Outdoor unit	Liquid	OD	mm			
				15.9 (2)			
		Gas	OD	mm			
			22.2 (2)				
	Indoor unit	Liquid	OD	mm			
			6.4 / 9.52 (3)				
	Gas	OD	mm				
		9.52 / 12.7 (3) / 15.9 (3)					
Drain		VP20 (I.D. 20/O.D. 26)					
Sound absorbing thermal insulation		Urethane foam, polyethylene foam					
Power supply	Phase	1~					
	Frequency	Hz					
		50					
	Voltage	V					
	220-440						
Maximum fuse amps (MFA)		A					
	15						

Contains fluorinated greenhouse gases | (1) Refer to Xpress selection software to ensure compliance to specific product standard. Field supplied duct and fan might be required to install the BS box in very small spaces | (2) Accessory pipes will be added to allow connection of all possible piping diameters according to piping rules | (3) Can be used by cutting pipes

*Note: blue cells contain preliminary data

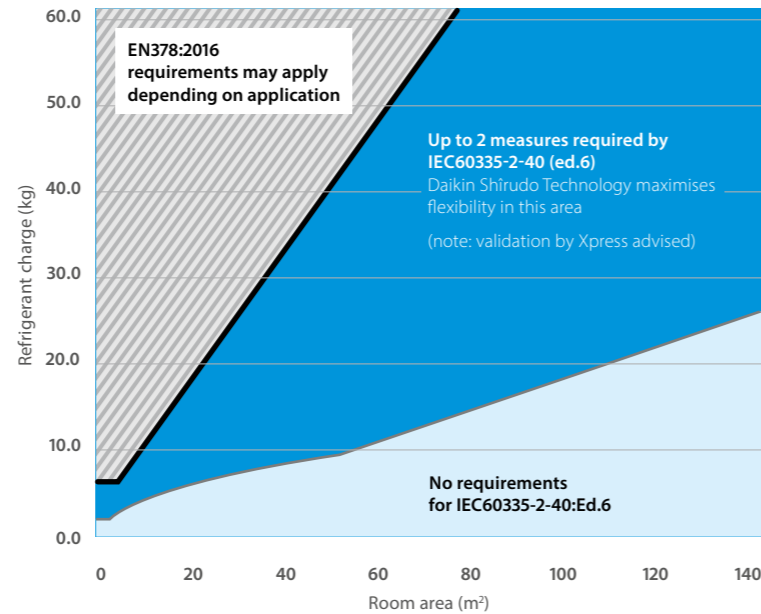
(1) Refer to Xpress selection software to ensure compliance to specific product standard. Field supplied duct and fan might be required to install the BS box in very small spaces

Did you know ...

different standards regarding F-gas safety regulations exist?

- Refrigerants can be classified according to 2 safety groups:
- › Flammability (1, 2L, 2, 3): covered by the specific heat pump standard **IEC60335-2-40 (Ed. 6)** as it prevails over EN378:2016
 - › Toxicity (A or B): covered by the generic standard on refrigerants **EN378:2016**.

Shirudo Technology focuses on offering maximum flexibility within the IEC60335-2-40 (Ed.6) requirements as limitations for flammability of A2L refrigerants are stricter than the ones for toxicity.



Peace of mind



With Shirudo Technology, Daikin ensures compliance to the product standard IEC60335-2-40 (Ed. 6) for indoor units. With factory-integrated refrigerant control measures, these systems are also the quickest and most flexible to design.

There is **no need for complex and time consuming calculations**, even for small room applications. And BSSV boxes come with a ventilated enclosure for quick and simple integration of any potential additional measures – making installation in demanding spaces easier than ever.

For stress free design of any commercial building, validate your project in our Xpress software, featuring floor plan integration.

Refrigerant control measures factory-integrated

Shirudo Technology includes 2 factory measures and sensors built into a VRV 5 system.

Integrated sensors to detect refrigerant leak.
Leak detection activates:

- 1 Audible and visual alarm**
 - › Integrated in the Madoka wired remote controller
 - › In case an additional supervisor alarm is needed it can be easily integrated
- 2 Refrigerant recovery and shut-off valves**
 - › Shut off valves of the affected refrigerant branch are closed, containing the leak
 - › The rest of the system remains in operation

Example for VRV 5 Heat Recovery

Compliance taken care of

- › No study or calculations needed on where and how to install outdoor or indoor units.
- › No need for studies to decide if and what safety measures are required.
- › Third party CB certified by a notified body (SGS CEBC).

Automatic, real time leak detection and refrigerant containment controls

- › Fully compliant to product standard (IEC60335-2-40), reducing the risk of direct CO₂ eq. impact from a refrigerant leak.
- › Real time leak detection sensors, triggering refrigerant containment safety measures in the unlikely event of a leak.

(1) Refer to Xpress selection software to ensure compliance to specific product standard. Field supplied duct and fan may be required to install the BS box in very small spaces.

VRV 5 S-series

VRV 5 indoor unit benefit overview

		Ceiling mounted cassette units	Concealed ceiling units				Wall mounted unit	Ceiling suspended units		
		FXFA-A	FXZA-A	FXDA-A	FXSA-A	NEW FXMA	FXAA-A	NEW FXHA-A	NEW FXUA-A	
We care	Home leave operation	Maintains the indoor temperature at your specified comfort level during absence, thus saving energy.	●	●	●	●	●	●	●	
	Fan only	The unit can be used as fan, blowing air without heating or cooling.	●	●	●	●	●	●	●	
	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.	○		○					
	Floor and presence sensor	The presence sensor directs the air away from any person detected in the room, when the air flow control is on. 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.	● (2)	● (2)	● (2)	● (2)	● (2)	● (2)	● (2)	
Humidity control	Dry programme	Allows humidity levels to be reduced without variations in room temperature.	●	●	●	●	●	●	●	
Air flow	Ceiling soiling prevention	Prevents air from blowing out too long in horizontal position, to prevent ceiling stains.	●	●						
	Vertical auto swing	Possibility to select automatic vertical moving of the air discharge flaps for efficient air and temperature distribution throughout the room.	●	●			●	●	●	
	Fan speed steps	Allows to select up to the given number of fan speed.	5 + auto	3 + auto	3	3 + auto	3 (50-125) 3 + auto (200-250)	3 + auto	3	3 + auto
	Individual flap control	Individual flap control via the wired remote controller enables you to easily fix the position of each flap individually, to suit any new room configuration. Optional closure kits are available as well.	●	●						●
Remote control & timer	Onecta controller (BRP069C51)	Control your indoor climate from any location via smartphone or tablet.	○	○	○	○	○	○	○	○
	Weekly timer	Can be set to start heating or cooling anytime on a daily or weekly basis.	○	○	○	○	○	○	○	○
	Infrared remote control	Starts, stops and regulates the air conditioner from a distance.	○ (1)	○ (1)	○ (1)	○ (1)	○ (1)	○ (1)	○ (1)	○ (1)
	Wired remote control	Starts, stops and regulates the air conditioner.	● (3)	● (3)	● (3)	● (3)	● (3)	● (3)	● (3)	● (3)
	Centralised control	Starts, stops and regulates several air conditioners from one central 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.	●	●	●	●	●	○	○	●
	Multi tenant	The indoor unit's main power supply can be turned off when leaving the hotel or office building.	●	●	●	●	●			

● standard, ○ optional

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

(2) Pre filter

(3) BRCH52W/S/K is a required option



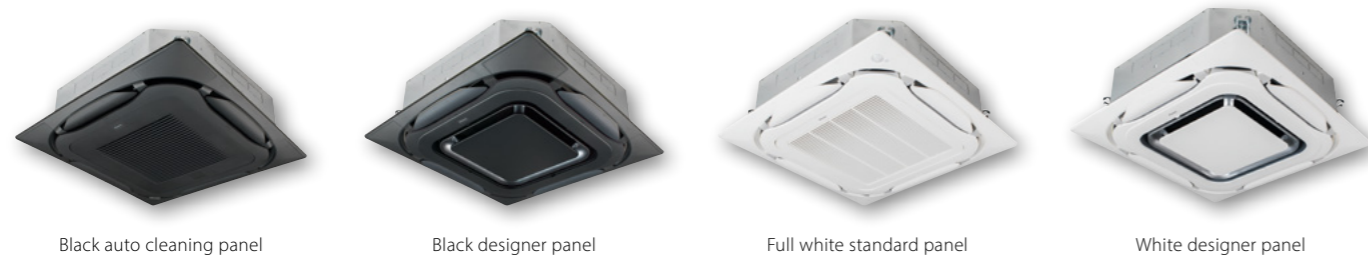


The most comfortable cassette
just got better

New round flow cassette

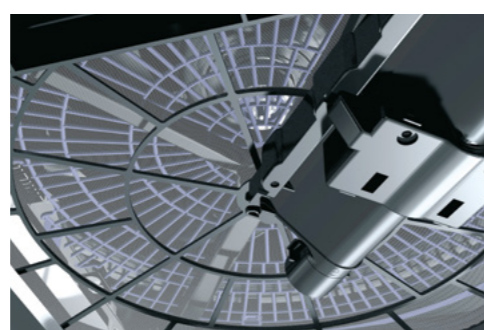


- › **Bigger louvers** and **new sensor logic** further improves equal air distribution in the room
- › **Widest ever choice in panels** for cassette units, with up to 8 different panels



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

- › **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

FXFA-A

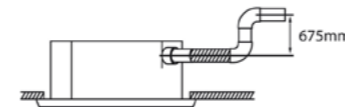


BLUEVOLUTION

Round flow cassette

360° air discharge for optimum efficiency and comfort

- › Optimised design for R-32 refrigerant
- › Optional automatic filter cleaning panel 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 panels in white (RAL9010) and black (RAL9005) and standard panels in white (RAL9010) with grey louvers or full white
- › Bigger flaps and unique swing pattern improve equal air distribution
- › Individual flap 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
- › Standard drain pump with 675mm lift increases flexibility and installation speed



FXFA-A



BRC1H52W, BRP069C51



White panel

White auto cleaning panel

Black panel

Black design panel



More details and final information can be found by scanning or clicking the QR codes.



Indoor Unit		FXFA	20A	25A	32A	40A	50A	63A	80A	100A	125A	
Cooling capacity	Total capacity	kW	2.20	2.80	3.60	4.50	5.60	7.10	9.00	11.20	14.00	
	At high fan speed	kW	2.50	3.20	4.00	5.00	6.30	8.00	10.00	12.50	16.00	
Heating capacity	Total capacity	kW		0.017		0.018	0.023	0.028	0.045	0.078	0.103	
	At high fan speed	kW		0.017		0.018	0.023	0.028	0.045	0.078	0.103	
Power input – 50Hz	Cooling	kW										
	Heating	kW										
Dimensions	Unit	mm	204x840x840			246x840x840			288x840x840			
	HeightxWidthxDepth	mm	18			19			21			
Weight	Unit	kg	18			19			21			
	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									
	Dimensions	mm	Standard panels: 65x950x950 / Auto cleaning panels: 148x950x950 / Designer panels: 106x950x950									
Fan	Weight	kg	Standard panels: 5.5 / Auto cleaning panels: 10.3 / Designer panels: 6.5									
	Air flow rate – 50Hz	Cooling	H/MH/M/ML/L	m ³ /min	12.8/11.8/10.7/9.8/8.9	14.8/13.7/12.6/11.5/10.4	15.1/14.0/12.8/11.8/10.7	16.6/15.0/13.3/12.0/10.7	23.3/21.7/19.3/17.5/13.8	28.8/25.1/21.2/17.5/13.8	33.0/30.2/27.4/24.0/20.6	
Air filter	Type		Resin net									
	Sound power level	Cooling	At high fan speed	dB(A)	49.0 (4)			51.0 (4)			53.0 (4)	
Sound pressure level	Cooling	H/MH/M/ML/L	dB(A)	31.0/30.0/29.0/29.5/28.0 (4)			33.0/32.0/31.0/30.0/29.0 (4)			35.0/34.0/33.0/32.0/30.0 (4)		
	Heating	H/MH/M/ML/L	dB(A)	31.0/30.0/29.0/29.5/28.0 (4)			33.0/32.0/31.0/30.0/29.0 (4)			35.0/34.0/33.0/32.0/30.0 (4)		
Refrigerant	Type/GWP		R-32/675.0									
	Piping connections	Liquid	OD	mm	6.35			12.70			9.52	
Power supply	Gas	OD	mm	9.52			12.70			15.90		
	Phase/Frequency/Voltage	Hz/V	1~/50/60/220-240/220									
Current – 50Hz	Maximum fuse amps (MFA)	A	6									
	Control systems	Infrared remote control	BRC7FA532F / BRC7FB532F / BRC7FA532FB / BRC7FB532FB (2)									
Control systems	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. | (3) L/ML/M/MH/H are the different fan speeds available. L= low; ML= medium low; M= medium; MH= medium high; H= high | (4) Sound of designer panel: +3dB | Contains fluorinated greenhouse gases

Fully Flat Cassette

Design & Genius in one



Why choose fully flat cassette

- › Unique design in the market that integrates fully flat into the ceiling
- › Advanced technology and top efficiency combined
- › Most quiet cassette available on the market

FXZQ-A



Choice between grey or white panel

Benefits for the installer

- › Unique product in the market!
- › Most quiet unit (25dBA)
- › The user-friendly remote control, available in several languages, enables the easy set-up of sensor option and control of the individual flap position
- › Meeting European design taste.

Benefits for the consultant

- › Unique product in the market!
- › Blends seamlessly in any modern office interior design
- › Ideal product to improve BREEAM score/EPBD in combination with Sky Air (FFA*) or VRV IV heat pump units (FXZQ*).

Benefits for the end user

- › Engineering excellence and unique design in one
- › Most quiet unit (25dBA)
- › Perfect working conditions: no more cold draughts
- › Save up to 27% on your energy bill thanks to the optional sensors
- › Flexible usage of space and suits any room configuration thanks to individual flap control
- › User-friendly remote control, available in several languages.

FXZA-A

BLUEEVOLUTION

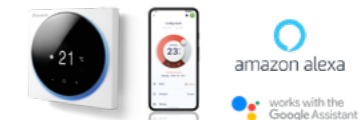
Fully flat cassette

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

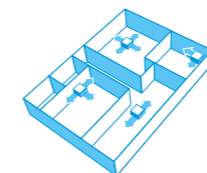
- › Optimised design for R-32 refrigerant
- › Fully flat integration in standard architectural ceiling tiles, leaving only 8mm
- › Remarkable blend of iconic design and engineering excellence with an elegant finish in white or a combination of silver and white
- › Two optional intelligent sensors improve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



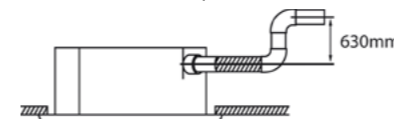
FXZA-A



BRC1H52W, BRP069C51



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



More details and final information can be found by scanning or clicking the QR codes.



Indoor Unit		FXZA		15A	20A	25A	32A	40A	50A		
Cooling capacity	Total capacity	At high fan speed		kW	1.70	2.20	2.80	3.60	4.50	5.60	
	Heating capacity	Total capacity	At high fan speed		kW	1.90	2.50	3.20	4.00	5.00	6.30
Power input – 50Hz	Cooling	At high fan speed		kW	0.018		0.020	0.019	0.029	0.048	
	Heating	At high fan speed		kW	0.018		0.020	0.019	0.029	0.048	
Dimensions	Unit	HeightxWidthxDepth		mm	260 x575 x575						
Weight	Unit			kg	15.5		16.5		18.5		
Casing	Material	Galvanised steel plate									
Decoration panel	Model	BYFQ60C4W1W									
	Colour	White (N9.5)									
	Dimensions	HeightxWidthxDepth		mm	46 x620 x620						
Decoration panel 2	Model	BYFQ60C4W1S									
	Colour	SILVER									
	Dimensions	HeightxWidthxDepth		mm	46 x620 x620						
Decoration panel 3	Model	BYFQ60B3W1 + wire harness EKRS23									
	Colour	WHITE (RAL9010)									
	Dimensions	HeightxWidthxDepth		mm	55 x700 x700						
Fan	Air flow rate – 50Hz	Cooling	At high/medium/low fan speed		m³/min	8.5/7.0/6.5	8.7/7.5/6.5	9.0/8.0/6.5	10.0/8.5/7.0	11.5/9.5/8.0	14.0/12.5/10.0
		Heating	At high/medium/low fan speed		m³/min	8.5/7.0/6.5	8.7/7.5/6.5	9.0/8.0/6.5	10.0/8.5/7.0	11.5/9.5/8.0	14.0/12.5/10.0
Air filter	Type	Resin net									
Sound power level	Cooling	At high fan speed		dBA	49		50	51	54	60	
	Heating	At high/medium/low fan speed		dBA	31.5/28.0/25.5	32.0/29.5/25.5	33.0/30.0/25.5	33.5/30.0/26.0	37.0/32.0/28.0	43.0/40.0/33.0	
Sound pressure level	Cooling	At high/medium/low fan speed		dBA	31.5/28.0/25.5	32.0/29.5/25.5	33.0/30.0/25.5	33.5/30.0/26.0	37.0/32.0/28.0	43.0/40.0/33.0	
	Heating	At high/medium/low fan speed		dBA	31.5/28.0/25.5	32.0/29.5/25.5	33.0/30.0/25.5	33.5/30.0/26.0	37.0/32.0/28.0	43.0/40.0/33.0	
Refrigerant	Type/GWP	R-32/675.0									
Piping connections	Liquid	OD			mm	6.35					
		Gas			mm	9.52		12.70			
	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	6						
Control systems	Infrared remote control	BRC7F530W (white panel) / BRC7F530S (grey panel) / BRC7EB530W (standard panel) (1)									
Control systems	Wired remote control	BRC1H52W/S/K									

Dimensions do not include control box | (1) Must be combined with Madoka wired remote controller* feature | Contains fluorinated greenhouse gases

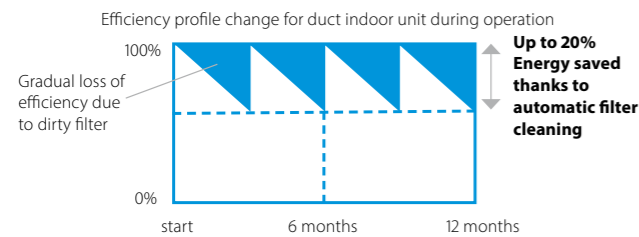
Auto cleaning filter for concealed ceiling units



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

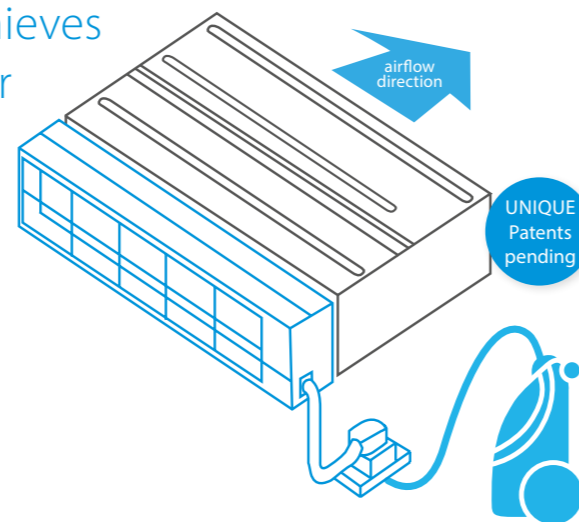
Unique technology

- › 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



Specifications

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

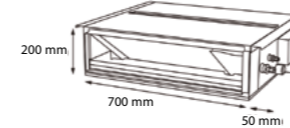
FXDA-A

Slim concealed ceiling unit

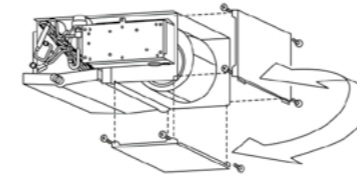
Slim design for flexible installation

- › 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

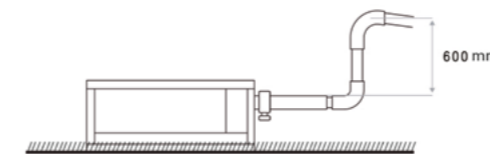
SERIE A (15, 20, 25, 32)



- › 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 600mm lift increases flexibility and installation speed



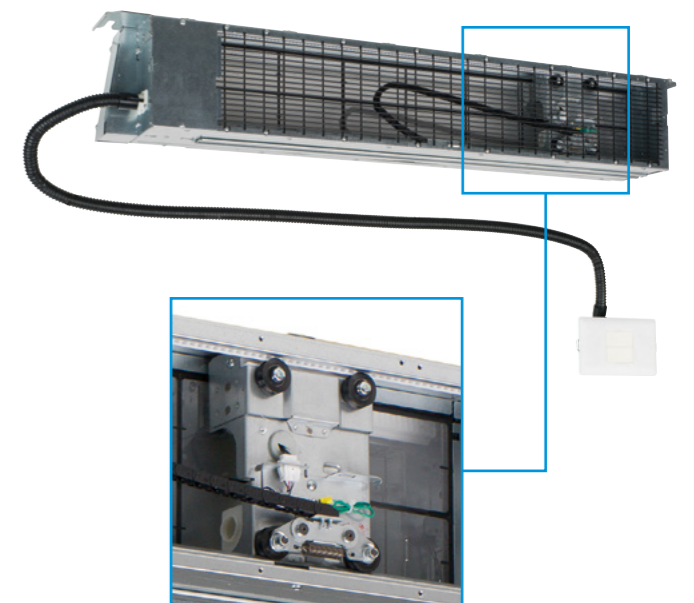
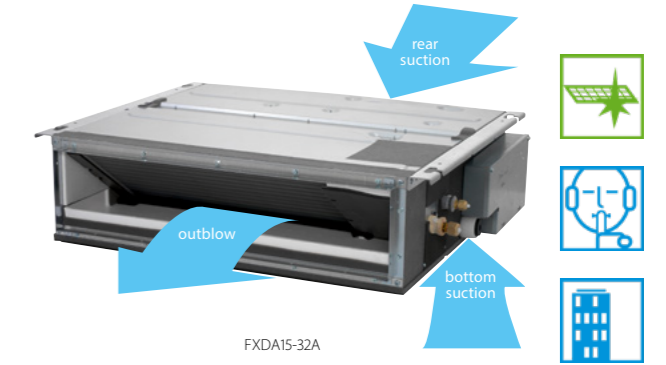
More details and final information can be found by scanning or clicking the QR codes.



FXDA-A

Indoor Unit				FXDA	10A	15A	20A	25A	32A	40A	50A	63A
Cooling capacity	Total capacity	At high fan speed	kW	1.10	1.70	2.20	2.80	3.60	4.50	5.60	7.10	
Heating capacity	Total capacity	At high fan speed	kW	1.30	1.90	2.50	3.20	4.00	5.00	6.30	8.00	
Power input - 50Hz	Cooling	At high fan speed	kW	0.026	0.035	0.030	0.035	0.038	0.049	0.058		
		Heating	At high fan speed	kW	0.026	0.035	0.030	0.035	0.038	0.049	0.058	
Required ceiling void >			mm	240								
Dimensions	Unit	HeightxWidthxDepth	mm	200x750x620			200x950x620			200x1,150x620		
Weight	Unit		kg	22.0			23.0			26.5		
Casing	Material			Galvanised steel								
Fan	Air flow rate - 50Hz	Cooling	At high/medium/low fan speed	m ³ /min	5.2/4.9/4.7	6.5/6.2/5.8	8.0/7.2/6.4			10.5/9.5/8.5	12.5/11.0/10.0	16.5/14.5/13.0
		Heating	At high/medium/low fan speed	m ³ /min	5.2/4.9/4.7	6.5/6.2/5.8	8.0/7.2/6.4			10.5/9.5/8.5	12.5/11.0/10.0	16.5/14.5/13.0
	External static pressure - 50Hz	Factory set / High	Pa	10/30			15/44					
Air filter	Type			Removable / washable								
Sound power level	Cooling	At high fan speed	dB(A)	48	50	51			52	53	54	
Sound pressure level	Cooling	At high/medium/low fan speed	dB(A)	29.0/28.0/26.0	32.0/31.0/27.0	33.0/31.0/27.0			34.0/32.0/28.0	35.0/33.0/29.0	36.0/34.0/30.0	
		Heating	At high/medium/low fan speed	dB(A)	29.0/28.0/26.0	32.0/31.0/27.0	33.0/31.0/27.0			34.0/32.0/28.0	35.0/33.0/29.0	36.0/34.0/30.0
Refrigerant	Type/GWP			R-32/675.0								
Piping connections	Liquid	OD	mm	6.35								
		Gas	OD	mm	9.52			12.70				
	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		6								
Control systems	Infrared remote control			BRC4C65 / BRC4C66 (1)								
	Wired remote control			BRC1H52W/S/K								

(1) Must be combined with Madoka wired remote controller | Contains fluorinated greenhouse gases



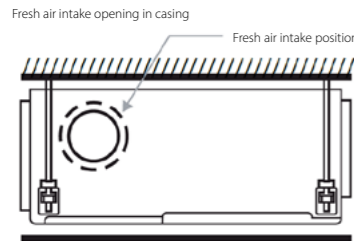
Concealed ceiling unit with medium ESP

Slimmest yet most powerful medium static pressure unit on the market

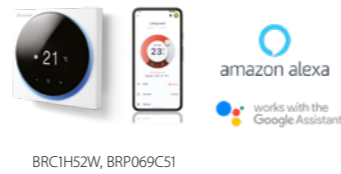
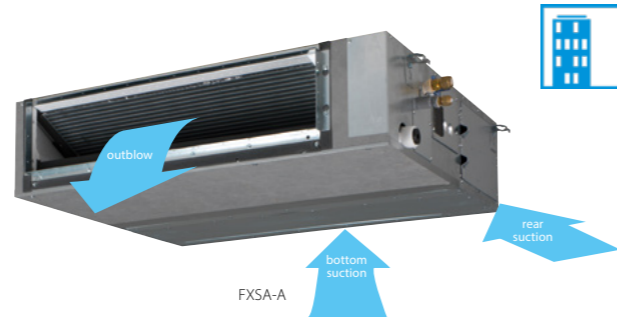
- Optimised design for R-32 refrigerant
- Slimmest unit in class, only 245mm (300mm built-in height) and therefore narrow ceiling voids are no longer a challenge



- 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
- Fresh air intake integrated in the same system thus reducing installation cost as no additional ventilation device is required

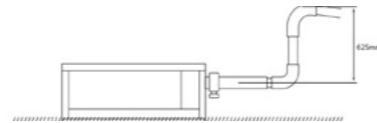


* Brings in up to 10% of fresh air into the room



BRC1H52W, BRP069C51

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

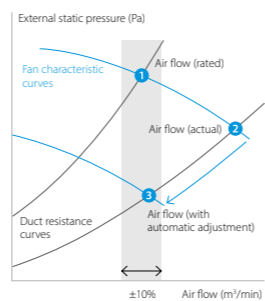


Automatic Airflow Adjustment function

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



More details and final information can be found by scanning or clicking the QR codes.

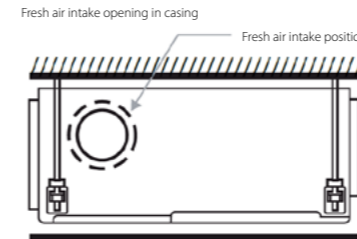
Indoor Unit		FXSA	15A	20A	25A	32A	40A	50A	63A	80A	100A	125A	140A		
Cooling capacity	Total capacity	kW	1.70	2.20	2.80	3.60	4.50	5.60	7.10	9.00	11.20	14.00	16.00		
	At high fan speed	kW													
Heating capacity	Total capacity	kW	1.90	2.50	3.20	4.00	5.00	6.30	8.00	10.00	12.50	16.00	18.00		
	At high fan speed	kW													
Power input - 50Hz	Cooling	kW		0.046	0.049	0.094	0.096	0.106	0.143	0.176	0.216	0.272			
	Heating	kW		0.046	0.049	0.094	0.096	0.106	0.143	0.176	0.216	0.272			
Dimensions	Unit	mm	245x550x800				245x700x800			245x1,000x800		245x1,400x800		245x1,550x800	
	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	m ³ /min	8.7/7.5/6.5	9.0/7.5/6.5	9.5/8.0/7.0	15.0/12.5/11.0	15.2/12.5/11.0	21.0/18.0/15.0	23.0/19.5/16.0	32.0/27.0/23.0	36.0/31.5/26.0	39.0/34.0/28.0		
		Heating	m ³ /min	8.7/7.5/6.5	9.0/7.5/6.5	9.5/8.0/7.0	15.0/12.5/11.0	15.2/12.5/11.0	21.0/18.0/15.0	23.0/19.5/16.0	32.0/27.0/23.0	36.0/31.5/26.0	42.5/34.0/28.0		
	External static pressure - 50Hz	Pa			30/150					40/150		50/150			
Air filter	Type		Resin net												
Sound power level	Cooling	dBA	54				55			60		59		61	64
	At high fan speed	dBA	54				55			60		59		61	64
Sound pressure level	Cooling	dBA	29.5/28.0/25.0	30.0/28.0/25.0	31.0/29.0/26.0	35.0/32.0/29.0	33.0/30.0/27.0	35.0/32.0/29.0	36.0/34.0/31.0	39.0/36.0/33.0	41.5/38.0/34.0				
	Heating	dBA	31.5/29.0/26.0	32.0/29.0/26.0	33.0/30.0/27.0	37.0/34.0/29.0	35.0/32.0/28.0	37.0/34.0/30.0	37.0/34.0/31.0	40.0/37.0/33.0	42.0/38.5/34.0				
Refrigerant	Type/GWP		R-32/675.0												
	Gas OD	mm	6.35				12.70			9.52		15.90			
Piping connections	Liquid	mm	6.35				12.70			9.52		15.90			
	Gas OD	mm	9.52				12.70			9.52		15.90			
Power supply	Phase/Frequency/Voltage	Hz/V	1~/50/60/220-240/220												
	Maximum fuse amps (MFA)	A	6												
Control systems	Infrared remote control		BRC4C65 / BRC4C66 (1)												
	Wired remote control		BRC1H52W/S/K												

(1) Must be combined with Madoka wired remote controller | Contains fluorinated greenhouse gases

Concealed ceiling unit with high ESP

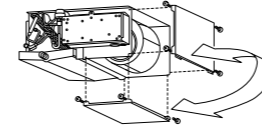
Ideal for large sized spaces ESP up to 270 Pa

- Optimised for R-32 refrigerant
- Possibility to change ESP via wired remote control allows optimisation of the supply air volume
- High external static pressure up to 270Pa facilitates extensive duct and grille network
- Discretely concealed in the wall: only the suction and discharge grilles are visible
- Fresh air intake integrated in the same system thus reducing installation cost as no additional ventilation device is required (50-125 class)



* Brings in up to 10% of fresh air into the room

- Flexible installation, as the air suction direction can be altered from rear to bottom suction (50-125 class)

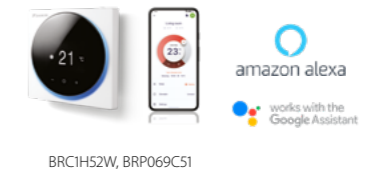
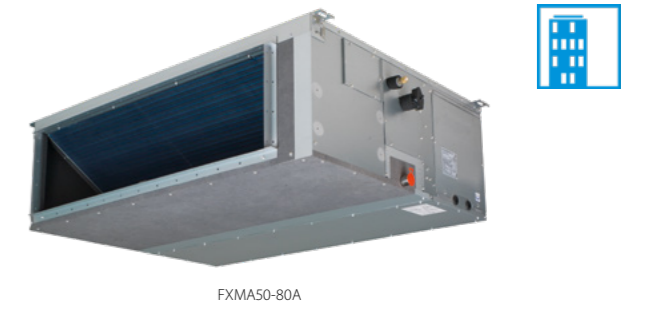
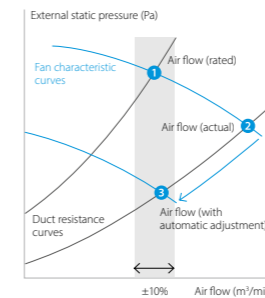


Automatic Airflow Adjustment function

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

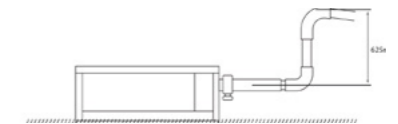
Why?

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



BRC1H52W, BRP069C51

- Standard built-in drain pump with 625mm lift increases flexibility and installation speed (optional for 200-250)



- High external static pressure up to 270Pa facilitates extensive duct and grille network
- Large capacity unit: up to 31.5 kW heating capacity

More details and final information can be found by scanning or clicking the QR codes.



Indoor Unit		FXMA	50A	63A	80A	100A	125A	200A	250A	
Cooling capacity	Total capacity	kW	5.6	7.1	9.0	11.2	14.0	22.4	28.0	
	At high fan speed	kW								
Heating capacity	Total capacity	kW	6.3	8.0	10.0	12.5	16.0	25.0	31.5	
	At high fan speed	kW								
Power input - 50Hz	Cooling	kW	0.121	0.132	0.198	0.214	0.254	0.895	1.185	
	Heating	kW								
Required ceiling void >	mm	350								
Dimensions	Unit	mm	300x1,000x700				300x1,400x700		470x1,380x1,100	
	HeightxWidthxDepth	mm	300x1,000x700				300x1,400x700		470x1,380x1,100	
Weight	Unit	kg	35		46		132			
Fan	Air flow rate - 50Hz	Cooling	m ³ /min	18.0/16.5/15.0	19.5/17.5/16.0	25.0/22.5/20.0	32.0/27.5/23.0	36/30/26	58/-/50	72/-/62
		Heating	m ³ /min							
External static pressure - 50Hz	Factory set / High	Pa	100/200				160/270		170/270	
	Resin net	Pa								
Air filter	Type		Resin net							
Sound power level	Cooling	dBA	61.0/-/-	64.0/-/-	67.0/-/-	65.0/-/-	70.0/-/-	75	76	
	At high fan speed	dBA	61.0/-/-	64.0/-/-	67.0/-/-	65.0/-/-	70.0/-/-	75	76	
Sound pressure level	Cooling	dBA	41.0/-/37.0	42.0/-/38.0	43.0/-/39.0		44.0/-/40.0	48/-/45		
	Heating	dBA	41.0/-/37.0	42.0/-/38.0	43.0/-/39.0		44.0/-/40.0	-/-/		
Refrigerant	Type/GWP		R-32/675							
	Liquid	mm	6.35				9.52		22.2	
Piping connections	Gas OD	mm	12.7				15.9		19.1	
	Drain	mm	VP25 (I.D. 25/O.D. 32)				PS1B			
Power supply	Phase/Frequency/Voltage	Hz/V	1~/50/60/220-240/220							
	Maximum fuse amps (MFA)	A	16							
Control systems	Infrared remote control		BRC4C65							
	Wired remote control		BRC1H52W/S/K							

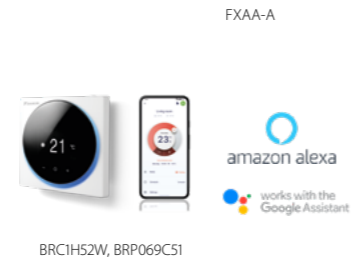
Contains fluorinated greenhouse gases

*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



3 fan speeds available!

More details and final information can be found by scanning or clicking the QR codes.



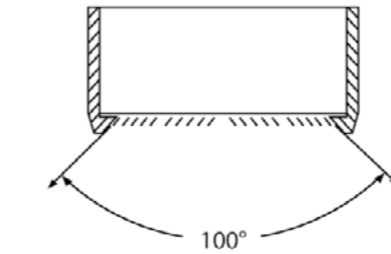
Indoor Unit		FXAA	15A	20A	25A	32A	40A	50A	63A
Cooling capacity	Total capacity	kW							
	At high fan speed	1.7	2.2	2.8	3.6	4.5	5.6	7.1	
Heating capacity	Total capacity	kW							
	At high fan speed	1.9	2.5	3.2	4.0	5.0	6.3	8.0	
Power input – 50Hz	Cooling	kW							
	At high fan speed	0.017	0.019	0.028	0.030	0.025	0.033	0.050	
Heating	At high fan speed	0.025	0.029	0.034	0.035	0.030	0.039	0.060	
	Unit	290x795x266				290x1,050x269			
Dimensions	HeightxWidthxDepth	mm							
Weight	Unit	12				15			
Fan	Air flow rate – 50Hz	m³/min							
	Cooling	7.1/6.8/6.5	7.9/7.2/6.5	8.3/7.4/6.5	9.4/8.0/6.5	12.2/11.0/9.8	14.2/12.6/10.9	18.2/15.5/12.9	
Heating	At high/medium/low fan speed								
	At high/medium/low fan speed	7.8/7.1/6.5	8.6/7.5/6.5	9.0/7.7/6.5	9.9/8.2/6.5	12.2/11.0/9.8	15.2/13.7/12.1	18.7/16.4/14.1	
Air filter	Type	Removable / washable							
Sound power level	Cooling	dB(A)							
	At high fan speed	51.0	52.0	53.0	55.0	58.0	63.0		
Sound pressure level	Cooling	dB(A)							
	At high/medium/low fan speed	32.0/30.5/28.5	33.0/31.0/28.5	35.0/32.0/28.5	37.5/33.0/28.5	37.0/35.5/33.5	41.0/38.5/35.5	46.5/42.5/38.5	
Heating	At high/medium/low fan speed	33.0/31.0/28.5	34.0/31.5/28.5	36.0/32.5/28.5	38.5/33.5/28.5	38.0/36.0/33.5	42.0/39.0/35.5	47.0/43.0/38.5	
	Type/GWP	R-32/675.0							
Piping connections	Liquid	mm							
	OD	6.35				9.52			
Gas	OD	mm							
	Drain	VP13 (I.D. 15/O.D. 18)							
Power supply	Phase/Frequency/Voltage	Hz/V							
Current – 50Hz	Maximum fuse amps (MFA)	A							
Control systems	Infrared remote control	BRC7EA630 (1)							
	Wired remote control	BRC1H52W/S/K							

(1) Must be combined with Madoka wired remote controller | Contains fluorinated greenhouse gases

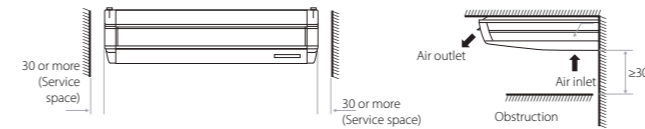
Ceiling suspended unit

For wide rooms with no false ceilings nor free floor space

- › Optimised for R-32 refrigerant
- › Ideal for comfortable air flow in wide rooms thanks to Coanda effect: up to 100° discharge angle



- › Even rooms with ceilings up to 3.8m can be heated up or cooled down very easily without capacity loss
- › Can easily be installed in both new and refurbishment projects
- › Can easily be mounted in corners and narrow spaces, as it only needs 30mm lateral service space



- › Fresh air intake integrated in the same system thus reducing installation cost as no additional ventilation device is required



* Brings in up to 10% of fresh air into the room

- › Stylish unit blends easily with any interior. The flaps close entirely when the unit is not operating and there are no air intake grilles visible

More details and final information can be found by scanning or clicking the QR codes.



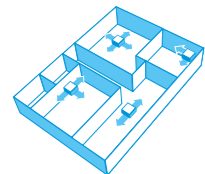
Indoor Unit		FXHA	32A	50A	63A	100A
Cooling capacity	Total capacity	kW				
	At high fan speed	3.6	5.6	7.1	11.2	
Heating capacity	Nom.	kW				
	At high fan speed	4.0	6.3	8.0	12.5	
Power input – 50Hz	Cooling	kW				
	At high fan speed	0.033	0.037	0.051	0.086	
Heating	At high fan speed	0.033	0.037	0.051	0.086	
	Unit	235x960x690		235x1,270x690		235x1,590x690
Dimensions	HeightxWidthxDepth	mm				
Weight	Unit	28		36		43
Casing	Material	Resin, sheet metal				
Fan	Air flow rate – 50Hz	m³/min				
	Cooling	12.5/11.0/10.0	16.0/14.0/12.5	17.5/15.0/13.0	27.0/22.0/19.0	
Heating	At high/medium/low fan speed					
	At high/medium/low fan speed	12.5/11.0/10.0	16.0/14.0/12.5	17.5/15.0/13.0	27.0/22.0/19.0	
Air filter	Type	Resin net with mold resistance				
Sound power level	Cooling	dB(A)				
	At high/medium/low fan speed	54.0/52.0/49.0	54.0/52.0/50.0	55.0/53.0/52.0	62.0/55.0/52.0	
Sound pressure level	Cooling	dB(A)				
	At high/medium/low fan speed	36.0/34.0/31.0	36.5/34.5/33.0	37.0/35.0/34.0	44.0/37.0/34.0	
Heating	At high/medium/low fan speed	36.0/34.0/31.0	36.5/34.5/33.0	37.0/35.0/34.0	44.0/37.0/34.0	
	Type/GWP	R-32/675				
Piping connections	Liquid	mm				
	OD	6.4		9.52		
Gas	OD	mm				
	Drain	9.52		12.7		15.9
Power supply	Phase/Frequency/Voltage	Hz/V				
Current – 50Hz	Maximum fuse amps (MFA)	A				
Control systems	Infrared remote control	BRC7GA53-9				
	Wired remote control	BRC1H52W/S/K				

Contains fluorinated greenhouse gases

4-way blow ceiling suspended unit

Unique Daikin unit for high rooms with no false ceilings nor free floor space

- › Optimised for R-32 refrigerant
- › Even rooms with ceilings up to 3.5m can be heated up or cooled down very easily without capacity loss
- › Can easily be installed in both new and refurbishment projects
- › Individual flap control: flexibility to suit every room layout without changing the location of the unit!



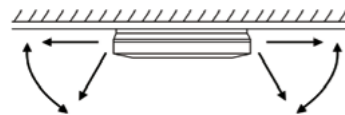
FXUA-A



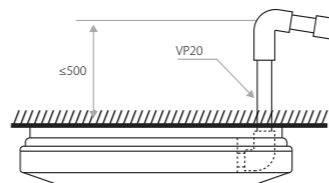
BRC1H52W, BRP069C51



- › Stylish unit blends easily with any interior. The flaps close entirely when the unit is not operating and there are no air intake grilles visible
- › Optimum comfort guaranteed with automatic air flow adjustment to the required load
- › 5 different discharge angles between 0 and 60° can be programmed via the remote control



- › Standard drain pump with 720mm lift increases flexibility and installation speed



More details and final information can be found by scanning or clicking the QR codes.



		NEW capacity range											
Indoor Unit		FXUA		50A		71A		100A					
Cooling capacity	Total capacity	At high fan speed		kW		5.6		8.0		11.2			
	Heating capacity		Total capacity		At high fan speed		kW		6.3		9.0		12.5
Power input – 50Hz	Cooling	At high fan speed		kW		0.029		0.055		0.117			
	Heating	At high fan speed		kW		0.029		0.055		0.117			
Dimensions	Unit	HeightxWidthxDepth		mm		198x950x950							
Weight	Unit			kg		27				28			
Casing	Material					Resin							
Fan	Type					Turbo fan							
	Quantity					1							
Air flow rate – 50Hz	Cooling	At high/medium/low fan speed		m³/min		17.0/14.5/13.0		22.5/18.5/16.0		31.0/25.5/21.0			
	Heating	At high/medium/low fan speed		m³/min		17.0/14.5/13.0		22.5/18.5/16.0		31.0/25.5/21.0			
Air filter	Type					Resin net							
Sound power level	Cooling	At high/medium/low fan speed		dBA		55.0/53.0/51.0		58.0/56.0/54.0		65.0/62.0/58.0			
	Heating	At high/medium/low fan speed		dBA		55.0/53.0/51.0		58.0/56.0/54.0		65.0/62.0/58.0			
Sound pressure level	Cooling	At high/medium/low fan speed		dBA		37.0/35.0/33.0		40.0/38.0/36.0		47.0/44.0/40.0			
	Heating	At high/medium/low fan speed		dBA		37.0/35.0/33.0		40.0/38.0/36.0		47.0/44.0/40.0			
Refrigerant	Type/GWP					R-32/675							
Piping connections	Liquid	OD	mm		6.4		9.52						
	Gas	OD	mm		12.7		15.9						
Drain					VP20								
Power supply	Phase/Frequency/Voltage	Hz/V				1~/50/60/220-240/220							
Current – 50Hz	Maximum fuse amps (MFA)	A				6							
Control systems	Infrared remote control					BRC7CB58 / BRC7CB59							
	Wired remote control					BRC1H52W/S/K							

Contains fluorinated greenhouse gases



Outdoor units

		VRV Heat Recovery	
		REVA8-20A REMA5A	2 module systems
Kits	Heater tape kit – Optional electrical heater to guarantee trouble-free operation in extremely cold and humid climates (one per outdoor unit needed)	5 / 8-12: EKBP102T 14-20: EKBP1020T	
	Multi-module connection kit (obligatory) – Connects multiple modules into a single refrigerant system		BHFQ23P907

BSSV Boxes

		VRV Heat Recovery
		BS-A14AV1B
	EKBSDCCK – Duct connection: To connect extraction of BSSV boxes in serial	•
	EKBSJK – Joint kit for branch selector (BS) boxes: To couple 2 BS box branches to connect larger capacity indoor units	•
	K-KDU503KVE – Drain pump kit *to expand our VRV portfolio with the launch of the VRV 5 Heat Recovery system and a VRV 5 heat pump in the near future.	•

		Ceiling mounted cassette units		Concealed ceiling units (duct units)			Ceiling suspended units		Wall mounted units
		Round flow (800x800)	4-way (600x600)	Slim	Medium ESP	High ESP	1-way blow	4-way blow	
		FXFA-A	FXZA-A	FXDA-A	FXSA-A	FXMA-A	FXHA-A	FXUA-A	FXAA-A
Panels	Decoration panel (obligatory for cassette units, optional for others, rear panel for FXLQ)	Standard panels: BYCQ140E (white) / BYCQ140EW (full white)(3) / BYCQ140EB (black) Auto cleaning (5)(6): BYCQ140EGF (white) / BYCQ140EGFB (black) Designer panels: BYCQ140EP (white) / BYCQ140EPB (black)	R-32 model: BYFQ60C4W1W (white panel) (19) BYFQ60C4W1S (grey panel) (19) BYFQ60B3W1 (standard panel) (20)						
	Panel spacer for reducing required installation height		KDBQ44B60 (Standard panel)						
	Sealing kit for 3- or 2-directional air discharge	KDBHQ56B140 (7)	BDBHQ44C60 (white & grey panel)						KDBHP49B140 + KDBTP49B140
Individual control systems	Sensor kit	BRYQ140B (white panels) BRYQ140BB (black panels) BRYQ140C (white designer panel) BRYQ140CB (black designer panel)	R-32 models: BRYQ60A3W (white) BRYQ60A3S (grey)					BRE49B2F	
	Infrared remote control (incl. receiver)	BRC7FA532F (white panels) (7)(15) BRC7FA532FB (black panels) (7)(15) BRC7FB532F (white designer panel) (7)(15) BRC7FB532FB (black designer panel) (7)(15)	BRC7F530W (9) (10) (white panel) BRC7F530S (9) (10) (grey panel) BRC7EB530W (9) (10) (standard panel)	BRC4C65	BRC4C65	BRC4C65	BRC7GA53-9	BRC7C58	BRC7EA630
	BRP069C51 – Onecta app Madoka BRC1H52W (White) / BRC1H52S (Silver) / BRC1H52K (Black) User-friendly wired remote controller with premium design	• (mandatory)	• (mandatory)	• (mandatory)	• (mandatory)	• (mandatory)	• (mandatory)	• (mandatory)	• (mandatory)
Centralised control systems	DCC601A51 – intelligent Tablet Controller	•	•	•	•	•	•	•	•
	DCS601C51 (I2) – intelligent Touch Controller	•	•	•	•	•	•	•	•
	DCS302C51 (I2) – Central remote controller	•	•	•	•	•	•	•	•
	DCS301B51 (I2) (I3) – Unified ON/OFF controller	•	•	•	•	•	•	•	•
	RTD-NET – Modbus interface for monitoring and control	•	•	•	•	•	•	•	•
	RTD-10 – Modbus interface for infrastructure cooling	•	•	•	•	•	•	•	•
Building Management System & Standard protocol interfaces for individual control	RTD-20 – Modbus interface for retail	•	•	•	•	•	•	•	•
	RTD-HO – Modbus interface for hotel	•	•	•	•	•	•	•	•
	KLIC-DI – KNX Interface	•	•	•	•	•	•	•	•
	DCM601A51 – intelligent Touch Manager	•	•	•	•	•	•	•	•
	EKMBDXB – Modbus interface	•	•	•	•	•	•	•	•
	DCM010A51 – Daikin PMS interface	•	•	•	•	•	•	•	•
	DMS502A51 – BACnet Interface	•	•	•	•	•	•	•	•
	DMS504B51 – LonWorks Interface	•	•	•	•	•	•	•	•
Filters	Replacement long life filter, non-woven type	KAF5511D160	KAF441C60			200–250: BAFL502A250 (20)	32: KAFP501A56 50–63: KAFP501A80 100: KAFP501A160	KAFP551K160	
	Auto cleaning filter	see decoration panel		15-32: BAE20A62 40-50: BAE20A82 63: BAE20A102					
Wiring and sensors	KRCS – External wired temperature sensor	KRCS01-7B	KRCS01-8B	KRCS01-8B	KRCS01-8B	KRCS01-8B	KRCS01-8B	KRCS01-8B	KRCS01-8B
	K.RSS – External wireless temperature sensor	SB.K.RSS_RFC (EKEWTSC-2 + K.RSS)	SB.K.RSS_FDA (EKEWTSC-1 + K.RSS)	SB.K.RSS_FDA (EKEWTSC-1 + K.RSS)	K.RSS_FDA (EKEWTSC-1 + K.RSS)	SB.K.RSS_FDA (EKEWTSC-1 + K.RSS)	•	SB.K.RSS_FDA (EKEWTSC-1 + K.RSS)	SB.K.RSS_FDA (EKEWTSC-1 + K.RSS)
Adapters	Adapter with 2 output signals (Compressor / Error, Fan output)	KRP1BA58 (2)(7)	ERP02A50 (2)				KRP1BA58		
	Adapter with 4 output signals (Compressor / Error, Fan, Aux. heater, Humidifier output)	EKRPI1C12 (2)(7)	EKRPI1C14 (2)	ERP02A50 (2)	EKRPI1C14 (2)	EKRPI1C14 (2)		EKRPI1C14 (2)	ERP02A50 (2)
	Adapter for centralised external monitoring/control via dry contacts and setpoint control via 0-140Ω	KRP4A53 (2)(7)	KRP4A53 (2)	KRP4A54-9 (2)	KRP4A52(2)	50–125: KRP4A52 200–250: KRP4A51	KRP4A52 (2)	KRP4A53 (2)	KRP4A51 (2)
	Adapter for external central monitoring/control (controls 1 entire system)		KRP2A52	KRP2A53 (2)	KRP2A51(2)	KRP2A51	KRP2A62		KRP2A61(2)
	Adapter for keypad and/or window contact connection (2)(11)	BRP7A53	BRP7A53 (2)	BRP7A54	BRP7A51	BRP7A51	BRP7A52 (2)	BRP7A51 (2)	BRP7A51 (2)
	External control adapter for outdoor unit (installation on indoor unit)		DTA104A53	DTA104A53	DTA104A61 (2)	DTA104A61 (2)	DTA104A61		DTA104A51(2) / DTA104A61(2)
	Installation box / Mounting plate for adapter PCBs (For units where there is no space in the switchbox)	KRP1H98A (7) KRP1BC101	KRP1BB101 KRP1BC101	KRP1BB101	KRP1BC101	KRP1BC101	KRP1D93A / KRP4B93	KRP1B97	KRP4A93
	Wiring kit for Remote ON/OFF or Forced OFF Relay PCB for output signal of refrigerant sensor	Standard ERP01A51 (2)	Standard ERP01A50 (2)	ERP01A51 (2)	Standard ERP01A50 (2)	Standard ERP01A50	standard ERP01A51 (2)	standard ERP01A51 (2)	Standard ERP01A51 (2)
Others	Drain pump kit	Standard	Standard	Standard	Standard	200–250: BDU510B250VM	32-50-63: KDU50R63 100: KDU50R160		K-KDU572KVE
	Fresh air intake kit (direct installation type)	KDDP55C160-1 + KDDP55D160-2 (7)(8)	KDDQ44XA60				KDDQ50A140		
	Air discharge adapter for round duct				15–32: KDAP25A36A 40–50: KDAP25A56A 63–80: KDAP25A71A 100–125: KDAP25A140A 140: -	50–80: KDAJ25K71 100–125: KDAJ25K140 200–250: -			
	L-type piping kit						32: KHFP5M35 50–63: KHFP5N63 100: KHFP5N160		

(1) Pump station is necessary for this option
 (2) Installation box is necessary for these adapters
 (3) The BYCQ140EW has white insulation. Be informed that formation of dirt on white insulation is visibly stronger and that it is consequently not advised to install the BYCQ140EW decoration panel in environments exposed to concentrations of dirt*
 (4) Not recommended because of the limitation of the functions

(5) To be able to control the BYCQ140EGF(B) the controller BRCIE or BRCIH* is needed
 (6) The BYCQ140EGF(B) is not compatible with Multi and Split Non-Inverter Outdoor units
 (7) Option not available in combination with BYCQ140EGF(B)
 (8) Both parts of the fresh air intake are needed for each unit
 (9) Cannot be combined with sensor kit
 (10) Independently controllable flaps function not available

(11) Only possible in combination with BRCIH* / BRCIE*
 (12) When fixing box is required, use KJB212A, KJB311A or KJB411A depending on the size of the controller
 (13) Option KEK26-1A (Noise filter) is required when installing DCS301B51
 (14) Wire harness EKEWTSC is necessary
 (15) The active airflow circulation function is not available for this controller.
 (16) Up to 2 adaptor PCBs can be installed per installation box

(17) Only one installation box can be installed per indoor unit
 (18) VRV R-32 indoor units cannot be connected to this controller
 (19) The BYFQ60C4* R-32 panels can be connected to R-410A indoor units with wire harness EKRS22
 (20) Wire harness EKRS23 is necessary



Technical

drawings

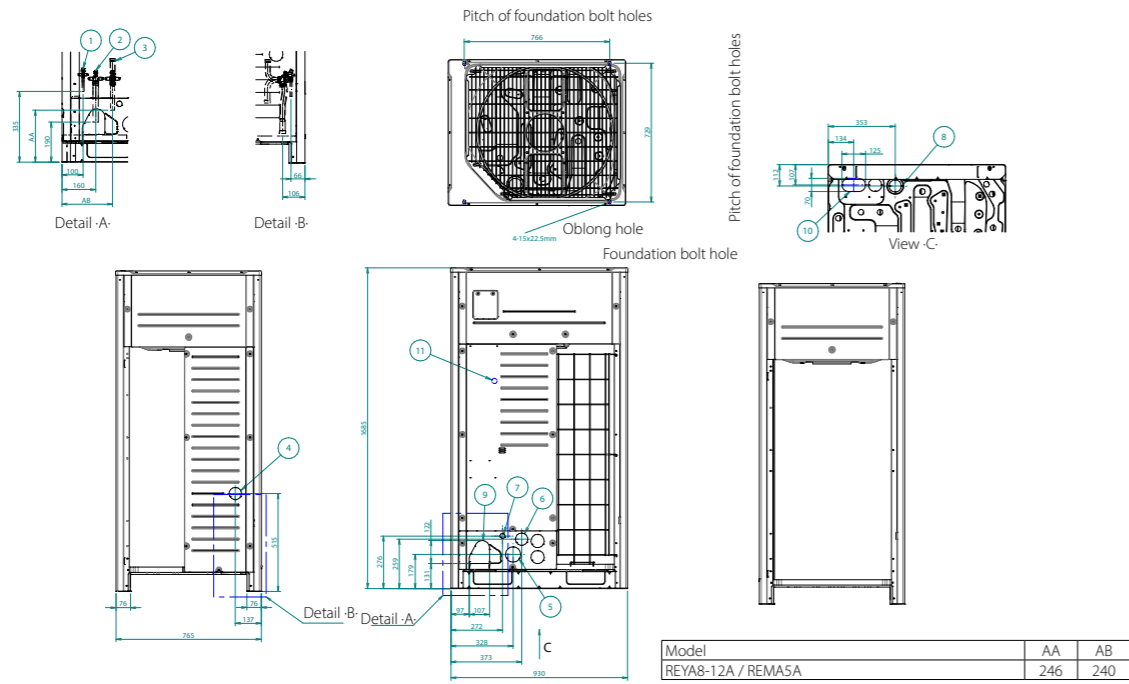
Technical drawings 36

Outdoor units 36

BSSV box 38

Indoor units 39

REYA8-12A / REMA5A



NOTES

- Detail -A and detail -B indicate the dimensions after fixing the attached piping.
- Items 4 - 10: Knockout hole.
- Gas pipe

REYA8-10A, REMA5A	Ø 19.1
REYA12A	Ø 22.2
- Liquid pipe

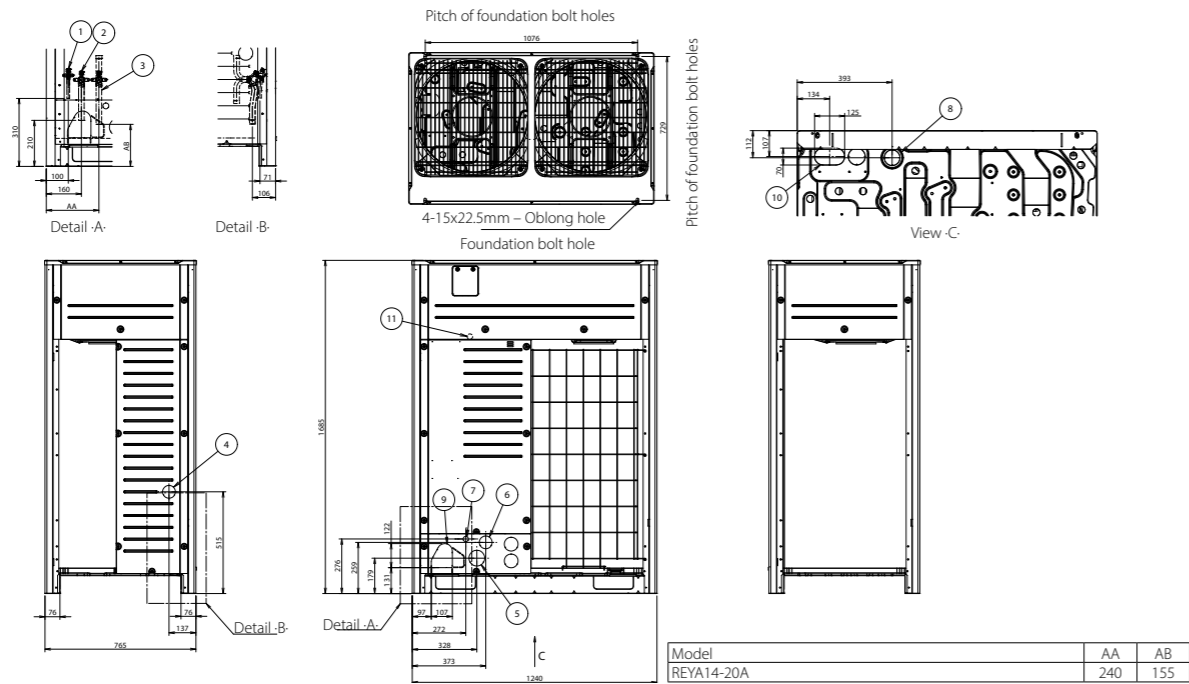
REYA8-10A, REMA5A	Ø 9.52
REYA12A	Ø 12.7
- High pressure/low pressure gas pipe

REYA8-10A, REMA5A	Ø 15.9
REYA12A	Ø 19.1

No.	Part name	Remark
1	Liquid pipe connection port	
2	Gas pipe connection port	See note -3-
3	Equalising pipe connection port High pressure/low pressure gas pipe	See note -3-.
4	Power cord routing hole (side)	Ø65
5	Power cord routing hole (front)	Ø80
6	Power cord routing hole (front)	Ø65
7	Power cord routing hole (front)	Ø27
8	Power cord routing hole (bottom)	Ø65
9	Pipe routing hole (front)	Inside of the switch box (M8)
10	Pipe routing hole (bottom)	
11	Grounding terminal	

2D119001

REYA14-20A



NOTES

- Detail A and detail B indicate the dimensions after fixing the attached piping.
- Items 4 - 10: Knockout hole.
- Gas pipe

REYA14-18A	Ø 22.2
REYA20A	Ø 28.6
- Liquid pipe

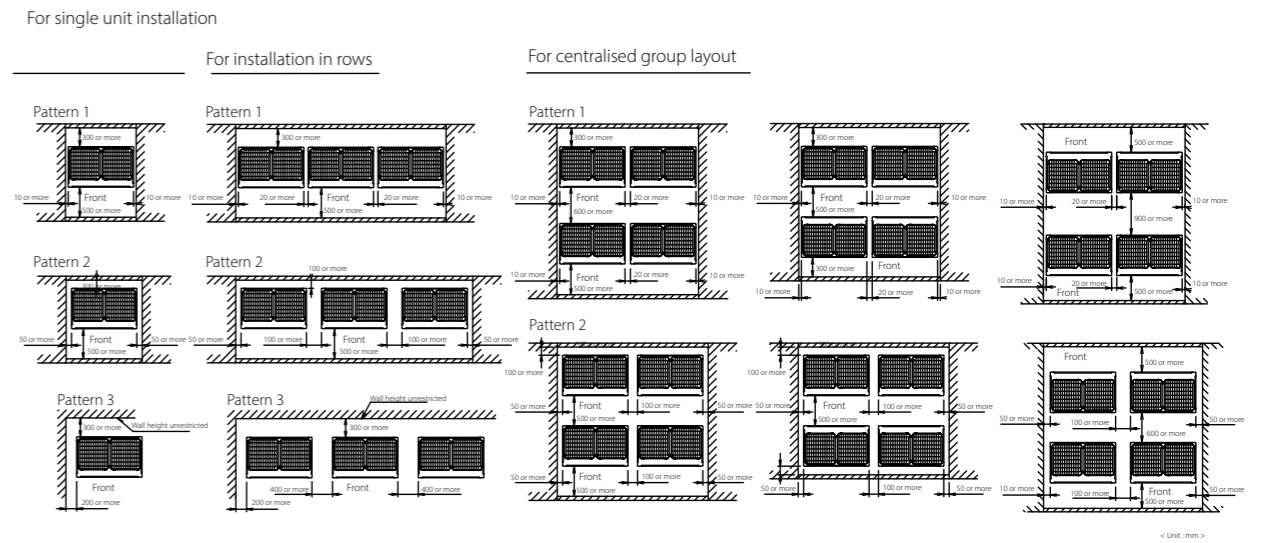
REYA14-20A	Ø 12.7
------------	--------
- High pressure/low pressure gas pipe

REYA14-18A	Ø 19.1
REYA20A	Ø 22.2

No.	Part name	Remark
1	Liquid pipe connection port	
2	Gas pipe connection port	See note 3.
3	Equalising pipe connection port High pressure/low pressure gas pipe	See note 3.
4	Power cord routing hole (side)	Ø65
5	Power cord routing hole (front)	Ø80
6	Power cord routing hole (front)	Ø65
7	Power cord routing hole (front)	Ø27
8	Power cord routing hole (bottom)	Ø65
9	Pipe routing hole (front)	Inside of the switch box (M8)
10	Pipe routing hole (bottom)	
11	Grounding terminal	

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REYA-A / REMA-A



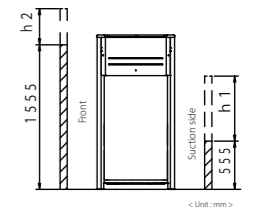
NOTES

- Height of the walls in case of patterns 1 and 2:
Front: 1500mm
Suction side: 500mm
Side: height unrestricted

The installation space shown on this drawing is based on cooling operation at 35°C (outdoor temperature).

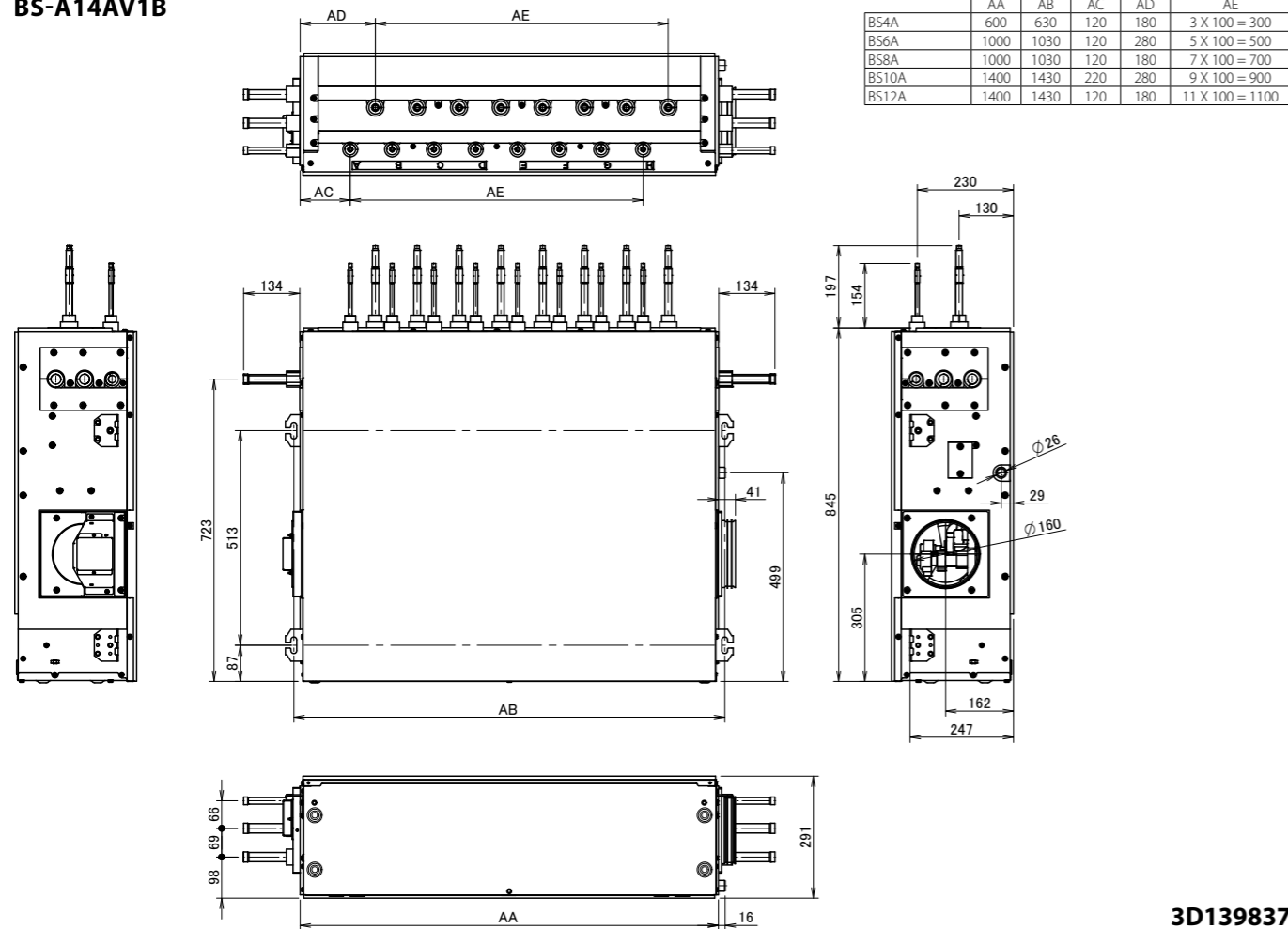
When the design outdoor ambient temperature exceeds 35°C or the load exceeds maximum ability of much generation load of heat in all outdoor unit, make sure the suction-side space is broader than the space shown on this drawing.
- If the walls are higher than mentioned above, then additional service space is needed:
- suction side: service space + h/2
- front side: service space + h/2
- When installing the units, select the pattern that best fits the available space.

Always keep in mind to leave sufficient space for a person to pass between unit and wall and for the air to circulate freely.
If more units are to be installed than are catered for in the above patterns, your layout should take into account of the possibility of short circuits.
- Provide sufficient space at the front to connect refrigerant piping (comfortably).



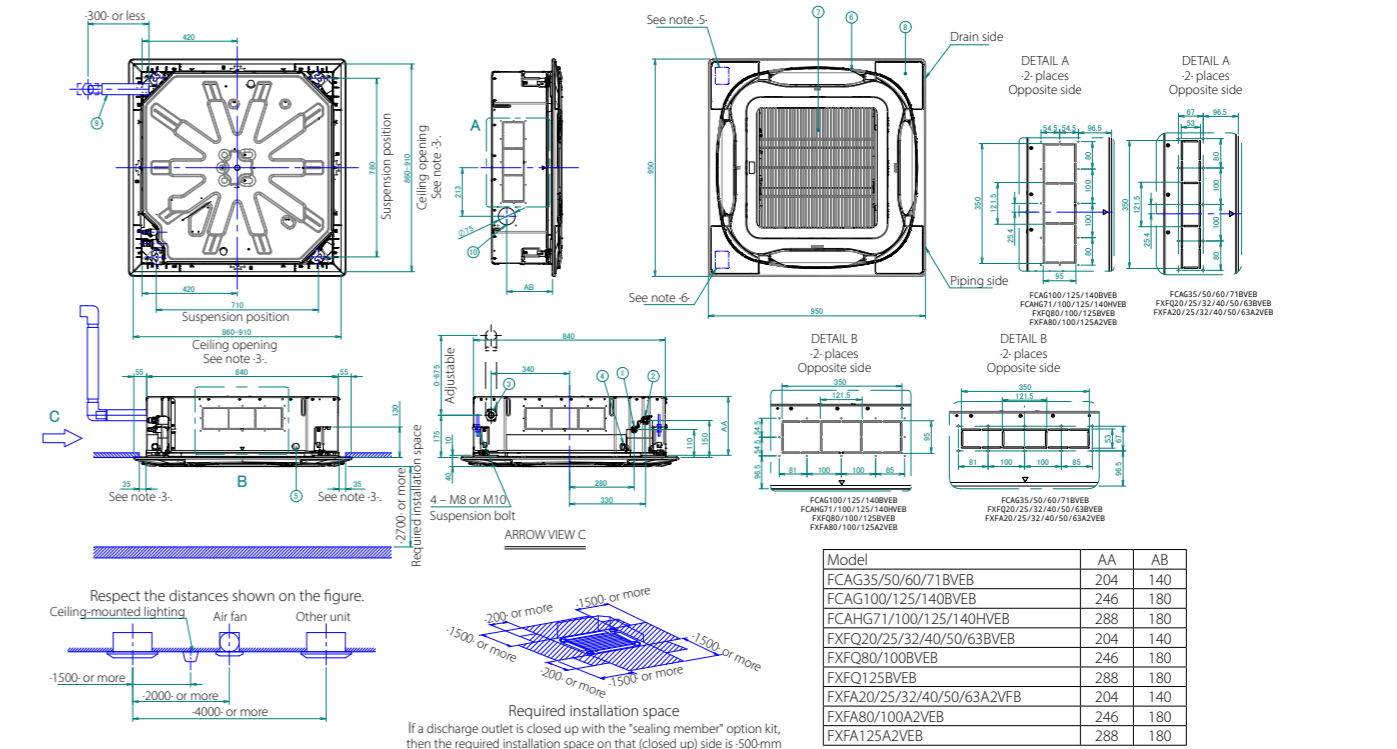
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BS-A14AV1B



3D139837

FXFA-A WITH STANDARD PANEL



NOTES

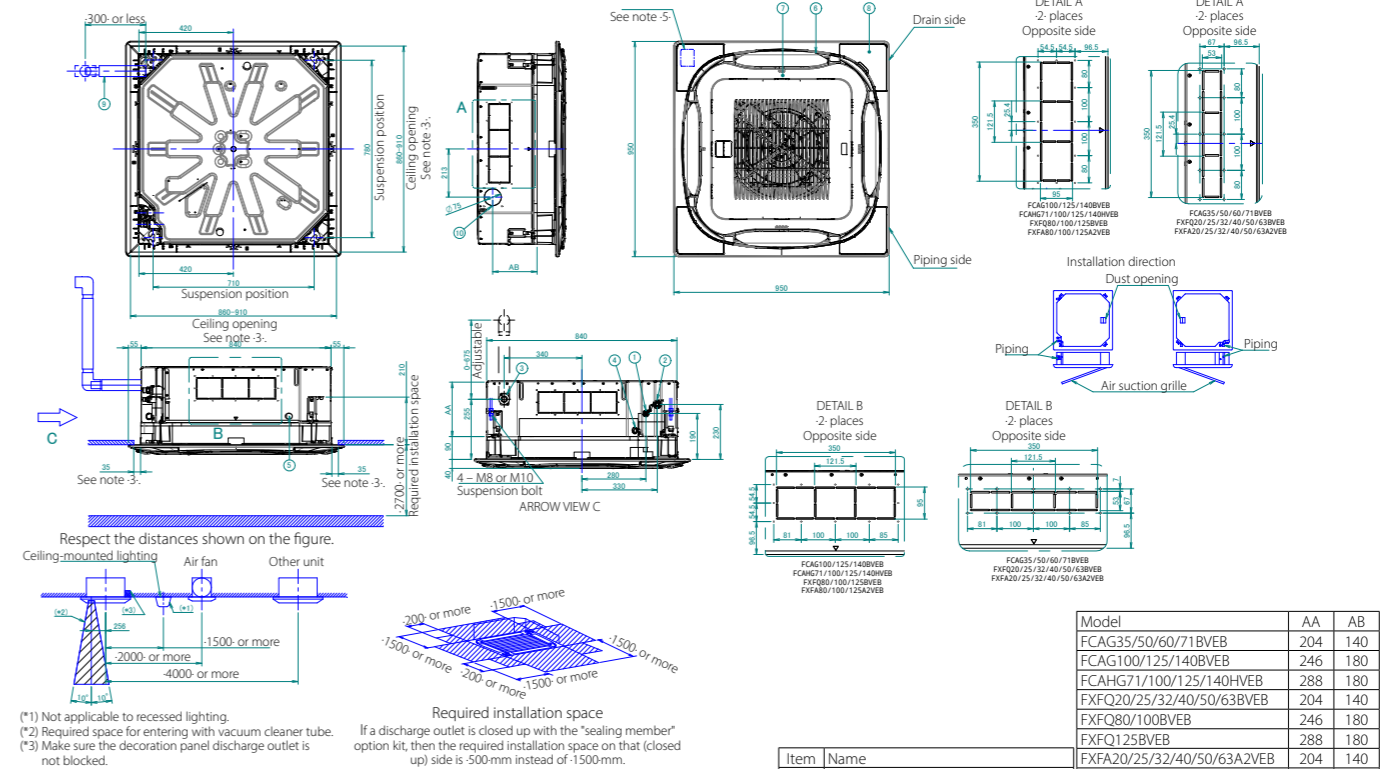
- Location of nameplate
The unit nameplate is located on the control box cover.
The decoration panel nameplate is located on the piping-side panel frame, under the corner cover.
- When installing optional accessories, refer to their respective documentation.
- Make sure the distance between the ceiling and the cassette does not exceed 35 mm.
The maximum ceiling opening is 910mm.
- 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)
- When installing a sensor kit, there will be a sensor on this location. For details, see the drawing of the sensor kit.
- When installing a wireless controller, there will be a receiver on this location. For details, see the drawing of the wireless controller.

Model	AA	AB
FCAG35/50/60/71BVEB	204	140
FCAG100/125/140BVEB	246	180
FCAG71/100/125/140HVEB	288	180
FXFQ20/25/32/40/50/63BVEB	204	140
FXFQ80/100BVEB	246	180
FXFQ125BVEB	288	180
FXFA20/25/32/40/50/63A2VFB	204	140
FXFA80/100A2VEB	246	180
FXFA125A2VEB	288	180

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

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FXFA-A WITH AUTO CLEANING PANEL



NOTES

- 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.
- When installing optional accessories, refer to their respective documentation.
- Make sure the distance between the ceiling and the cassette does not exceed 35 mm.
The maximum ceiling opening is 910mm.
- 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)
- 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

Model	AA	AB
FCAG35/50/60/71BVEB	204	140
FCAG100/125/140BVEB	246	180
FCAG71/100/125/140HVEB	288	180
FXFQ20/25/32/40/50/63BVEB	204	140
FXFQ80/100BVEB	246	180
FXFQ125BVEB	288	180
FXFA20/25/32/40/50/63A2VEB	204	140
FXFA80/100A2VEB	246	180
FXFA125A2VEB	288	180

2D121658B

FXFA-A WITH DESIGNER PANEL

Model

Model	AA	AB
FCAG35/50/60/71BVEB	204	140
FCAG100/125/140BVEB	246	180
FCAG71/100/125/140HVEB	288	180
FXFQ20/25/32/40/50/63BVEB	204	140
FXFQ80/100BVEB	246	180
FXFQ125BVEB	288	180
FXFA20/25/32/40/50/63A2VEB	204	140
FXFA80/100A2VEB	246	180
FXFA125A2VEB	288	180

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

2D121703B

FXFA-A WITH FRESH AIR INTAKE

Model

Model	AA	AB
FCAG35/50/60/71BVEB	264	306
FXFQ20/25/32/40/50/63BVEB	264	306
FXFA20/25/32/40/50/63A2VEB	264	306
FCAG100/125/140BVEB	306	348
FXFQ80/100BVEB	306	348
FXFA80/100A2VEB	306	348
FCAG71/100/125/140HVEB	348	390
FXFQ125BVEB	348	390
FXFA125A2VEB	348	390

Static pressure in chamber (Pa)

Air flow rate [m³/min]	Static pressure in chamber (Pa)
0	0
1	10
2	20
3	35
4	55
5	80
6	110

2D121741A

FXZA-A NEW PANEL

Model

Model	AA	AB
FCAG35/50/60/71BVEB	204	140
FCAG100/125/140BVEB	246	180
FCAG71/100/125/140HVEB	288	180
FXFQ20/25/32/40/50/63BVEB	204	140
FXFQ80/100BVEB	246	180
FXFQ125BVEB	288	180
FXFA20/25/32/40/50/63A2VEB	204	140
FXFA80/100A2VEB	246	180
FXFA125A2VEB	288	180

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

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FXZA-A OLD PANEL

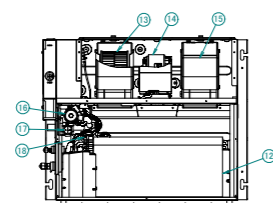
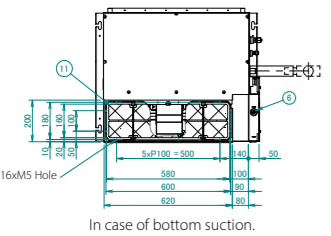
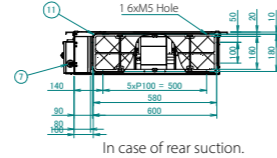
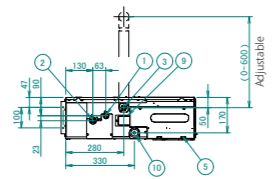
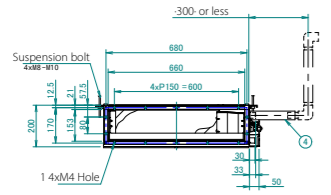
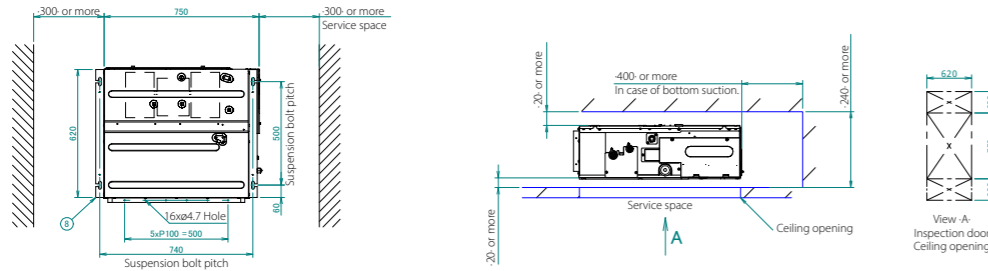
Model

Model	AA	AB
FCAG35/50/60/71BVEB	204	140
FCAG100/125/140BVEB	246	180
FCAG71/100/125/140HVEB	288	180
FXFQ20/25/32/40/50/63BVEB	204	140
FXFQ80/100BVEB	246	180
FXFQ125BVEB	288	180
FXFA20/25/32/40/50/63A2VEB	204	140
FXFA80/100A2VEB	246	180
FXFA125A2VEB	288	180

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FXDA10-32A

Service space of installation box for adaptor PCB.



NOTES

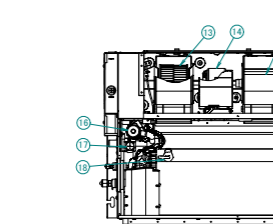
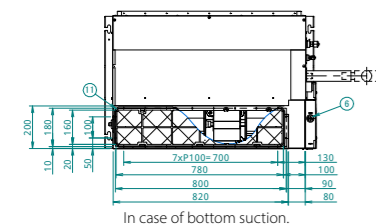
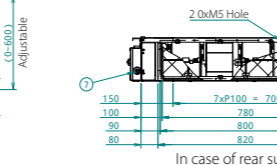
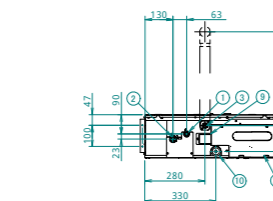
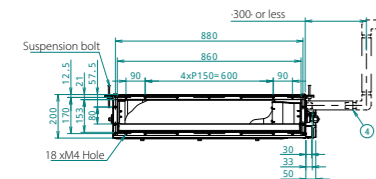
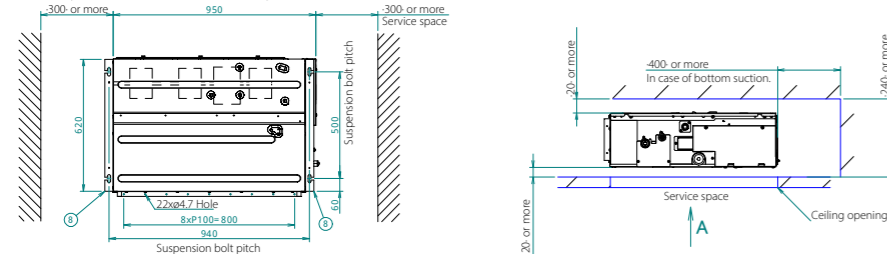
- In case of bottom suction, mount the chamber cover to the backside of the unit. For more information, refer to the installation manual.
- In case of rear suction, mount the chamber cover to the bottom side of the unit. For more information, refer to the installation manual.
- The unit nameplate is located on the control box cover.
- Mount the air filter at the suction side. Use an air filter with a dust collecting efficiency of at least 50% (measured by gravimetric analysis). When a duct is connected at the suction side, it is not possible to mount an air filter.

Item	Description
1	Liquid pipe connection -ø6.35- Flare connection
2	Gas pipe connection -ø9.52- Flare connection
3	Drain pipe connection Outside diameter: ø26 Inside diameter: ø20
4	Drain hose (accessory) Inside diameter: ø25
5	Control box
6	Transmission wiring connection
7	Power supply connection
8	Suspension bracket
9	Inspection door
10	Drain socket
11	Air filter (accessory)
12	Heat exchanger
13	Turbo fan
14	Fan motor
15	Fan housing
16	Drain pump
17	Float switch
18	Electronic expansion valve

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FXDA40-50A

Service space of installation box for adaptor PCB.



NOTES

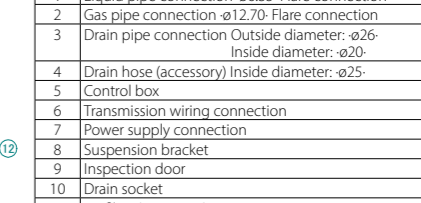
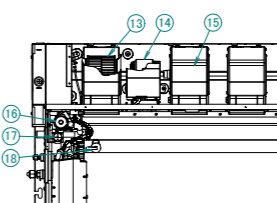
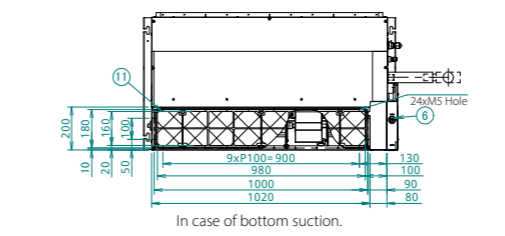
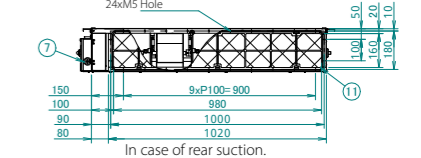
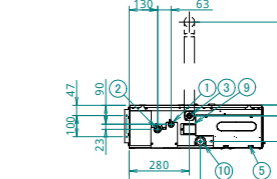
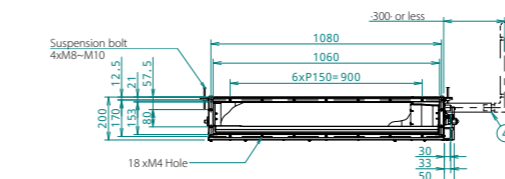
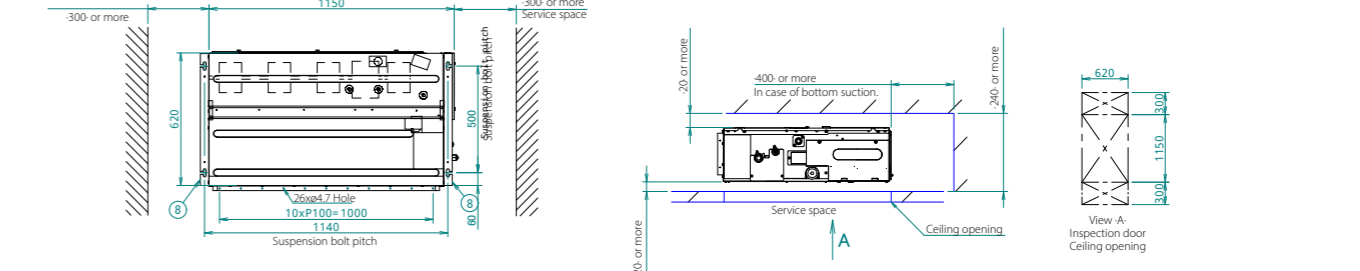
- In case of bottom suction, mount the chamber cover to the backside of the unit. For more information, refer to the installation manual.
- In case of rear suction, mount the chamber cover to the bottom side of the unit. For more information, refer to the installation manual.
- The unit nameplate is located on the control box cover.
- Mount the air filter at the suction side. Use an air filter with a dust collecting efficiency of at least 50% (measured by gravimetric analysis). When a duct is connected at the suction side, it is not possible to mount an air filter.

Item	Description
1	Liquid pipe connection -ø6.35- Flare connection
2	Gas pipe connection -ø12.70- Flare connection
3	Drain pipe connection Outside diameter: ø26 Inside diameter: ø20
4	Drain hose (accessory) Inside diameter: ø25
5	Control box
6	Transmission wiring connection
7	Power supply connection
8	Suspension bracket
9	Inspection door
10	Drain socket
11	Air filter (accessory)
12	Heat exchanger
13	Turbo fan
14	Fan motor
15	Fan housing
16	Drain pump
17	Float switch
18	Electronic expansion valve

2D126677

FXDA63A

Service space of installation box for adaptor PCB.



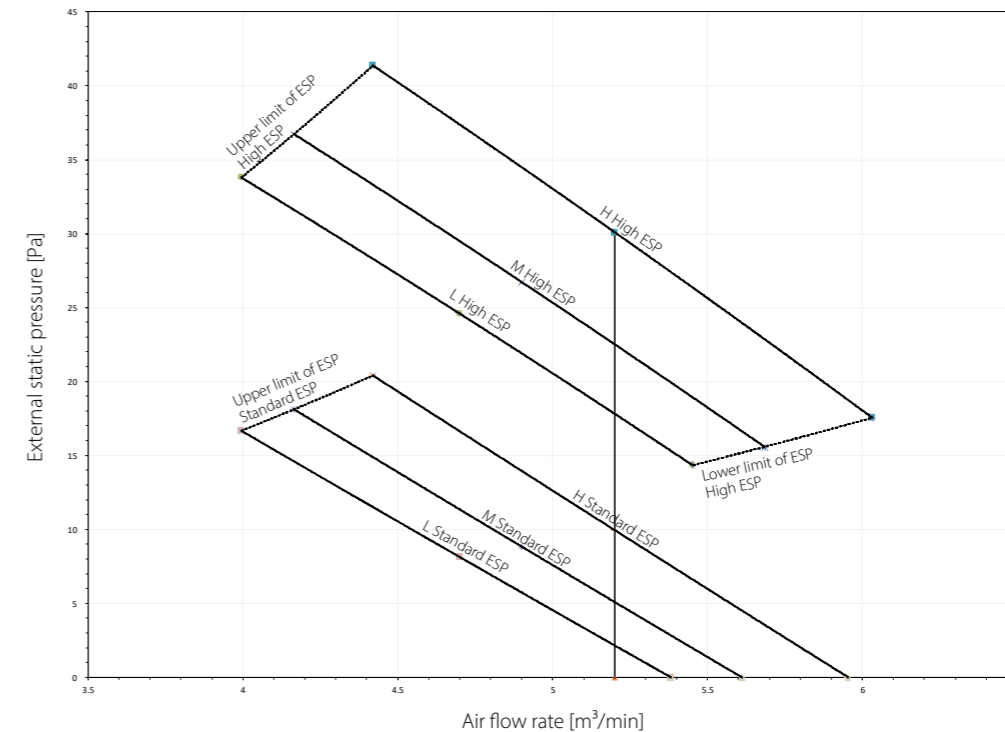
NOTES

- In case of bottom suction, mount the chamber cover to the backside of the unit. For more information, refer to the installation manual.
- In case of rear suction, mount the chamber cover to the bottom side of the unit. For more information, refer to the installation manual.
- The unit nameplate is located on the control box cover.
- Mount the air filter at the suction side. Use an air filter with a dust collecting efficiency of at least 50% (measured by gravimetric analysis). When a duct is connected at the suction side, it is not possible to mount an air filter.

Item	Description
1	Liquid pipe connection -ø6.35- Flare connection
2	Gas pipe connection -ø12.70- Flare connection
3	Drain pipe connection Outside diameter: ø26 Inside diameter: ø20
4	Drain hose (accessory) Inside diameter: ø25
5	Control box
6	Transmission wiring connection
7	Power supply connection
8	Suspension bracket
9	Inspection door
10	Drain socket
11	Air filter (accessory)
12	Heat exchanger
13	Turbo fan
14	Fan motor
15	Fan housing
16	Drain pump
17	Float switch
18	Electronic expansion valve

2D126592

FXDA10A

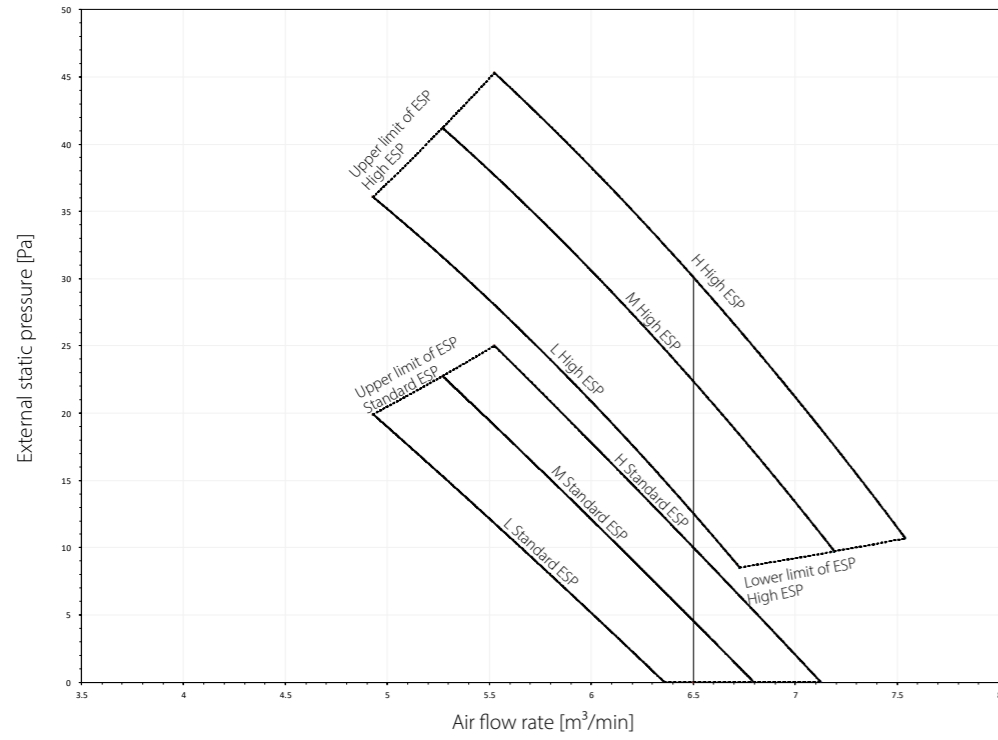


NOTES

- The fan characteristics shown are in "fan only" mode.
- ESP: External Static Pressure
- The air flow is factory-set to 'standard'. It is possible to switch between 'standard ESP' and 'high ESP' by remote controller setting.

3D129552

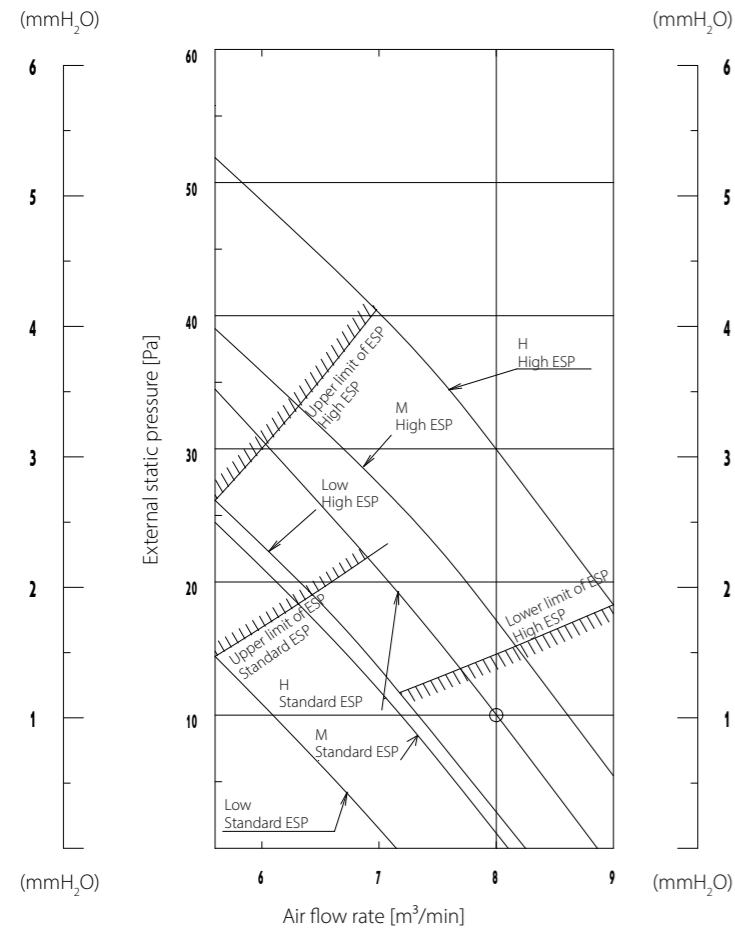
FXDA15A



- NOTES**
1. The fan characteristics shown are in "fan only" mode.
 2. ESP: External Static Pressure
 3. The air flow is factory-set to 'standard'. It is possible to switch between 'standard ESP' and 'high ESP' by remote controller setting.

3D129553

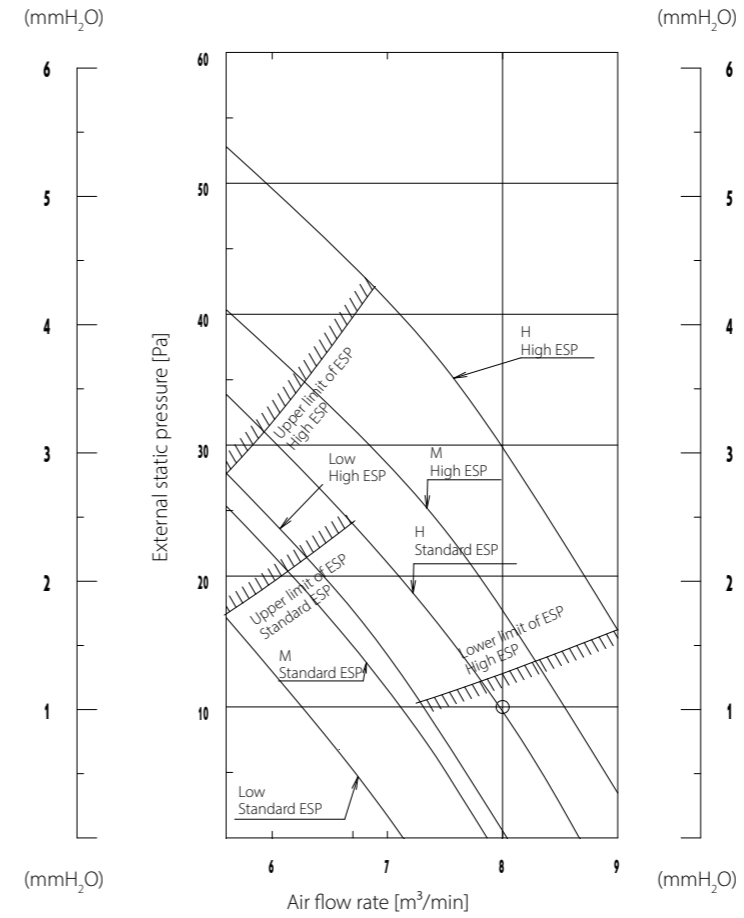
FXDA20-25A



- NOTES**
1. The remote controller can be used to switch between 'high' and 'low'.
 2. The air flow is factory-set to 'standard'. It is possible to switch between 'standard ESP' and 'high ESP' by remote controller setting.

3D086736B

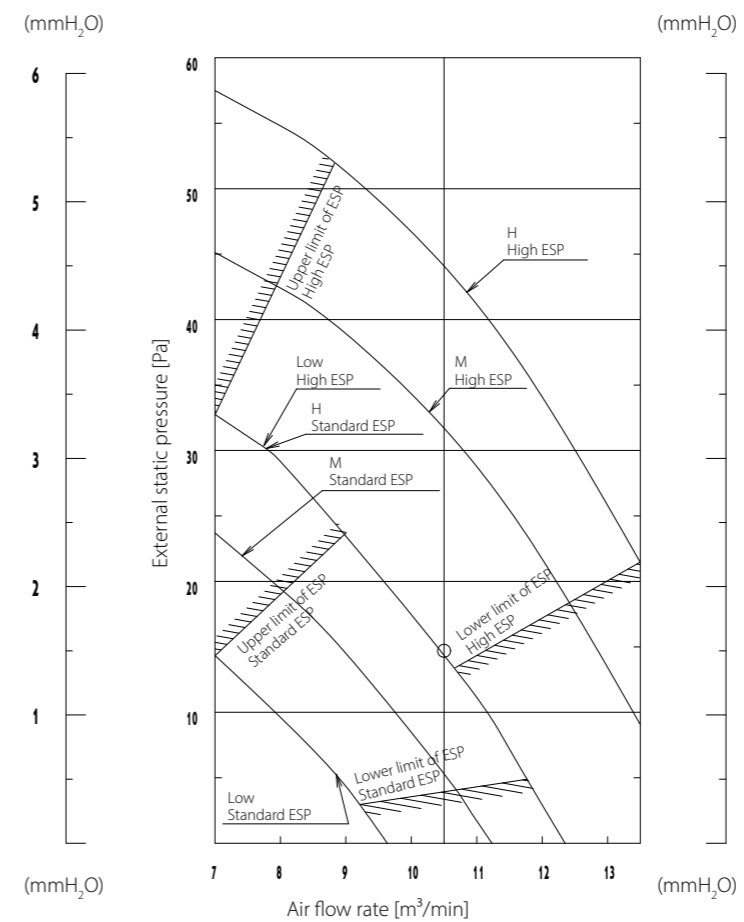
FXDA32A



- NOTES**
1. The remote controller can be used to switch between 'high' and 'low'.
 2. The air flow is factory-set to 'standard'. It is possible to switch between 'standard ESP' and 'high ESP' by remote controller setting.

3D081425C

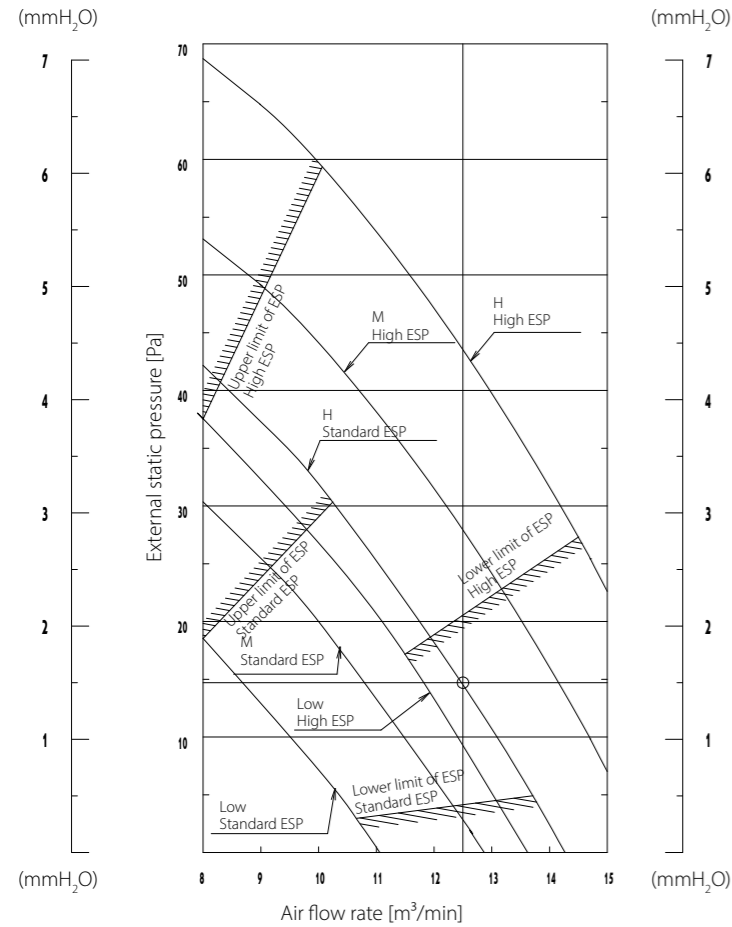
FXDA40A



- NOTES**
1. The remote controller can be used to switch between 'high' and 'low'.
 2. The air flow is factory-set to 'standard'. It is possible to switch between 'standard ESP' and 'high ESP' by remote controller setting.

3D081426C

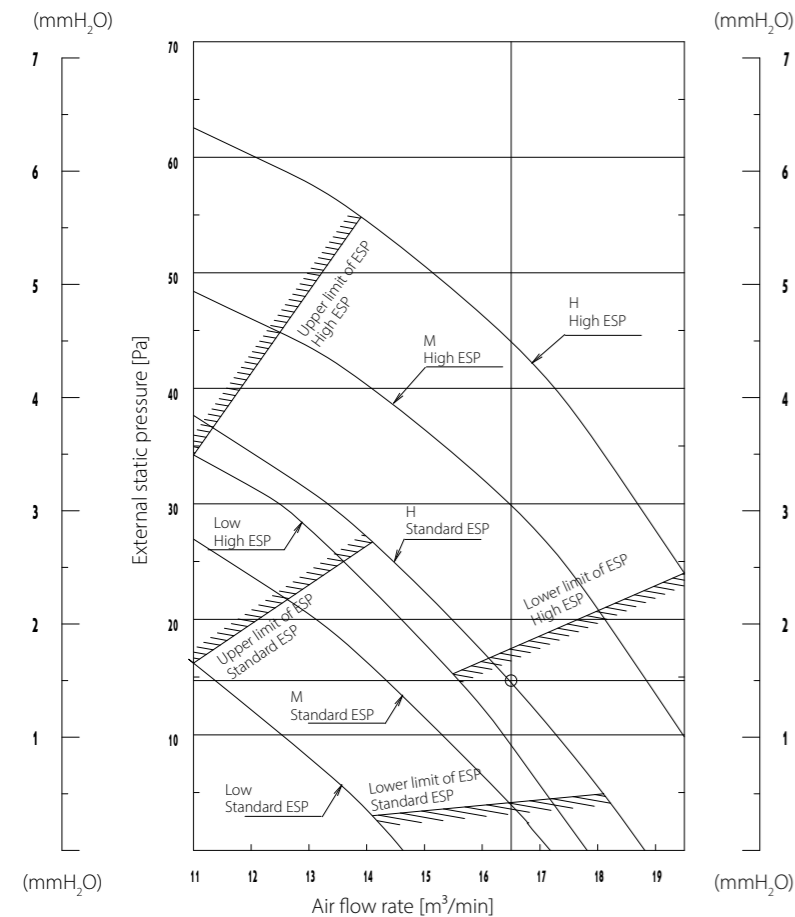
FXDA50A



- NOTES**
1. The remote controller can be used to switch between 'high' and 'low'.
 2. The air flow is factory-set to 'standard'. It is possible to switch between 'standard ESP' and 'high ESP' by remote controller setting.

3D081427C

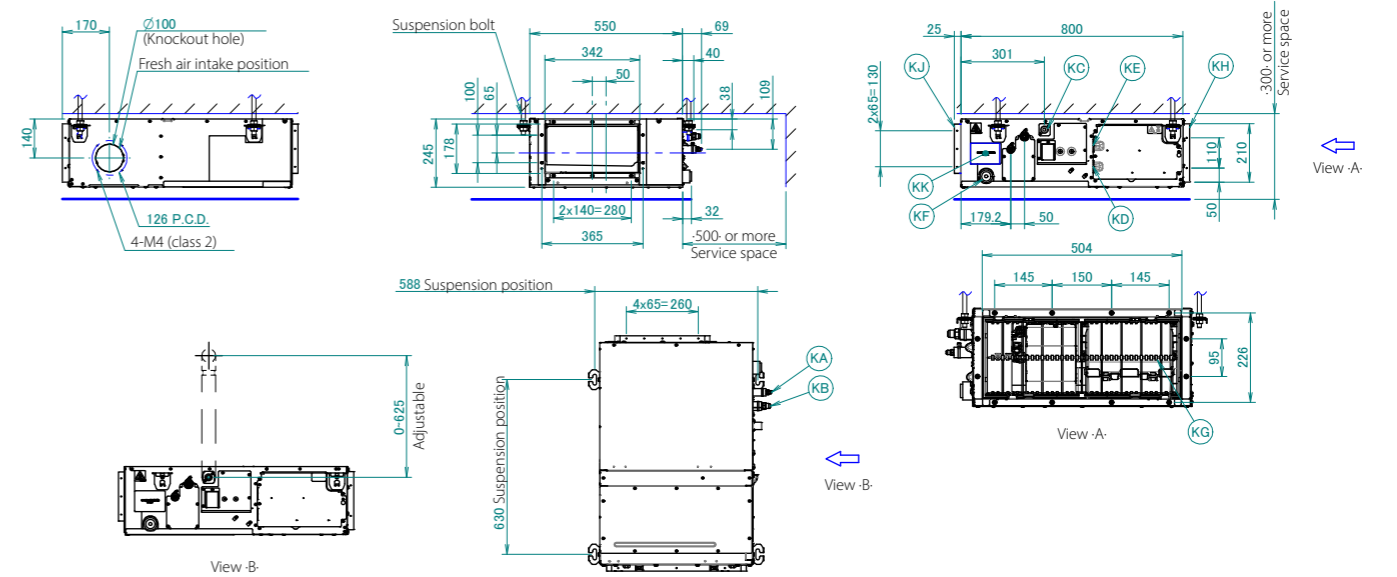
FXDA63A



- NOTES**
1. The remote controller can be used to switch between 'high' and 'low'.
 2. The air flow is factory-set to 'standard'. It is possible to switch between 'standard ESP' and 'high ESP' by remote controller setting.

3D081429C

FXSA15-32A

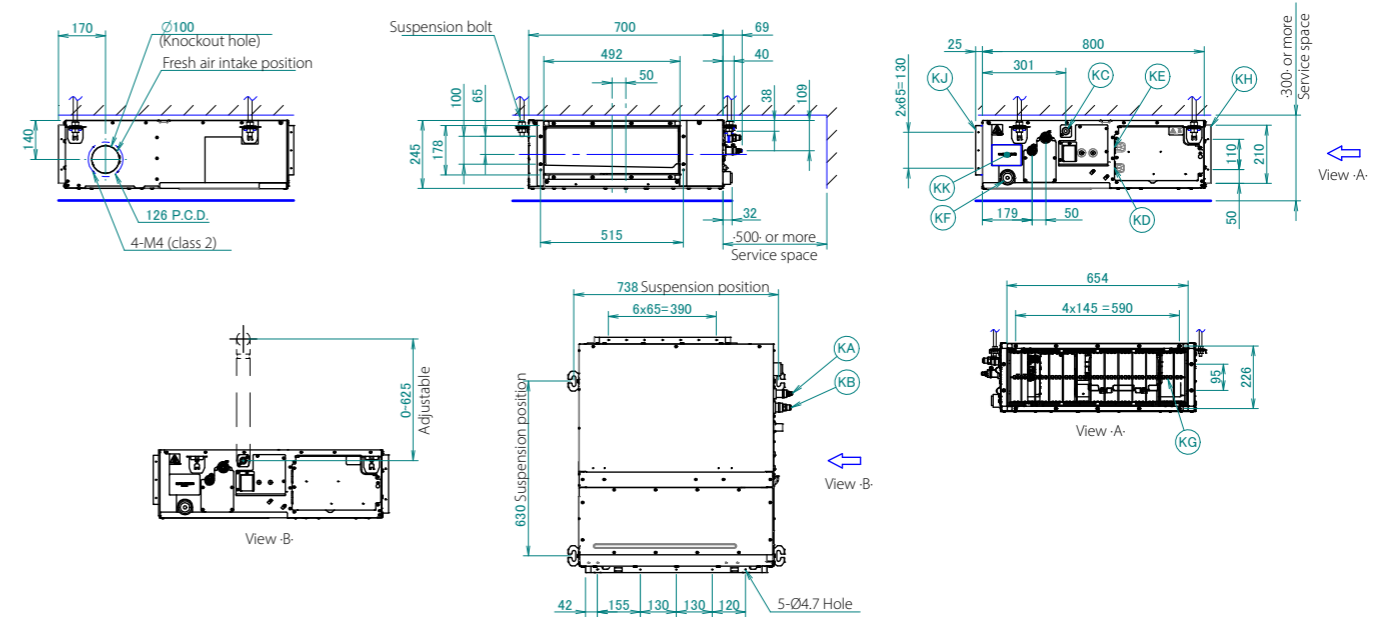


- NOTES**
1. When installing optional accessories, refer to their respective documentation.
 2. The ceiling depth varies according to the documentation of the specific system.
 3. In case of bottom suction, mount the chamber cover to the backside of the unit. For more information, refer to the installation manual.
 4. In case of rear suction, mount the chamber cover to the bottom side of the unit. For more information, refer to the installation manual.

Item	Name	Description
KA	Liquid pipe connection port	Ø6.35- flared connection
KB	Gas pipe connection port	Ø9.52- 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	/

3D128686

FXSA40-50A

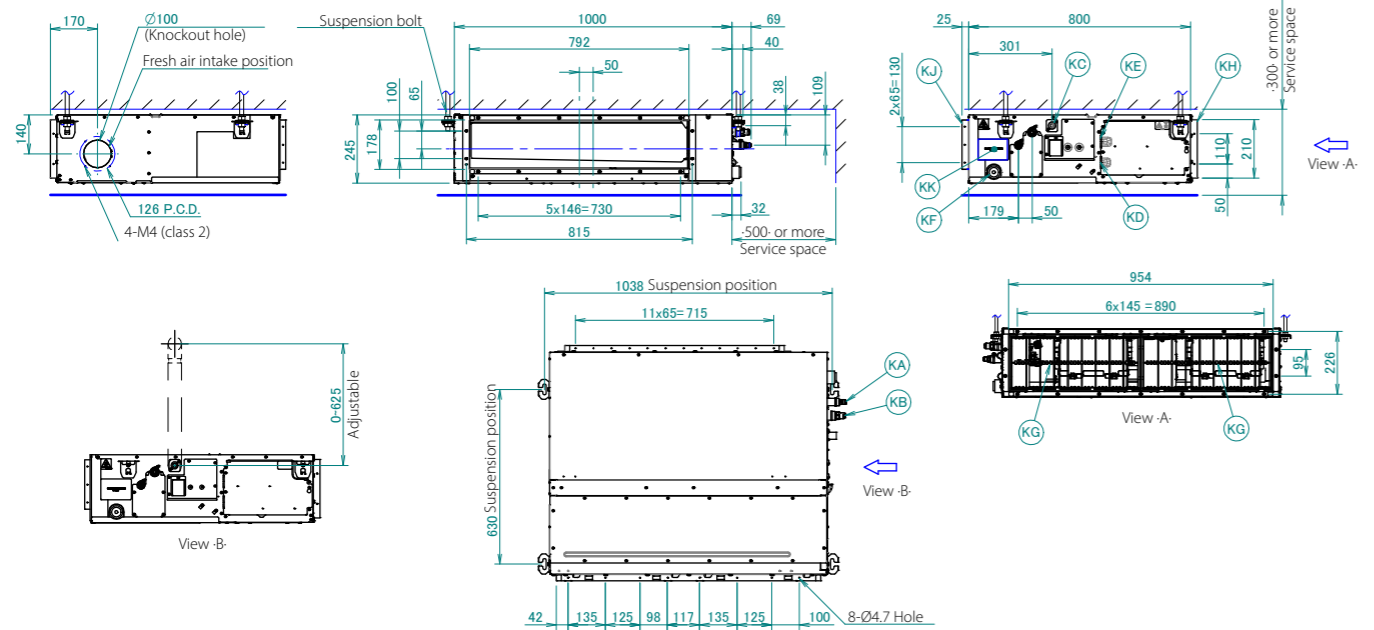


- NOTES**
1. When installing optional accessories, refer to their respective documentation.
 2. The ceiling depth varies according to the documentation of the specific system.
 3. In case of bottom suction, mount the chamber cover to the backside of the unit. For more information, refer to the installation manual.
 4. In case of rear suction, mount the chamber cover to the bottom side of the unit. For more information, refer to the installation manual.

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	/

3D128715

FXSA63-80A

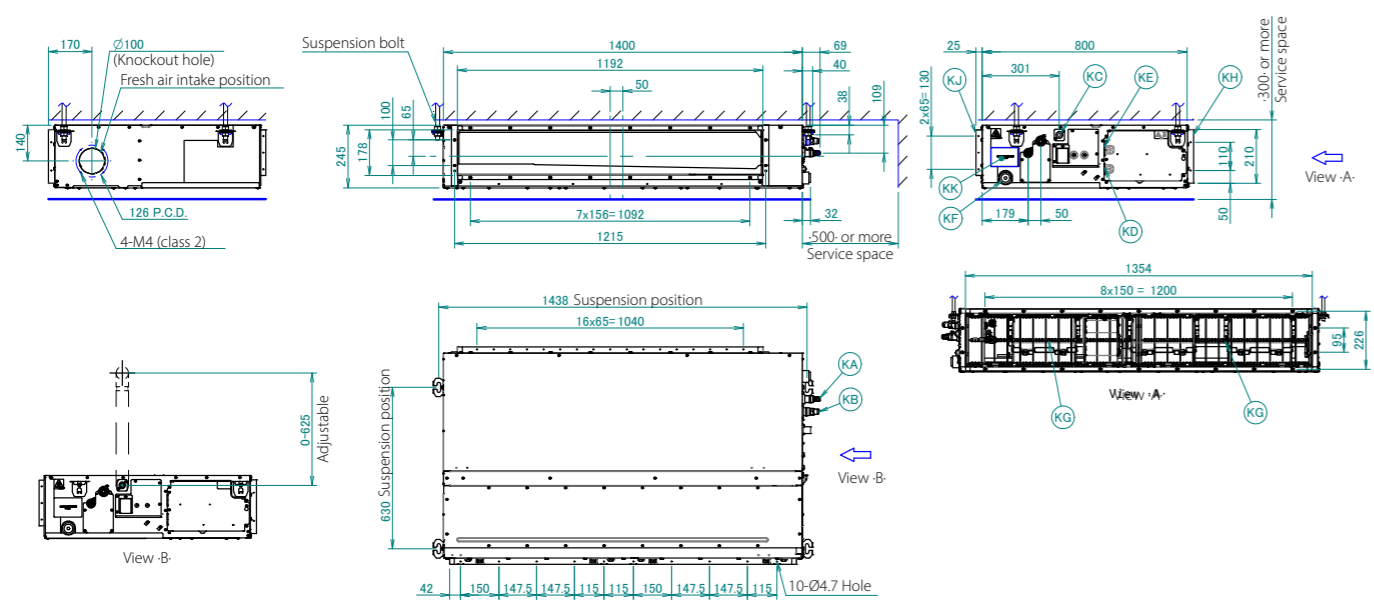


Item	Name	Description
KA	Liquid pipe connection port	Ø6.35- flared connection
KB	Gas pipe connection port	Ø12.70- flared connection
KC	Drain pipe connection	VP20 (OD Ø26, ID Ø20)
KD	Wiring connection	/
KE	Power supply connection	/
KF	Drain outlet	VP20 (OD Ø26, ID Ø20)
KG	Air filter	/
KH	Air suction side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

- NOTES**
- When installing optional accessories, refer to their respective documentation.
 - The ceiling depth varies according to the documentation of the specific system.
 - In case of bottom suction, mount the chamber cover to the backside of the unit. For more information, refer to the installation manual.
 - In case of rear suction, mount the chamber cover to the bottom side of the unit. For more information, refer to the installation manual.

3D128716

FXSA100-125A

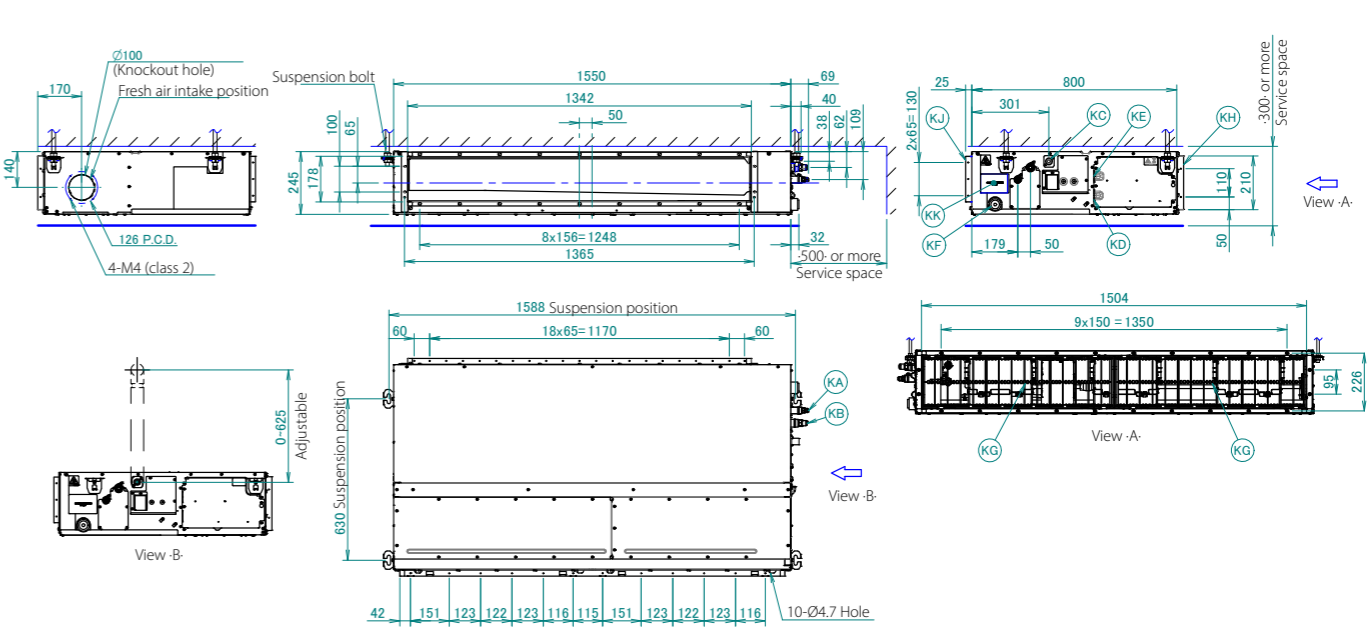


Item	Name	Description
KA	Liquid pipe connection port	Ø9.52- flared connection
KB	Gas pipe connection port	Ø15.90- flared connection
KC	Drain pipe connection	VP20 (OD Ø26, ID Ø20)
KD	Wiring connection	/
KE	Power supply connection	/
KF	Drain outlet	VP20 (OD Ø26, ID Ø20)
KG	Air filter	/
KH	Air suction side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

- NOTES**
- When installing optional accessories, refer to their respective documentation.
 - The ceiling depth varies according to the documentation of the specific system.
 - In case of bottom suction, mount the chamber cover to the backside of the unit. For more information, refer to the installation manual.
 - In case of rear suction, mount the chamber cover to the bottom side of the unit. For more information, refer to the installation manual.

3D128719

FXSA140A

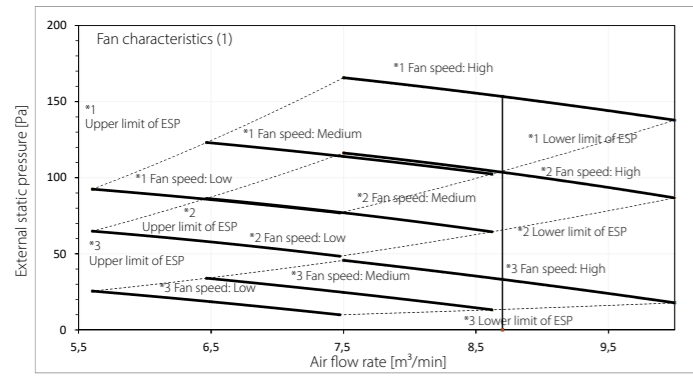


Item	Name	Description
KA	Liquid pipe connection port	Ø9.52- flared connection
KB	Gas pipe connection port	Ø15.90- flared connection
KC	Drain pipe connection	VP20 (OD Ø26, ID Ø20)
KD	Wiring connection	/
KE	Power supply connection	/
KF	Drain outlet	VP20 (OD Ø26, ID Ø20)
KG	Air filter	/
KH	Air suction side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

- NOTES**
- When installing optional accessories, refer to their respective documentation.
 - The ceiling depth varies according to the documentation of the specific system.
 - In case of bottom suction, mount the chamber cover to the backside of the unit. For more information, refer to the installation manual.
 - In case of rear suction, mount the chamber cover to the bottom side of the unit. For more information, refer to the installation manual.

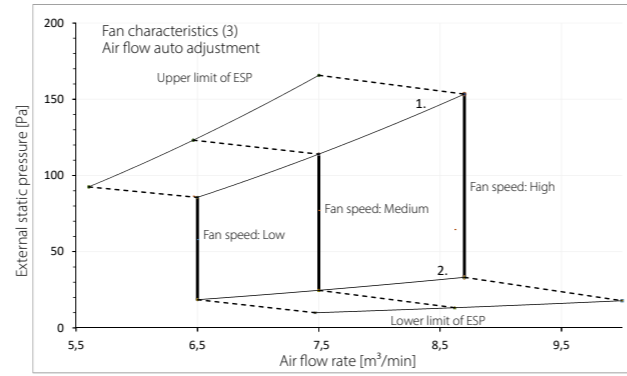
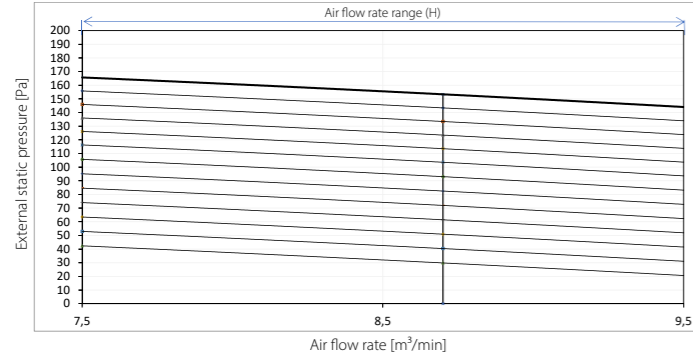
3D128720

FXSA15A



Mark	ESP [Pa]
*1	Maximum 150
*2	- 100
*3	Standard 50

Fan characteristics (2)
Field setting with remote control



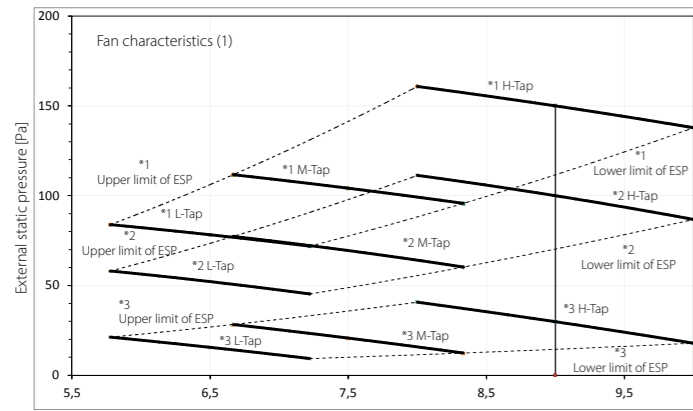
1. Upper limit of ESP by air flow auto adjustment
2. Lower limit of ESP by air flow auto adjustment

NOTES

1. The fan characteristics shown are in "fan only" mode.
2. ESP: External Static Pressure

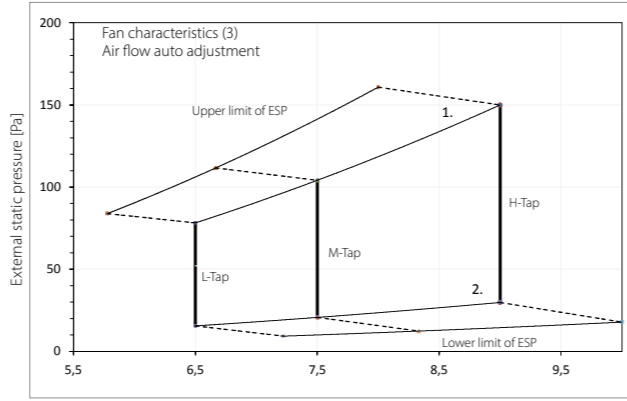
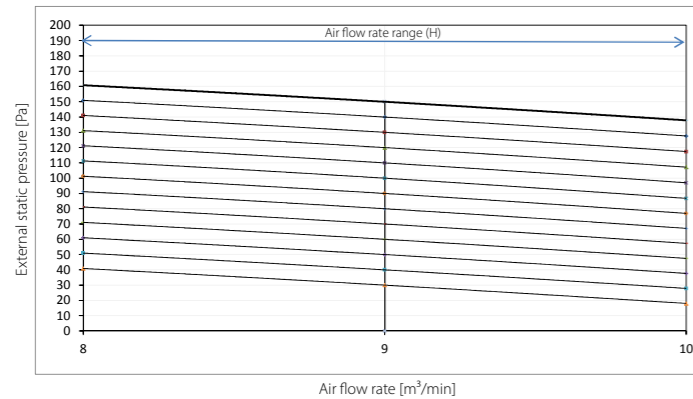
3D096999B

FXSA20-25A



Mark	ESP [Pa]
*1	Maximum 150
*2	- 100
*3	Standard 30

Fan characteristics (2)
Field setting with remote control



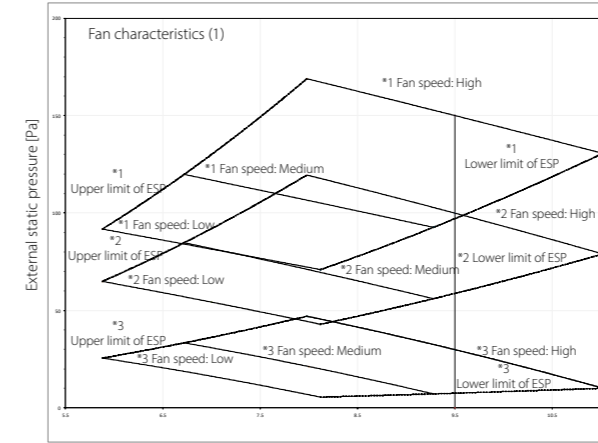
1. Upper limit of ESP by air flow auto adjustment
2. Lower limit of ESP by air flow auto adjustment

NOTES

1. The fan characteristics shown are in "fan only" mode.
2. ESP: External Static Pressure

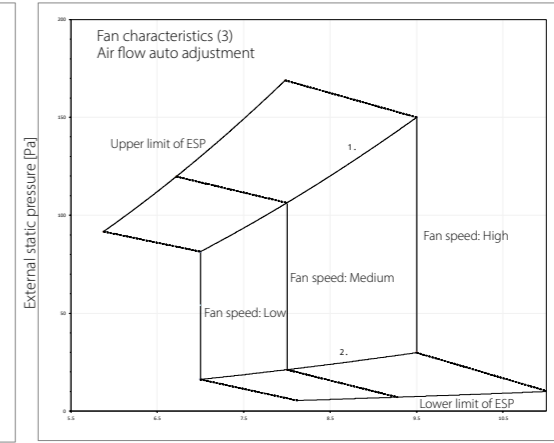
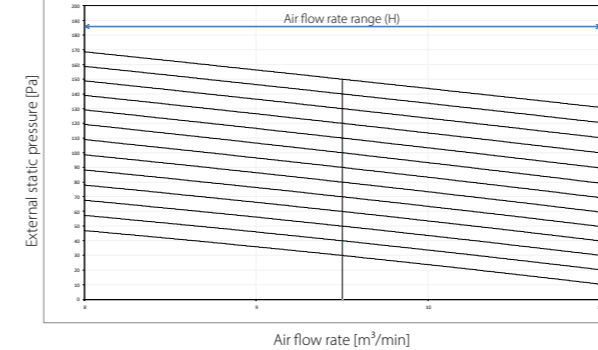
3D095680A

FXSA32A



Mark	ESP [Pa]
*1	Maximum 150
*2	- 100
*3	Standard 30

Fan characteristics (2)
Field setting with remote control



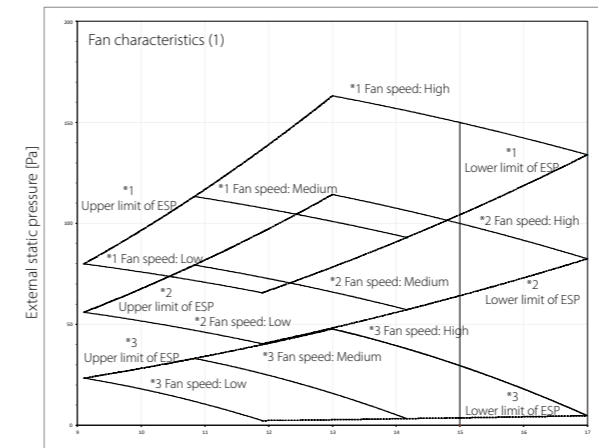
1. Upper limit of ESP by air flow auto adjustment
2. Lower limit of ESP by air flow auto adjustment

NOTES

1. The fan characteristics shown are in "fan only" mode.
2. ESP: External Static Pressure

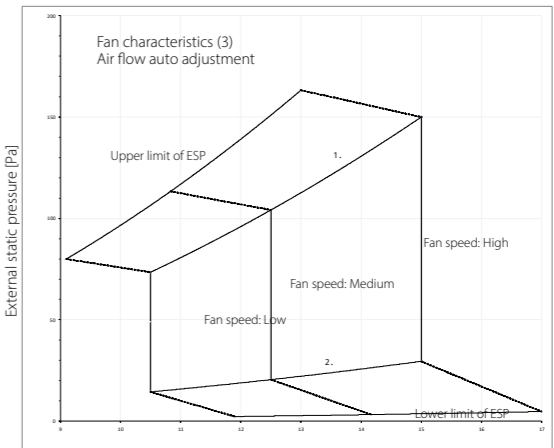
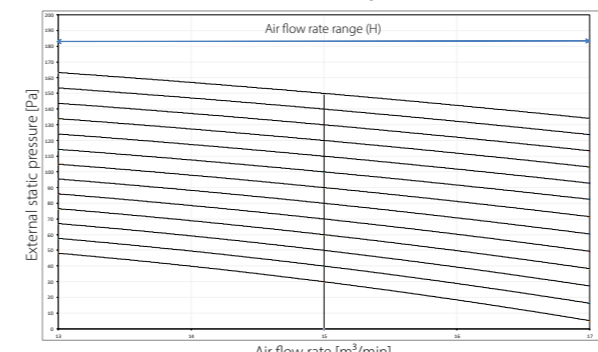
3D095681B

FXSA40A



Mark	ESP [Pa]
*1	Maximum 150
*2	- 100
*3	Standard 30

Fan characteristics (2)
Field setting with remote control



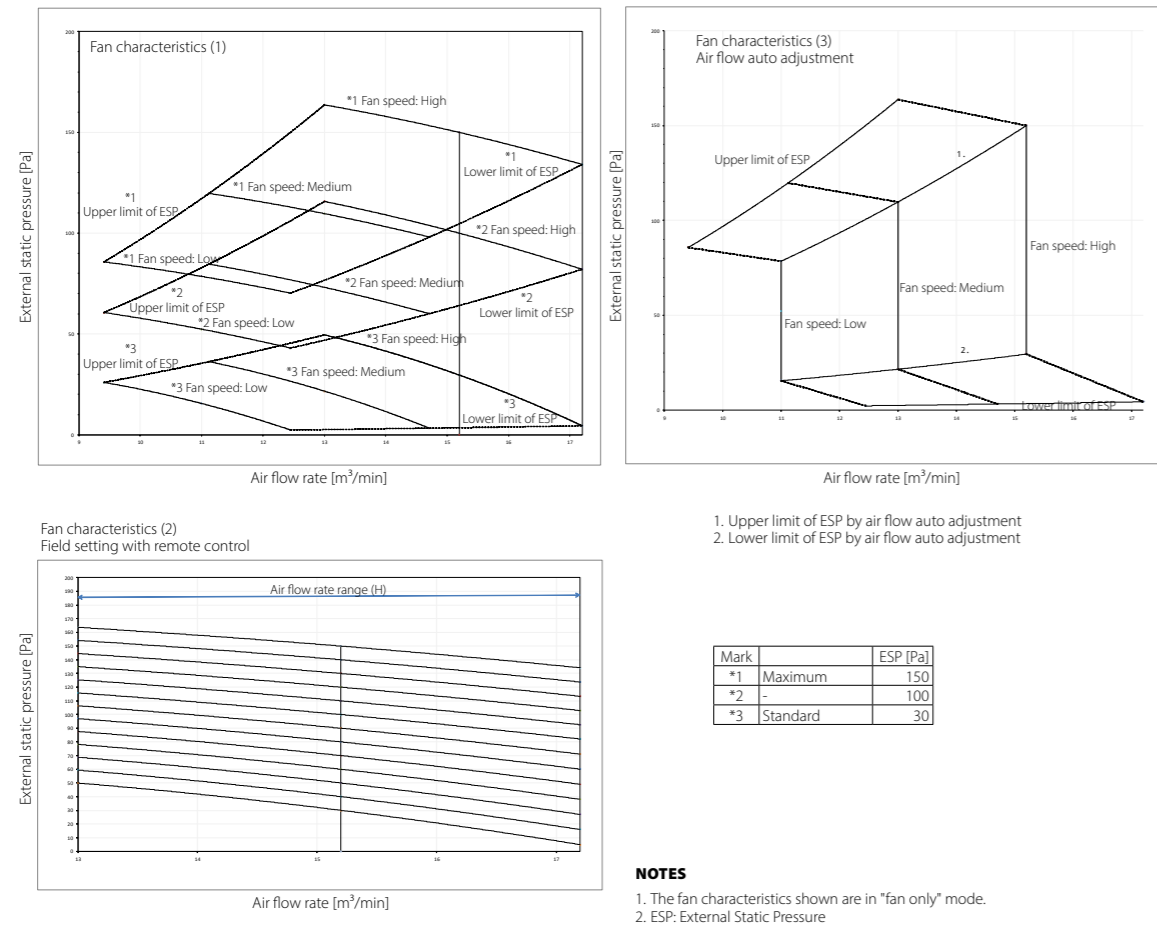
1. Upper limit of ESP by air flow auto adjustment
2. Lower limit of ESP by air flow auto adjustment

NOTES

1. The fan characteristics shown are in "fan only" mode.
2. ESP: External Static Pressure

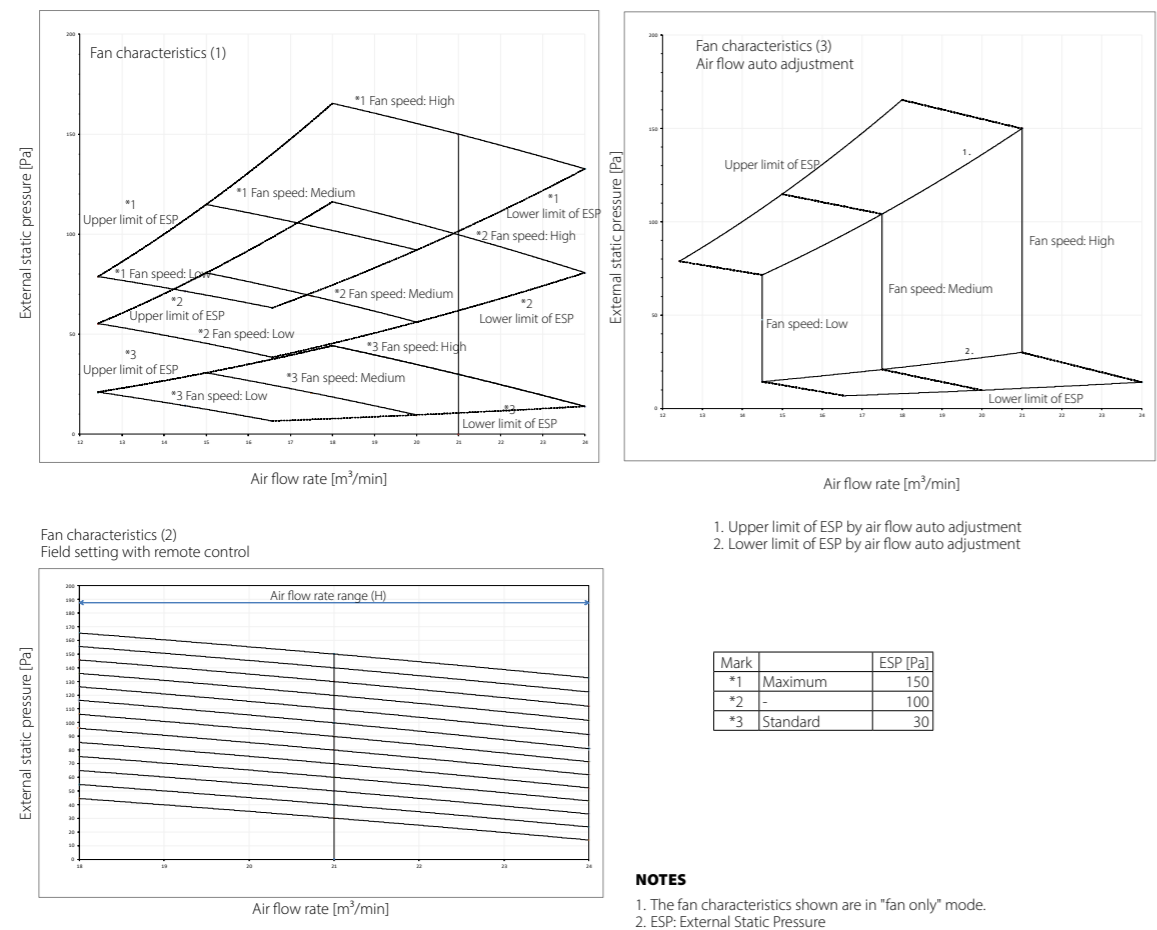
3D095682B

FXSA50A



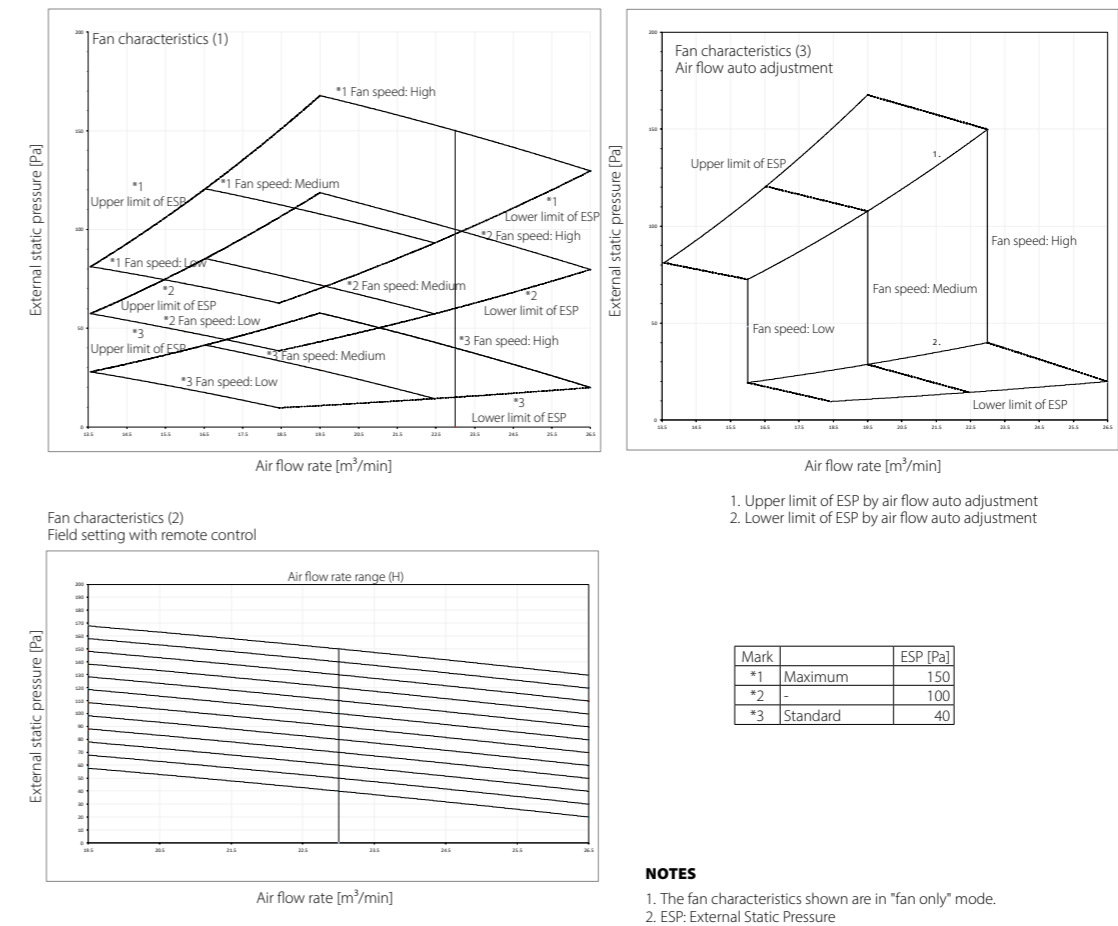
3D095688B

FXSA63A



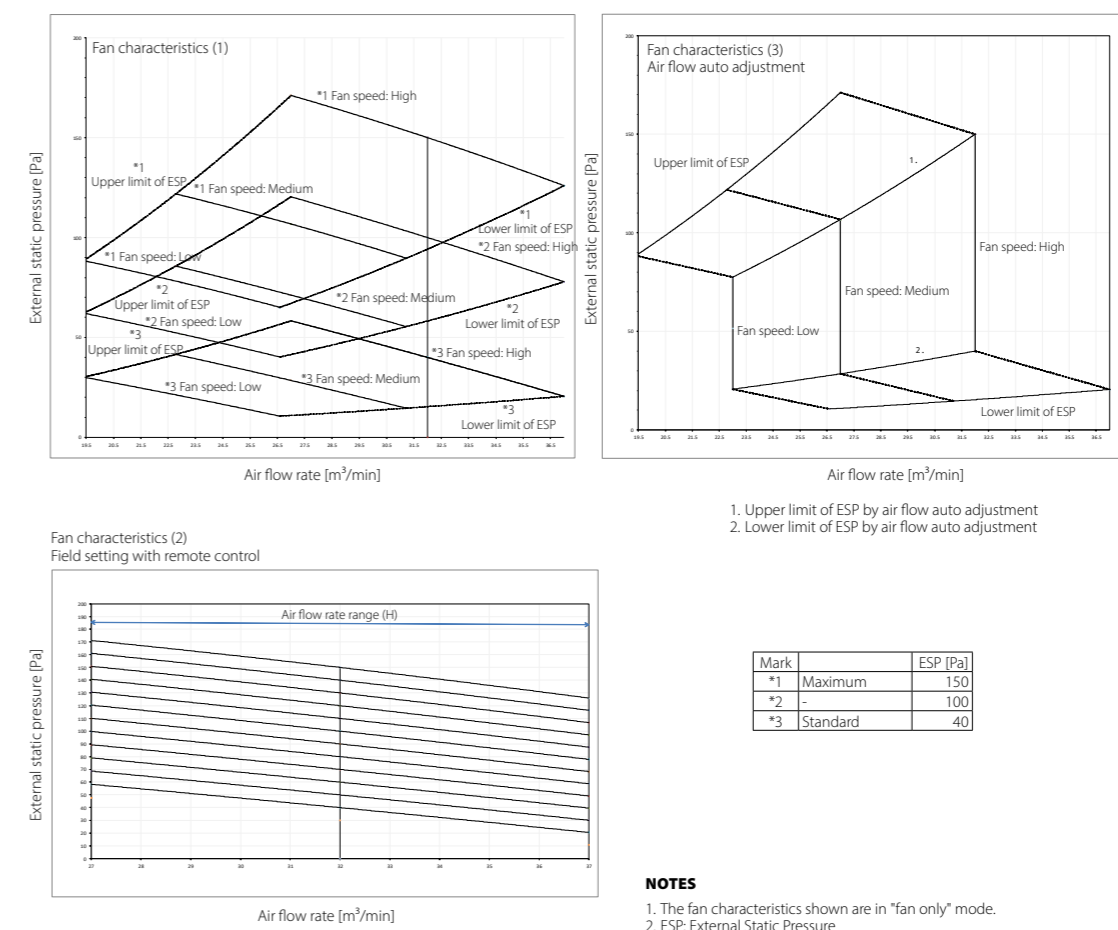
3D095690B

FXSA80A



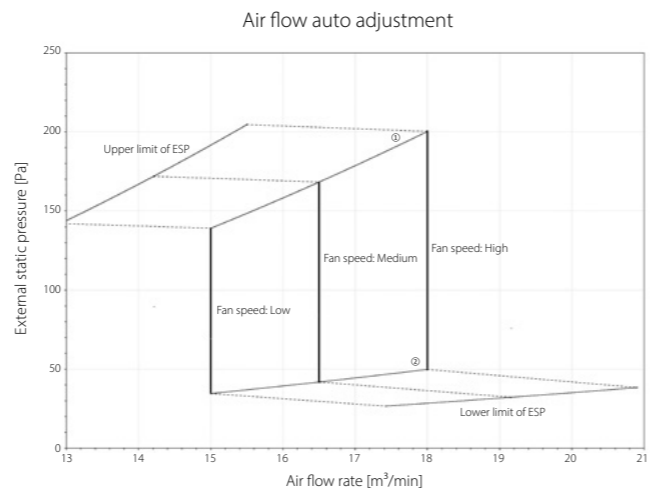
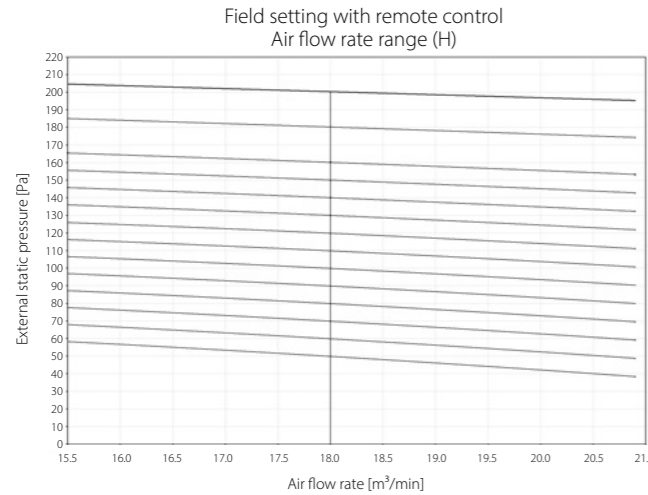
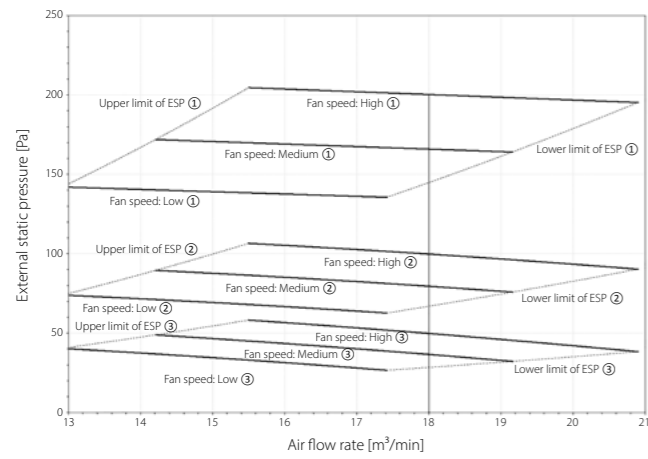
3D095692B

FXSA100A



3D095696B

FXMA50A



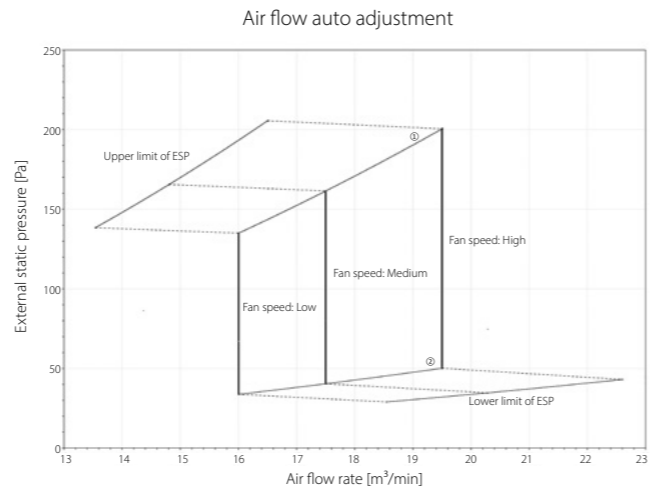
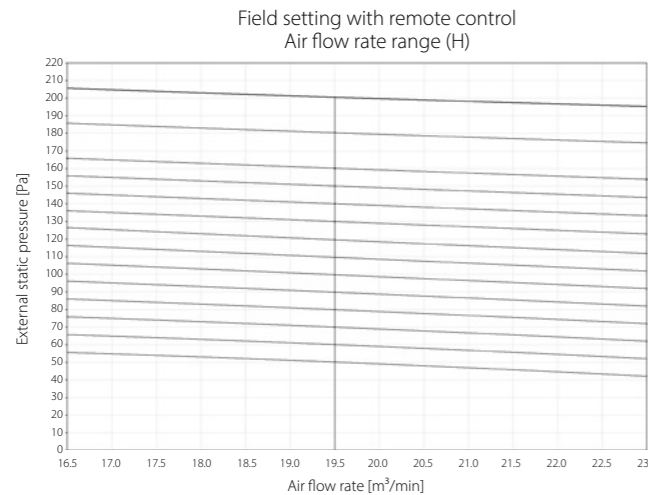
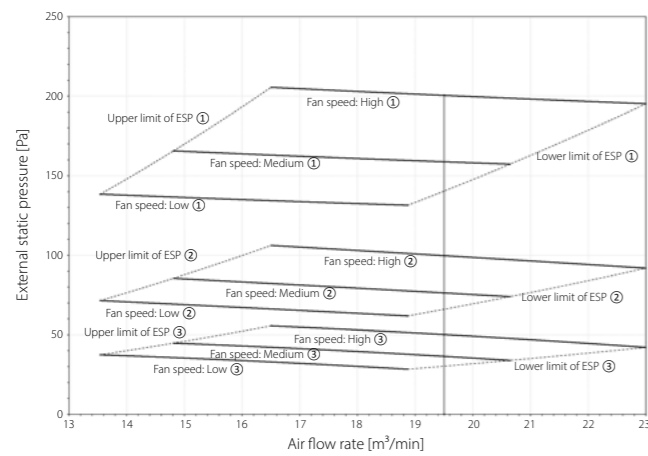
- ① Upper limit of ESP by air flow auto adjustment
- ② Lower limit of ESP by air flow auto adjustment

Mark		ESP [Pa]
①	Maximum	200
②	Standard	100
③	Minimum	50

NOTES
1. The fan characteristics shown are in "fan only" mode.
2. ESP: External static pressure

4D139872

FXMA63A



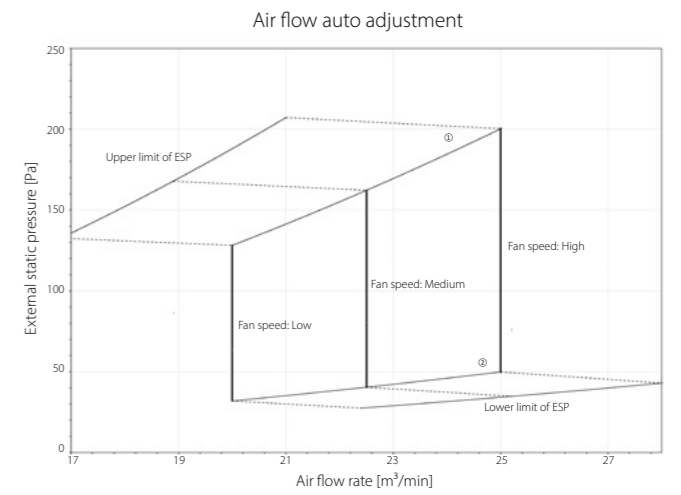
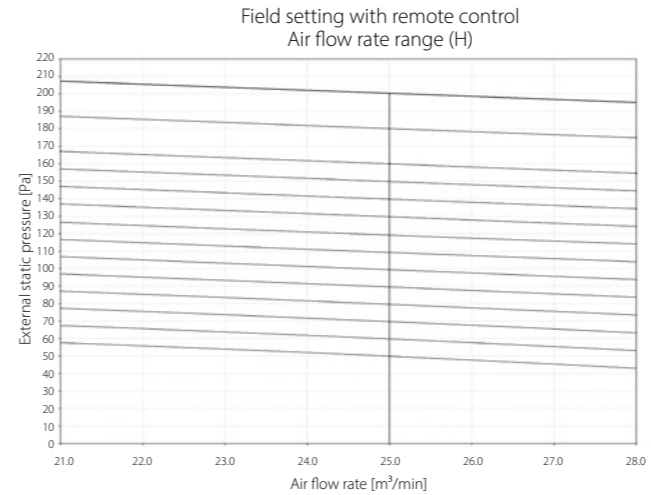
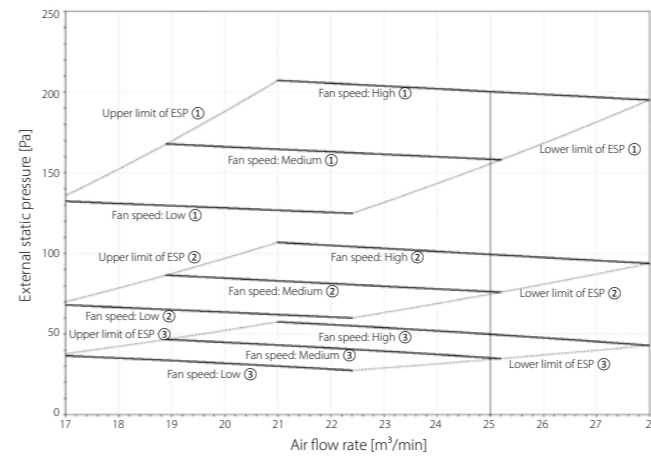
- ① Upper limit of ESP by air flow auto adjustment
- ② Lower limit of ESP by air flow auto adjustment

Mark		ESP [Pa]
①	Maximum	200
②	Standard	100
③	Minimum	50

NOTES
1. The fan characteristics shown are in "fan only" mode.
2. ESP: External static pressure

4D139877

FXMA80A



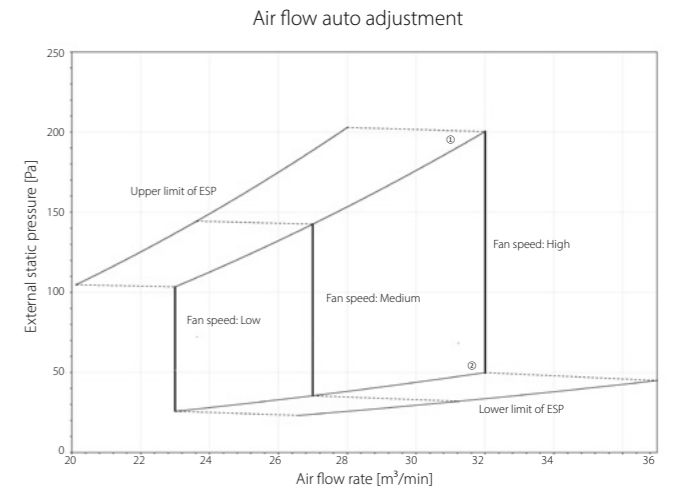
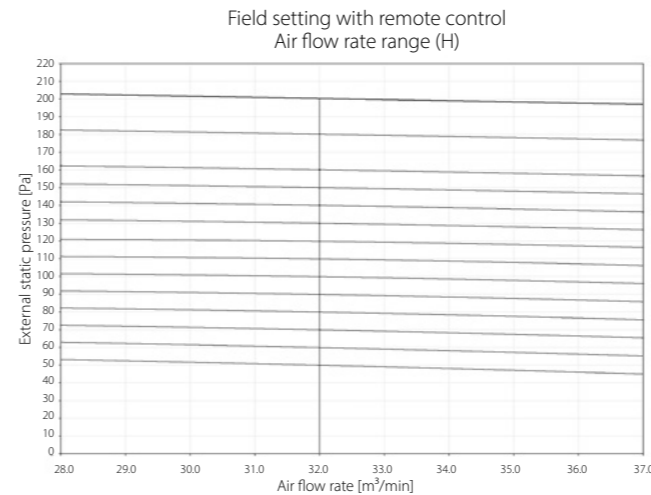
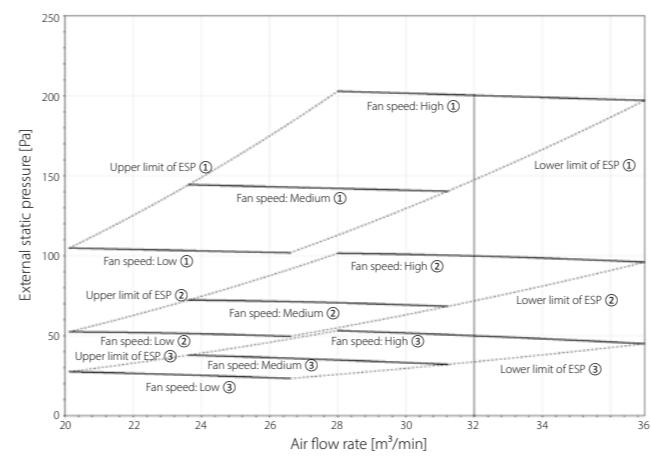
- ① Upper limit of ESP by air flow auto adjustment
- ② Lower limit of ESP by air flow auto adjustment

Mark		ESP [Pa]
①	Maximum	200
②	Standard	100
③	Minimum	50

NOTES
1. The fan characteristics shown are in "fan only" mode.
2. ESP: External static pressure

4D139872

FXMA100A



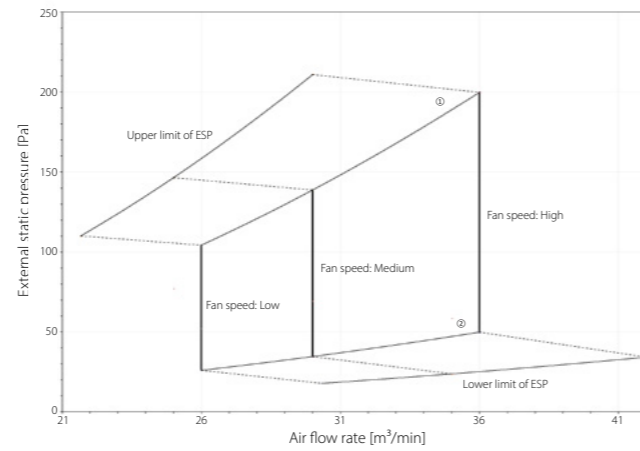
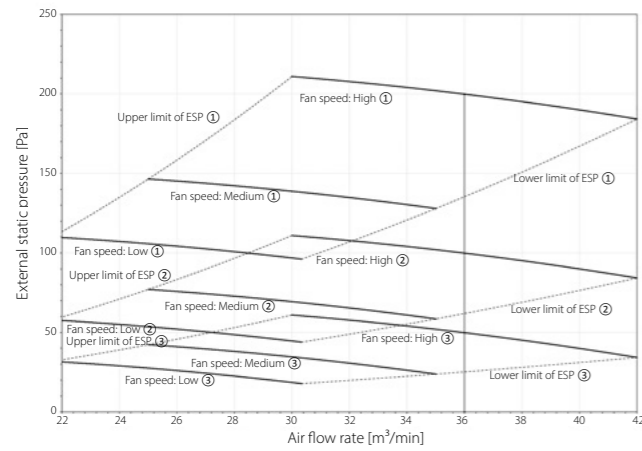
- ① Upper limit of ESP by air flow auto adjustment
- ② Lower limit of ESP by air flow auto adjustment

Mark		ESP [Pa]
①	Maximum	200
②	Standard	100
③	Minimum	50

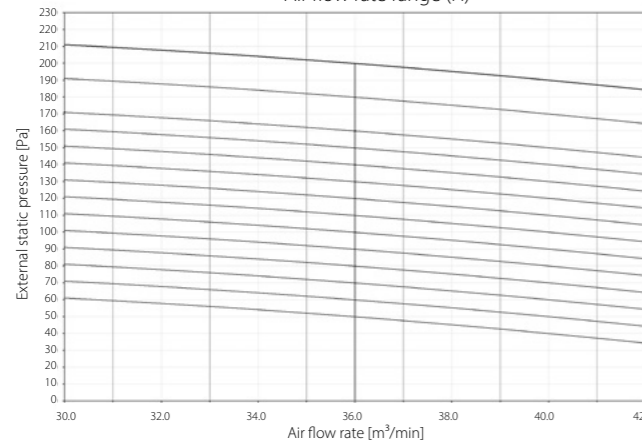
NOTES
1. The fan characteristics shown are in "fan only" mode.
2. ESP: External static pressure

4D139877

FXMA125A



Field setting with remote control
Air flow rate range (H)



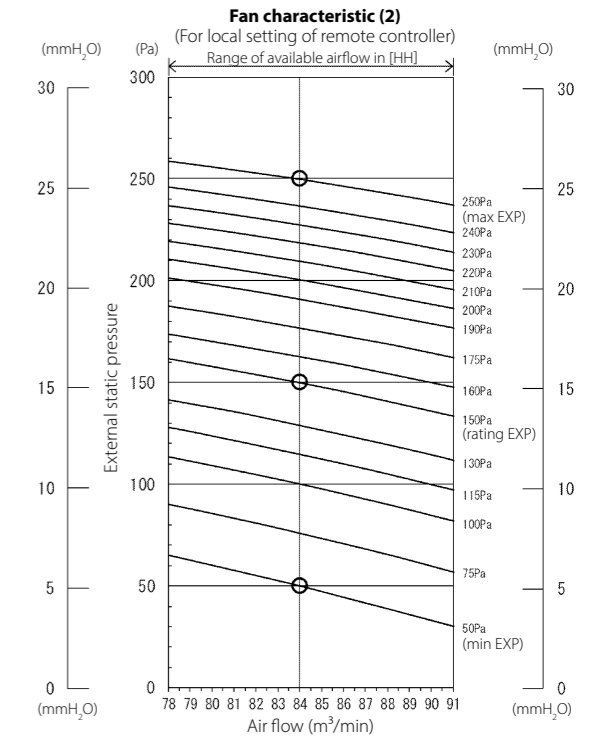
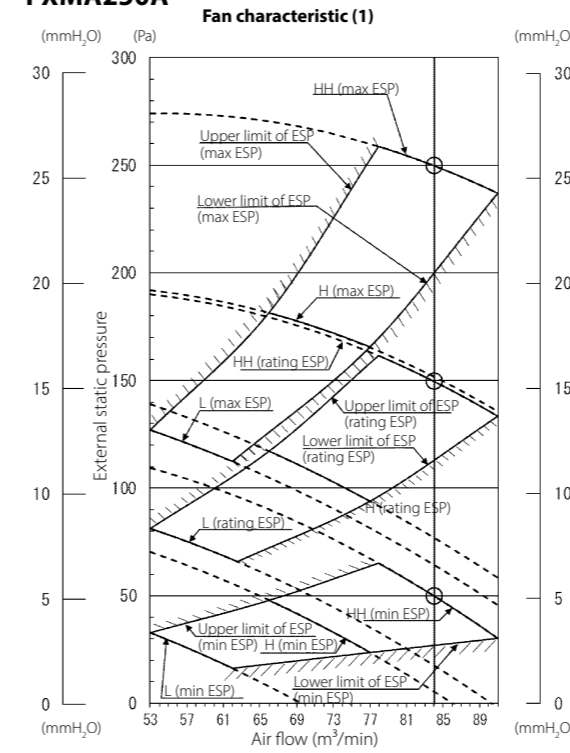
- ① Upper limit of ESP by air flow auto adjustment
- ② Lower limit of ESP by air flow auto adjustment

Mark		ESP [Pa]
①	Maximum	200
②	Standard	100
③	Minimum	50

- NOTES**
- The fan characteristics shown are in "fan only" mode.
 - ESP: External static pressure

4D139872

FXMA250A

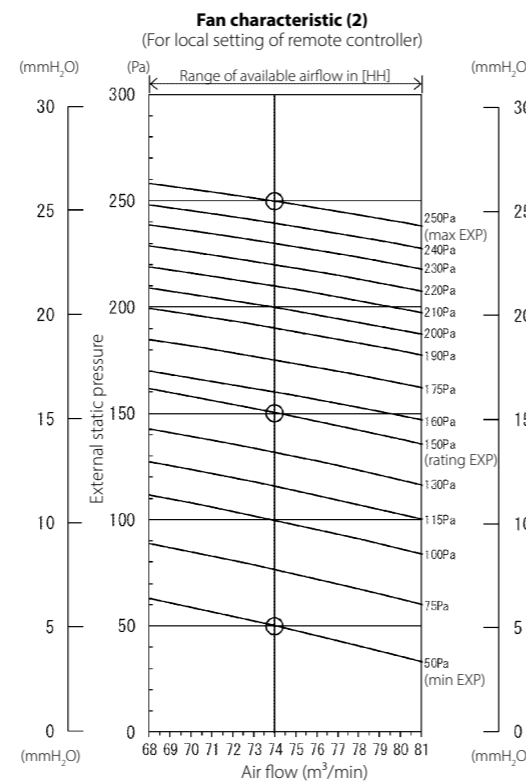
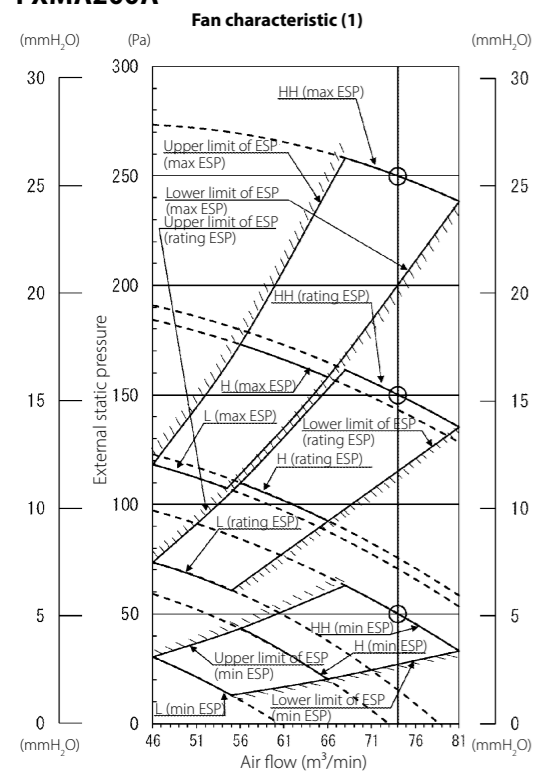


- NOTES**
- As for this machine, setting is possible by 15 positions of ESP.
 - Fan characteristics (1) shows a fan characteristics at the time of "maximum ESP", "rating ESP", "minimum ESP" as a representative.
 - Fan characteristics (2) (for field setting of remote controller) shows a fan characteristics of each ESP of field setting possible air flow rate "HH".

- Please choose air flow rate by fan characteristics (1) and fan characteristics (2) by the resistance of a connected duct.
- A remote controller can be used to change air flow rate of "HH", "H" and "L".
- ESP: External static pressure.

3D119002

FXMA200A

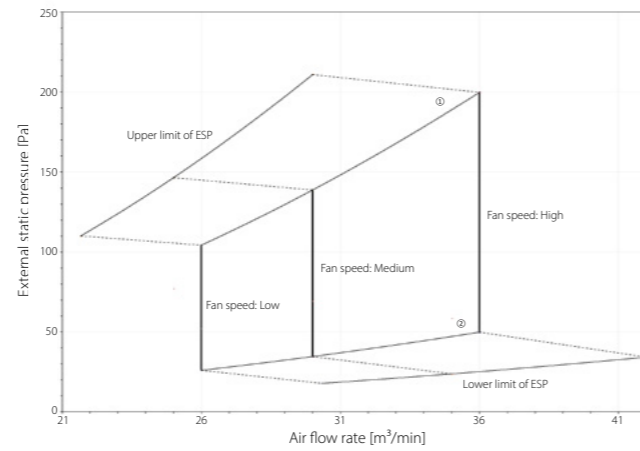
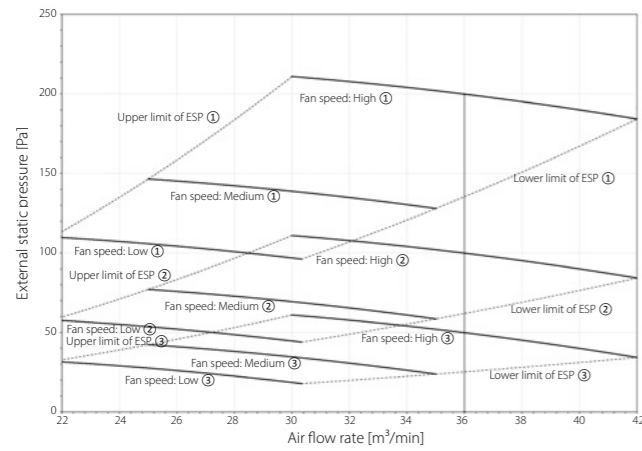


- NOTES**
- As for this machine, setting is possible by 15 positions of ESP.
 - Fan characteristics (1) shows a fan characteristics at the time of "maximum ESP", "rating ESP", "minimum ESP" as a representative.
 - Fan characteristics (2) (for field setting of remote controller) shows a fan characteristics of each ESP of field setting possible air flow rate "HH".

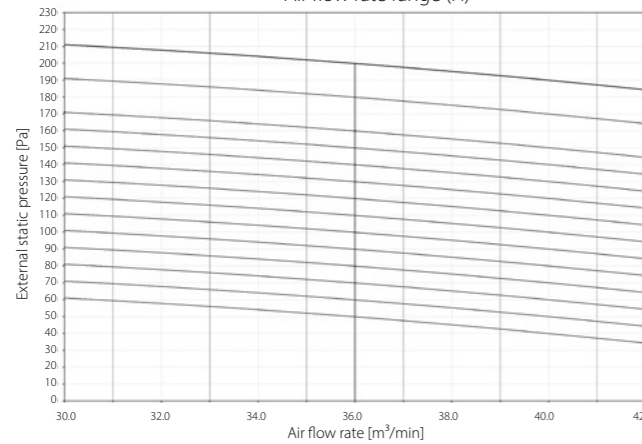
- Please choose air flow rate by fan characteristics (1) and fan characteristics (2) by the resistance of a connected duct.
- A remote controller can be used to change air flow rate of "HH", "H" and "L".
- ESP: External static pressure.

3D118402A

FXMA125A



Field setting with remote control
Air flow rate range (H)



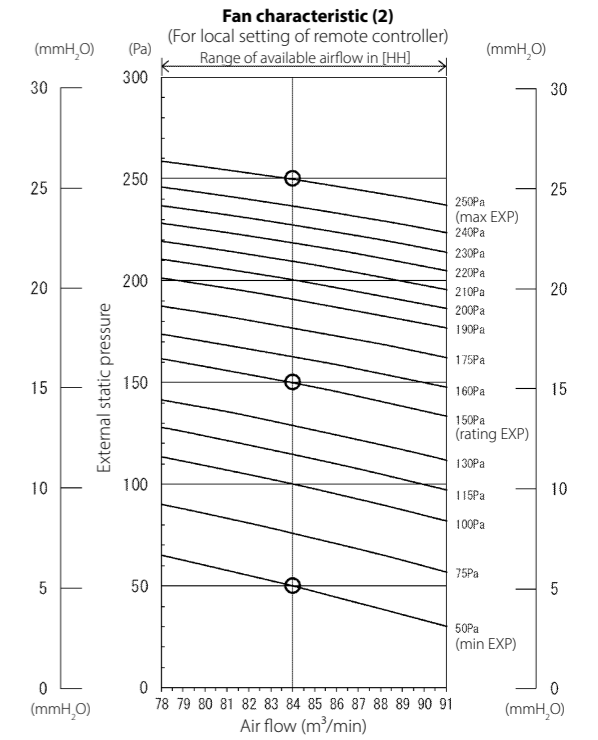
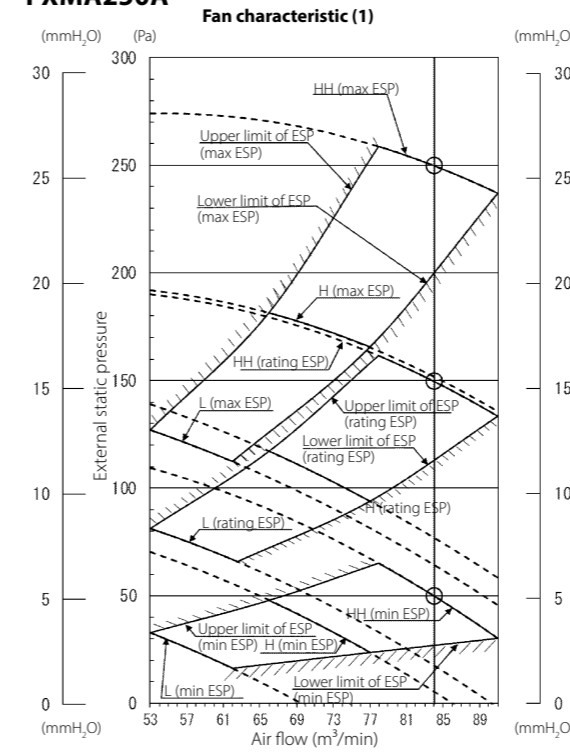
- ① Upper limit of ESP by air flow auto adjustment
- ② Lower limit of ESP by air flow auto adjustment

Mark		ESP [Pa]
①	Maximum	200
②	Standard	100
③	Minimum	50

- NOTES**
- The fan characteristics shown are in "fan only" mode.
 - ESP: External static pressure

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FXMA250A

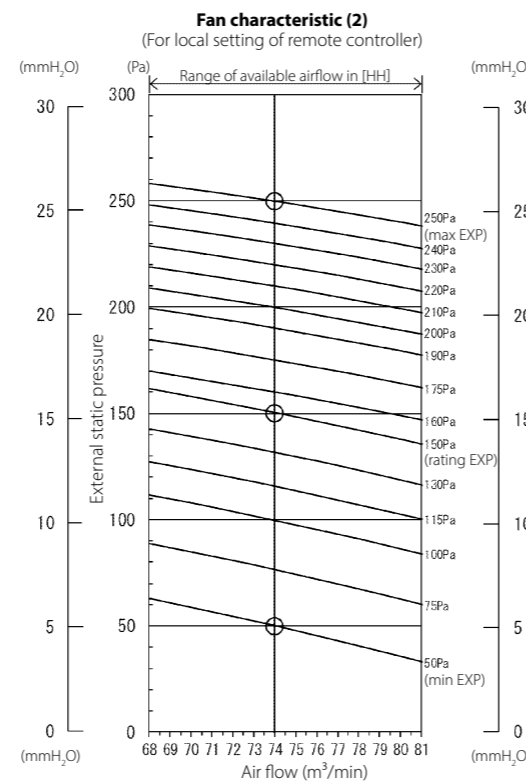
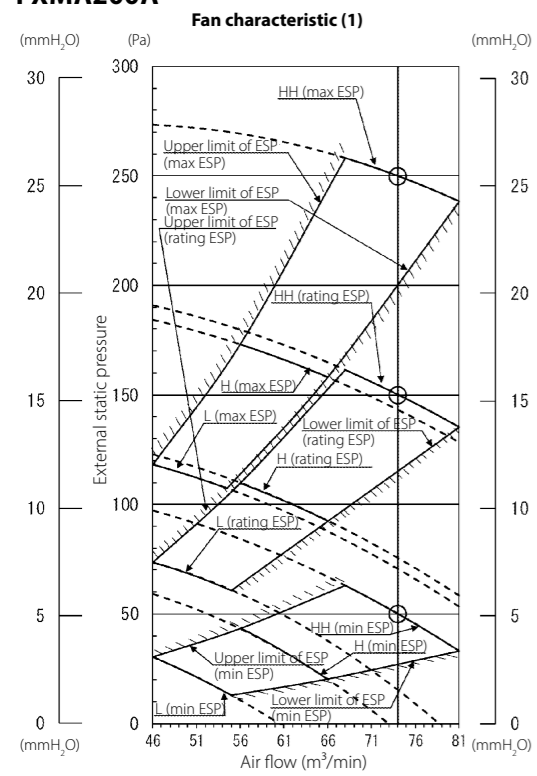


- NOTES**
- As for this machine, setting is possible by 15 positions of ESP.
 - Fan characteristics (1) shows a fan characteristics at the time of "maximum ESP", "rating ESP", "minimum ESP" as a representative.
 - Fan characteristics (2) (for field setting of remote controller) shows a fan characteristics of each ESP of field setting possible air flow rate "HH".

- Please choose air flow rate by fan characteristics (1) and fan characteristics (2) by the resistance of a connected duct.
- A remote controller can be used to change air flow rate of "HH", "H" and "L".
- ESP: External static pressure.

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FXMA200A



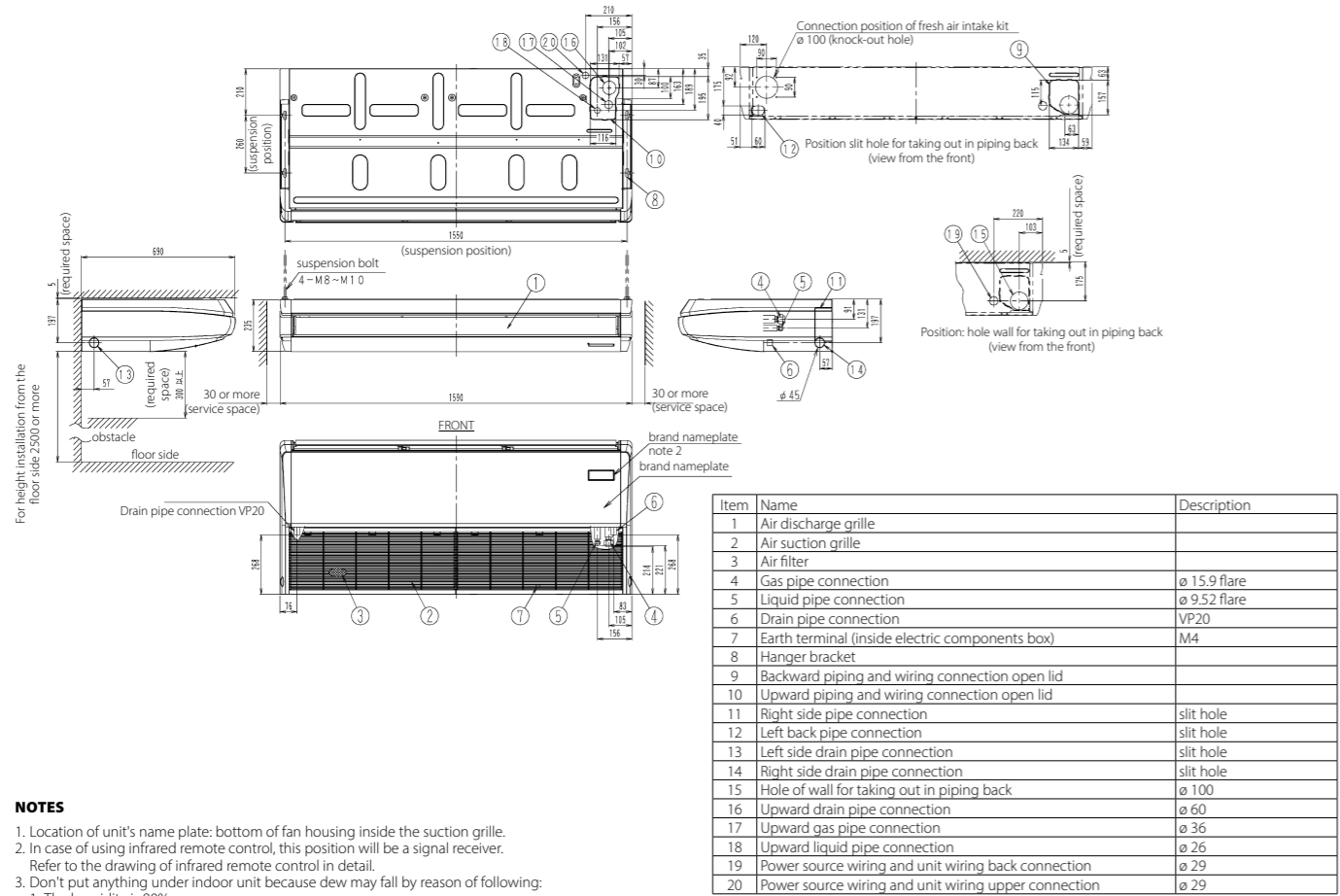
- NOTES**
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- A remote controller can be used to change air flow rate of "HH", "H" and "L".
- ESP: External static pressure.

3D118402A

Detailed technical drawings

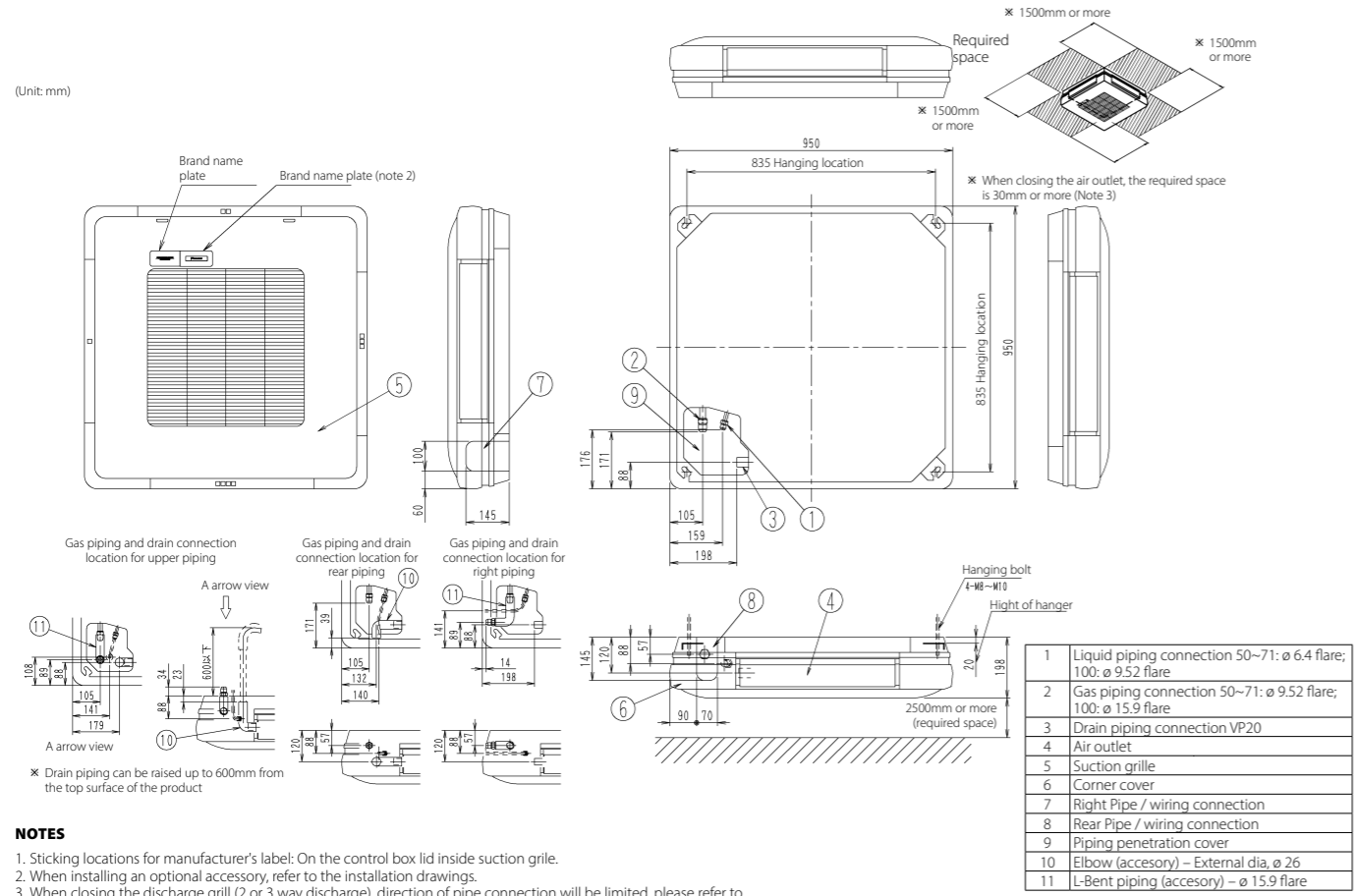
FXHA100A



- NOTES**
1. Location of unit's name plate: bottom of fan housing inside the suction grille.
 2. In case of using infrared remote control, this position will be a signal receiver. Refer to the drawing of infrared remote control in detail.
 3. Don't put anything under indoor unit because dew may fall by reason of following:
 1. The humidity is 80% or more.
 2. The drain outlet is stopped up.
 3. The air filter is dirty.

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FXUA-A



- NOTES**
1. Sticking locations for manufacturer's label: On the control box lid inside suction grille.
 2. When installing an optional accessory, refer to the installation drawings.
 3. When closing the discharge grill (2 or 3 way discharge), direction of pipe connection will be limited, please refer to installation manual.
 4. Please do not place the thing been damp and troubled under an indoor unit. When the case where humidity in more 80% or more, and drain outlet are choked up and the air filter are dirty, dew may fall.

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Notes

Notes section with horizontal lines for writing.

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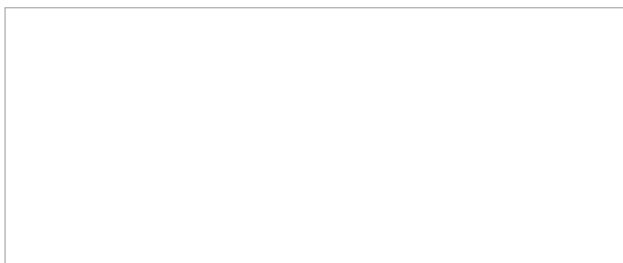
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ECPEN22-212 03/2022



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Printed on non-chlorinated paper. Prepared by La Movida.