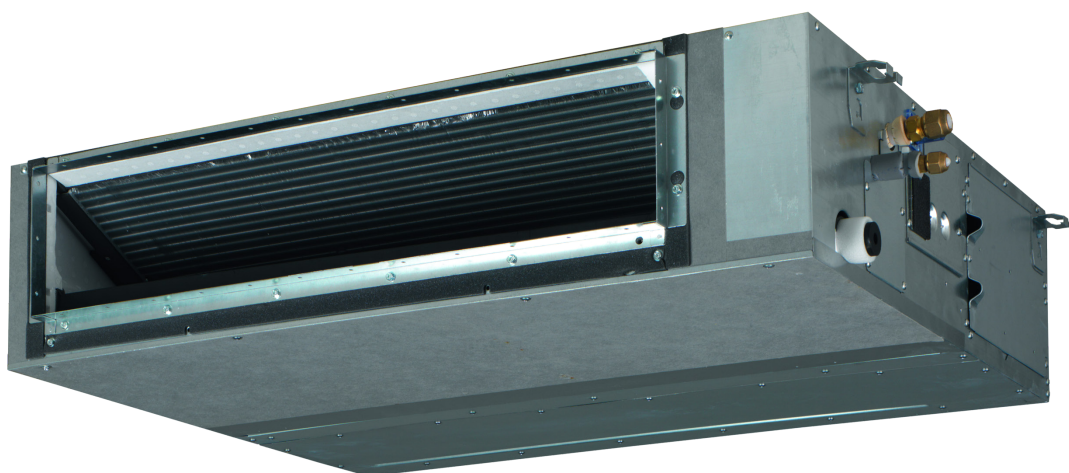


# Concealed ceiling unit with medium ESP Air Conditioning Technical Data FBA-A(9)



FBA35A2VEB9  
FBA50A2VEB9  
FBA60A2VEB9  
FBA71A2VEB9  
FBA100A2VEB  
FBA125A2VEB  
FBA140A2VEB



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## FBA-A(9)

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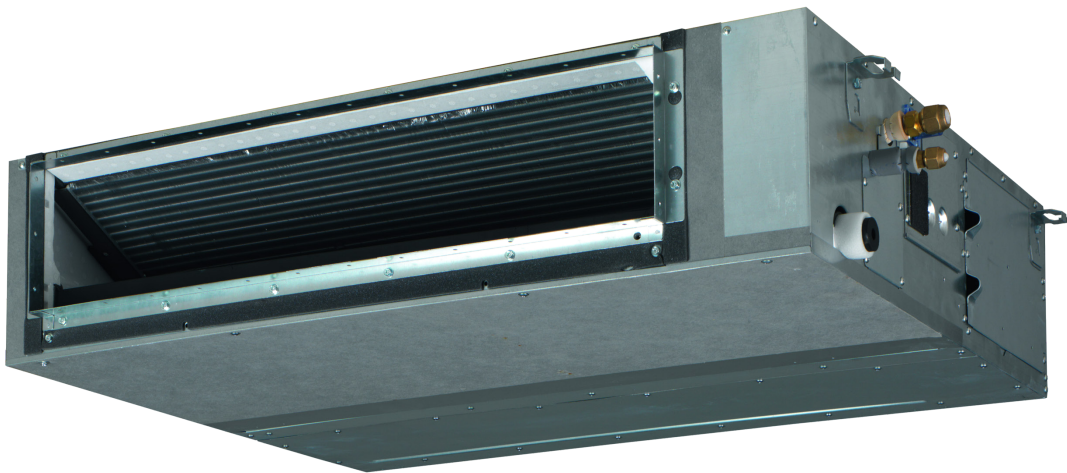
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# 1 Features

## 1 - 1 FBA-A(9)

### Slimmest yet most powerful medium static pressure unit on the market

- › Slimmest unit in class, only 245mm (300mm built-in height) and therefore narrow ceiling voids are no longer a challenge
- › Low operation sound level down to 25dBA
- › Medium external static pressure up to 150Pa facilitates using flexible ducts of varying lengths
- › Unified indoor unit range for R-32 and R-410A
- › Combining with R-32 Bluevolution technology, reduces environmental impact with 68% compared to R-410A, leads directly to lower energy consumption thanks to its high energy efficiency and has up to lower 16% refrigerant charge
- › Possibility to change ESP via wired remote control allows optimisation of the supply air volume
- › Discretely concealed in the ceiling; only the suction and discharge grilles are visible
- › Multi zoning kit allows multiple individually-controlled climate zones to be served by one indoor unit
- › Reduced energy consumption thanks to specially developed DC fan motor
- › Optional fresh air intake
- › Flexible installation: air suction direction can be altered from rear to bottom suction and choice between free use or connection to optional suction grilles
- › Standard built-in drain pump with 625mm lift increases flexibility and installation speed



- |  |  |   |  |   |  |   |   |  |
|--|--|---|--|---|--|---|---|--|
| <br>Infrastructure cooling  | <br>Multi zoning (optional)         | <br>Onecta app (optional)              | <br>Home leave operation            | <br>Fan only                       | <br>Auto cooling-heating changeover | <br>Whisper quiet  | <br>Fan speed steps (3 steps + auto) | <br>Dry programme                       |
| <br>Air filter              | <br>Weekly timer (optional)         | <br>Infrared remote control (optional) | <br>Wired remote control (optional) | <br>Centralised control (optional) | <br>Auto-restart                    | <br>Self diagnosis | <br>Drain pump kit (standard)        | <br>Twin/triple/double twin application |
| <br>Multi model application | <br>VRV for residential application |   |  |   |  |   |   |  |

## 2 Specifications

### 2 - 1 Specifications

Technical specifications					FBA35A9	FBA50A9	FBA60A9	FBA71A9	
Casing	Colour	Not painted (galvanised)							
	Material	Galvanised steel plate							
Dimensions	Unit	Height	mm			245			
		Width	mm		700			1,000	
		Depth	mm				800		
	Packed unit	Height	mm				890		
		Width	mm		900			1,200	
		Depth	mm				295		
Weight	Unit	kg		28.0			35.0		
	Packed unit	kg		30.5			38.0		
Heat exchanger	Fin	Type	Cross fin coil (Multi slit fins with hydrophilic treatment and Ø5HI-XA tubes)						
Fan	Model	QD16A1CM/QD16A1DM							
	Type	Sirocco fan							
	Quantity				1			2	
	Air flow rate	Cooling	High	m <sup>3</sup> /min	15.0			18.0	
			Medium	m <sup>3</sup> /min	12.5			15.0	
			Low	m <sup>3</sup> /min	10.5			12.5	
		Heating	High	m <sup>3</sup> /min	15.0			18.0	
			Medium	m <sup>3</sup> /min	12.5			15.0	
Low			m <sup>3</sup> /min	10.5			12.5		
External static pressure	Nom.	Pa						30	
Fan motor	Quantity	1							
	Model	Brushless DC motor							
	Speed	Steps	3						
	Output	Rated	W	130			230		
Sound power level	Cooling		dBA	60.0			56.0		
Sound pressure level	Cooling	High	dBA	35.0			30.0		
		Medium	dBA	32.0			28.0		
		Low	dBA	29.0			25.0		
	Heating	High	dBA	37.0			31.0		
		Medium	dBA	34.0			28.0		
		Low	dBA	29.0			25.0		
Refrigerant	Type	R-32 / R-410A							
Piping connections	Sound absorbing insulation	Butyl Rubber							
	Liquid	Type	Flare connection						
Piping connections	Gas	Type	Flare connection						
		OD	mm		6.35			9.52	
	Drain	Type	VP20 (I.D. 20/O.D. 26)						
		Heat insulation	Foamed polystyrene / Foamed polyethylene						
Drain-up height		mm	625						
Air filter	Type	Resin net							
Control systems	Infrared remote control	BRC4C65 / BRC4C66							
	Wired remote control	BRC1H52W/S/K / BRC1E53A / BRC1E53B / BRC1E53C / BRC1D52							

Technical specifications					FBA100A	FBA125A	FBA140A	
Cooling capacity	Sensible capacity	Nom.	kW	-	9.06	9.98		
		Nom.	kW	-	4.94	5.42		
		Nom.	kW	-	14.00	15.40		
Heating capacity	Total capacity	Nom.	kW	-	13.5	15.5		
Power input - 50Hz	Cooling	Nom.	kW	-	0.23			
	Heating	Nom.	kW	-	0.23			
Casing	Colour	Not painted (galvanised)						
	Material	Galvanised steel plate						
Dimensions	Unit	Height	mm		245			
		Width	mm		1,400			
		Depth	mm		800			
	Packed unit	Height	mm			890		
		Width	mm		1,600			
		Depth	mm		295			
Weight	Unit	kg		46.0				
	Packed unit	kg		49.0				
Heat exchanger	Fin	Type	Cross fin coil (Multi slit fins with hydrophilic treatment and Ø5HI-XA tubes)					

## 2 Specifications

### 2 - 1 Specifications

2

Technical specifications				FBA100A	FBA125A	FBA140A	
Fan	Model			QD16A1CM/QD16A1DM			
	Type			Sirocco fan			
	Quantity			3			
	Air flow rate	Cooling	High	m <sup>3</sup> /min	29.0		34.0
			Medium	m <sup>3</sup> /min	24.5		29.0
			Low	m <sup>3</sup> /min	20.0		23.5
	Heating	High	High	m <sup>3</sup> /min	29.0		34.0
			Medium	m <sup>3</sup> /min	24.5		29.0
Low			m <sup>3</sup> /min	20.0		23.5	
External static pressure	Nom.		Pa	40		50	
Fan motor	Quantity			1			
	Model			Brushless DC motor			
	Speed	Steps		3			
	Output	Rated	W	300			
Sound power level	Cooling		dBA	58.0		62.0	
Sound pressure level	Cooling	High	dBA	34.0		37.0	
		Medium	dBA	32.0		35.0	
		Low	dBA	30.0		32.0	
Sound pressure level	Heating	High	dBA	36.0		38.0	
		Medium	dBA	33.0		35.0	
		Low	dBA	30.0		32.0	
Refrigerant	Type			R-32 / R-410A			
Piping connections	Sound absorbing insulation			Butyl Rubber			
	Liquid	Type		Flare connection			
		OD	mm	9.52			
	Gas	Type		Flare connection			
		OD	mm	15.90			
Drain				VP20 (I.D. 20/O.D. 26)			
Heat insulation				Foamed polystyrene / Foamed polyethylene			
Drain-up height	mm			625			
Air filter	Type			Resin net			
Control systems	Infrared remote control			BRC4C65 / BRC4C66			
	Wired remote control			BRC1H52W/S/K / BRC1E53A / BRC1E53B / BRC1E53C / BRC1D52			

Standard accessories: Operation manual;Quantity: 1;

Standard accessories: Installation manual;Quantity: 1;

Standard accessories: Drain hose;Quantity: 1;

Standard accessories: Metal clamp for drain hose;Quantity: 1;

Standard accessories: Washer for hanger bracket;Quantity: 8;

Standard accessories: Screws;Quantity: 40;

Standard accessories: Insulation for fitting;Quantity: 2;

Standard accessories: Sealing pads;Quantity: 5;

Standard accessories: Clamps;Quantity: 4;

Electrical specifications				FBA35A9	FBA50A9	FBA60A9	FBA71A9	
Power supply	Phase			1~				
	Frequency			Hz				50/60
	Voltage			V				220-240/220

Electrical specifications				FBA100A	FBA125A	FBA140A	
Power supply	Phase			1~			
	Frequency			Hz			50/60
	Voltage			V			220-240/220

The sound power level is an absolute value indicating the power which a sound source generates. | See separate drawing for electrical data

### 3 Safety device settings

#### 3 - 1 Safety Device Settings

FBA35-71A9  
FBA100-140A

3

Safety devices		FBA35-71A2VEB(9)	FBA100-140A2VEB
PCB fuse		250V, 3.15A	250V, 3.15A
Fan motor thermal protector	Maximum	110°C	110°C
Drain pump fuse		---	---

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# 4 Options

## 4 - 1 Options

### FBA-A(9)

4

		SA			
		ADEA35A FBA35A(9) ADEA60A FBA50A(9)	ADEA60A FBA60A(9) ADEA71A FBA71A(9)	ADEA100A FBA100A ADEA125A FBA125A	FBA140A
Discharge	Option kit				
Air discharge adaptor for round ducts	KDAP25A56A KDAP25A71A KDAP25A140A	x	x		x

		SA			
		ADEA35A FBA35A(9) ADEA60A FBA50A(9)	ADEA60A FBA60A(9) ADEA71A FBA71A(9)	ADEA100A FBA100A ADEA125A FBA125A	FBA140A
Operation control	Option kit				
Wired remote control	BRC1D528, BRC1H51(9)W/S/K, BRC1H81W/S BRC1E53A7 BRC1E53B7 BRC1E53C7	X X(*7) X(*8) X(*9,10)	X X(*7) X(*8) X(*9,10)	X X(*7) X(*8) X(*9,10)	X X(*7) X(*8) X(*9,10)
Central remote control	DCS302CA51	X	X	X	X
Unified ON/OFF controller	DCS301BA51	X	X	X	X
Intelligent touch controller	DCS601CS1	X	X	X	X
Schedule timer	DST301BA51	X	X	X	X
Adaptor for wiring (interlock for fresh air intake fan)	KRP1B54	X	X	X	X
Wiring adaptor for electrical appendices	KRP4A52	X(*4)	X(*4)	X(*4)	X(*4)
Wiring adaptor for electrical appendices	KRP4A51	X(*2,4)	X(*2,4)	X(*2,4)	X(*2,4)
Optional PCB for external electric heaters, humidifiers and/or hour meters	EKRP1B2A	X(*1,2)	X(*1,2)	X(*1,2)	X(*1,2)
Wireless remote control -H/P-	BRC4C65	X	X	X	X
Wireless remote control -C/O-	BRC4C66	X	X	X	X
Simplified remote control for hotel use	BRC2E52C7	X(*6,10)	X(*6,10)	X(*6,10)	X(*6,10)
Remote control for hotel use	BRC3E52C7	X(*6,10)	X(*6,10)	X(*6,10)	X(*6,10)
Remote sensor	KRCS01-4B	X	X	X	X
Electrical box with earth terminal	KJB411A	X	X	X	X
Installation box for adaptor PCB	KRP1BA101 KRP1B101	X X	X X	X X	X X
Digital input adaptor	BRP7A51	X(*3,5)	X(*3,5)	X(*3,5)	X(*3,5)
iTouch Manager	DCM601A51	X	X	X	X
Wi-Fi adaptor for smartphones	BRP069A81 (*11)	X	X	X	X

- (\*1) Electric heaters and humidifiers are field-supplied. Do not install them inside the equipment (refer to installation manual -EKRP1B2A- ).
- (\*2) When installing electric heaters, an optional PCB for external electric heaters (-EKRP1B2-) is required for each indoor unit.
- (\*3) These options require mounting plate -KRP4A96-.
- (\*4) Maximally -2- optional PCBs can be mounted.
- (\*4) This option needs to be installed together with installation box -KRP1B101/KRP1BA101-.
- (\*5) Only possible in combination with remote control -BRC2/3E52C7, BRC1E53A/B/C7, BRC1H51(9)W/S/K, BRC1H81W/S-.
- (\*6) Included languages are:  
 Language pack -1-: English, German, French, Dutch, Spanish, Italian, and Portuguese.  
 With PC cable -EKPCAB3- in combination with the Updater PC software, you can additionally change the language to:  
 Language pack -2-: English, Bulgarian, Croatian, Czech, Hungarian, Romanian, and Slovenian.  
 Language pack -3-: English, Greek, Polish, Russian, Serbian, Slovak, and Turkish.
- (\*7) Included languages are: English, German, French, Italian, Spanish, Portuguese, and Dutch.
- (\*8) Included languages are: English, Czech, Croatian, Hungarian, Slovenian, Romanian, and Bulgarian.
- (\*9) Included languages are: English, Russian, Greek, Turkish, Polish, Albanian, and Slovak.
- (\*10) Language pack -3- of controller -BRC1E53C7- is different from that of controller -BRC2/3E52C7-.
- (\*11) Only possible in combination with wired or wireless remote control (e.g. -BRC1E\*, BRC1H\*, BRC7FA\*.)

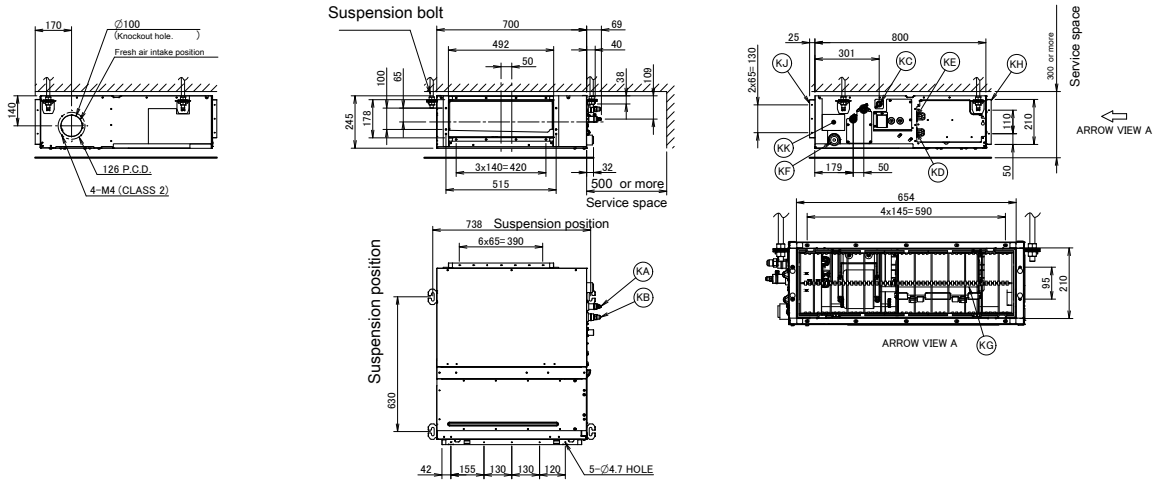
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# 5 Dimensional drawings

## 5 - 1 Dimensional Drawings

### FBA35A9



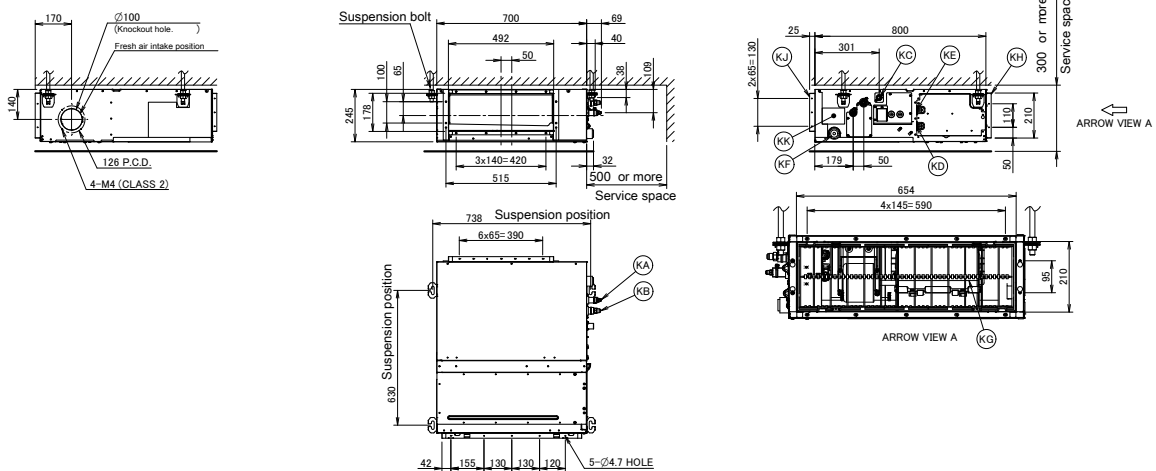
Item	Name	Description
KA	Liquid pipe connection port	Ø6.35 flared connection
KB	Gas pipe connection port	Ø9.52 flared connection
KC	Drain pipe connection	VP20 (OD Ø26, ID Ø20)
KD	Wiring connection	/
KE	Power supply connection	/
KF	Drain outlet	VP20 (OD Ø26, ID Ø20)
KG	Air filter	/
KH	Air suction side	/
KJ	Air discharge side	/
KK	Nameplate	/

Notes

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

**3D094988B**

### FBA50A9



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

Notes

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

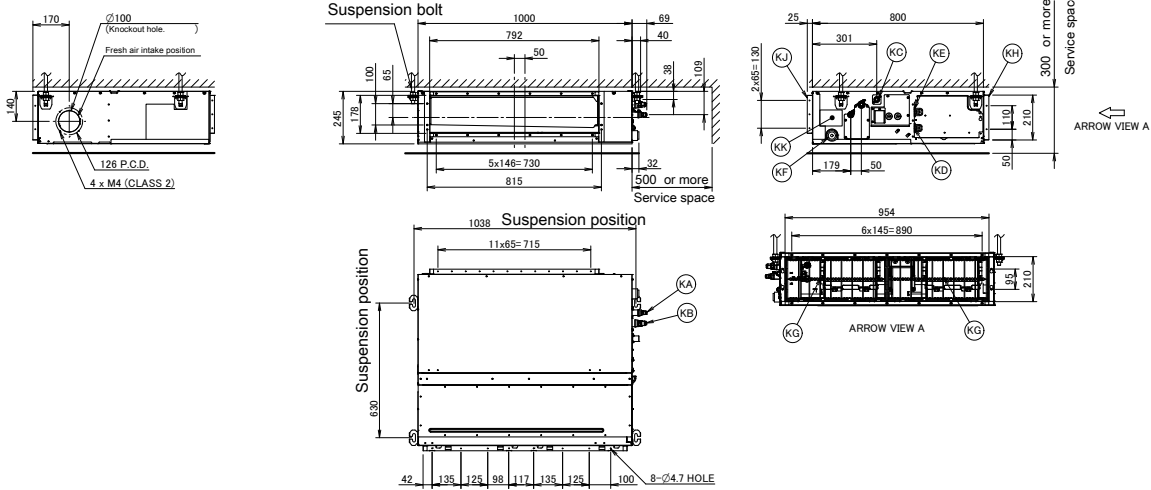
**3D094918B**

# 5 Dimensional drawings

## 5 - 1 Dimensional Drawings

5

### FBA60A9



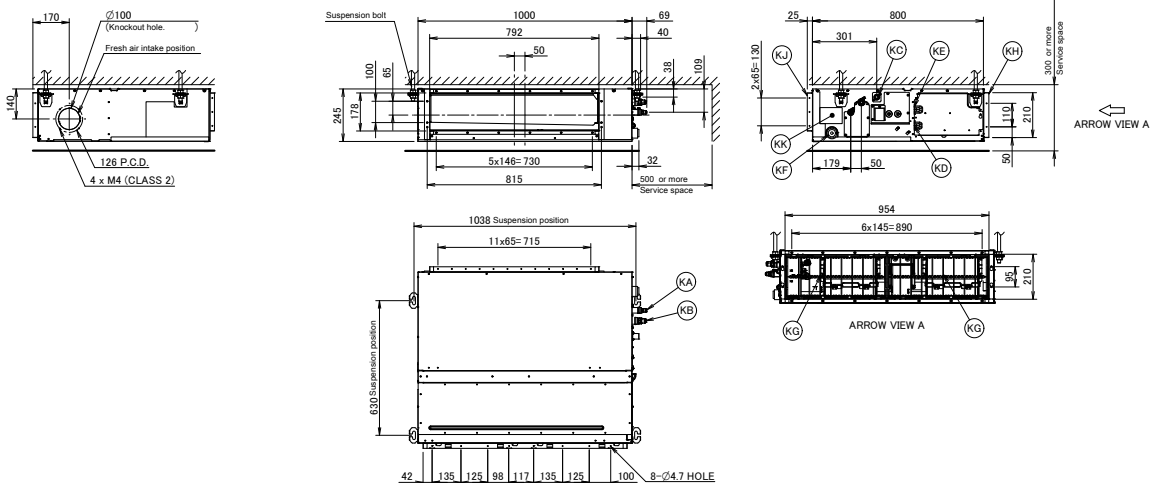
Item	Name	Description
KA	Liquid pipe connection port	Ø6.35 flared connection
KB	Gas pipe connection port	Ø12.70 flared connection
KC	Drain pipe connection	VP20 (OD Ø26, ID Ø20)
KD	Wiring connection	/
KE	Power supply connection	/
KF	Drain outlet	VP20 (OD Ø26, ID Ø20)
KG	Air filter	/
KH	Air suction side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

Notes

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

3D094983B

### FBA71A9



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

Notes

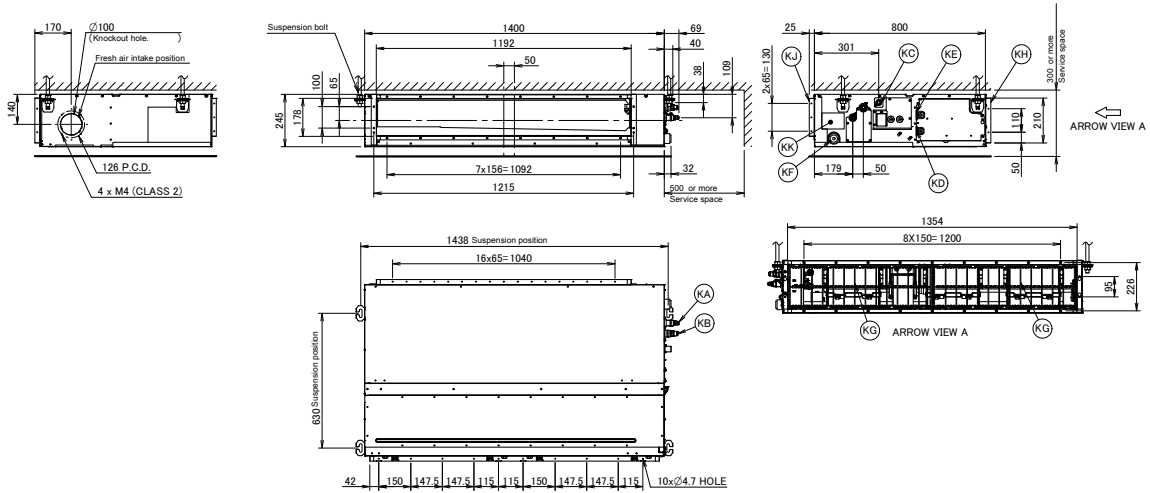
1. When installing optional accessories, refer to their respective documentation.
2. The ceiling depth varies according to the documentation of the specific system.

3D094915B

# 5 Dimensional drawings

## 5 - 1 Dimensional Drawings

### FBA100-140A



Item	Name	Description
KA	Liquid pipe connection port	$\varnothing 9.52$ flared connection
KB	Gas pipe connection port	$\varnothing 15.90$ flared connection
KC	Drain pipe connection	VP20 (OD $\varnothing 26$ , ID $\varnothing 20$ )
KD	Wiring connection	/
KE	Power supply connection	/
KF	Drain outlet	VP20 (OD $\varnothing 26$ , ID $\varnothing 20$ )
KG	Air filter	/
KH	Air suction side	/
KJ	Air discharge side	/
KK	Nameplate	/

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

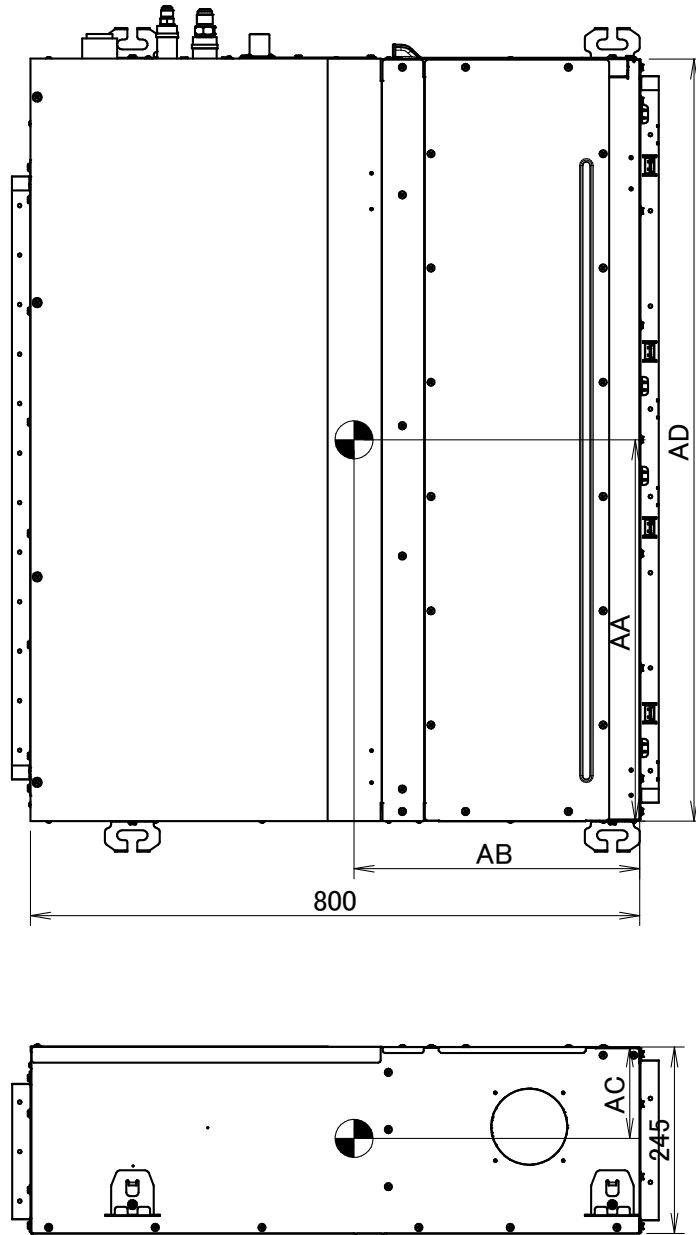
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# 6 Centre of gravity

## 6 - 1 Centre of Gravity

6

FBA-A(9)



Applicable models	AA	AB	AC	AD
FBQ35/50, FBA35/50, ADEA35/50	410	375	125	700
FBQ60/71, ADEQ71, FBA60/71, ADEA60/71	525	380	125	1000
FBQ100/125/140, ADEQ100/125, FBA100/125/140, ADEA100/125	760	390	115	1400

4D093590C

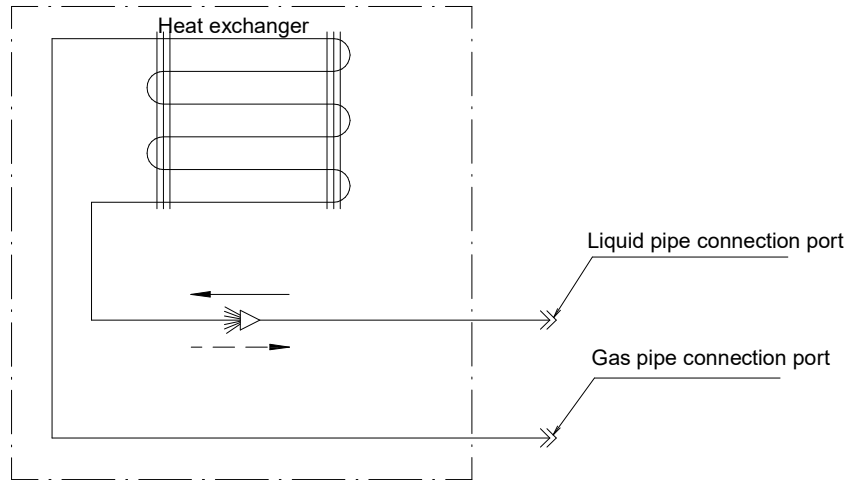
# 7 Piping diagrams

## 7 - 1 Piping Diagrams

FBA-A(9)

Piping connections Ø

Model	Gas	Liquid
FBQ35D2VEB	Ø 9.52	Ø 6.35
FBQ50D2VEB	Ø 12.70	Ø 6.35
FBQ60D2VEB	Ø 12.70	Ø 6.35
FBQ71D2VEB	Ø 15.90	Ø 9.52
FBQ100D2VEB	Ø 15.90	Ø 9.52
FBQ125D2VEB	Ø 15.90	Ø 9.52
FBQ140D2VEB	Ø 15.90	Ø 9.52
ADEQ71B2VEB	Ø 15.90	Ø 9.52
ADEQ100B2VEB	Ø 15.90	Ø 9.52
ADEQ125B2VEB	Ø 15.90	Ø 9.52
FBA35A2VEB (9)	Ø 9.52	Ø 6.35
FBA50A2VEB (9)	Ø 12.70	Ø 6.35
FBA60A2VEB (9)	Ø 12.70	Ø 6.35
FBA71A2VEB (9)	Ø 15.90	Ø 9.52
FBA100A2VEB	Ø 15.90	Ø 9.52
FBA125A2VEB	Ø 15.90	Ø 9.52
FBA140A2VEB	Ø 15.90	Ø 9.52
ADEA35A2VEB	Ø 9.52	Ø 6.35
ADEA50A2VEB	Ø 12.70	Ø 6.35
ADEA60A2VEB	Ø 12.70	Ø 6.35
ADEA71A2VEB	Ø 15.90	Ø 9.52
ADEA100A2VEB	Ø 15.90	Ø 9.52
ADEA125A2VEB	Ø 15.90	Ø 9.52



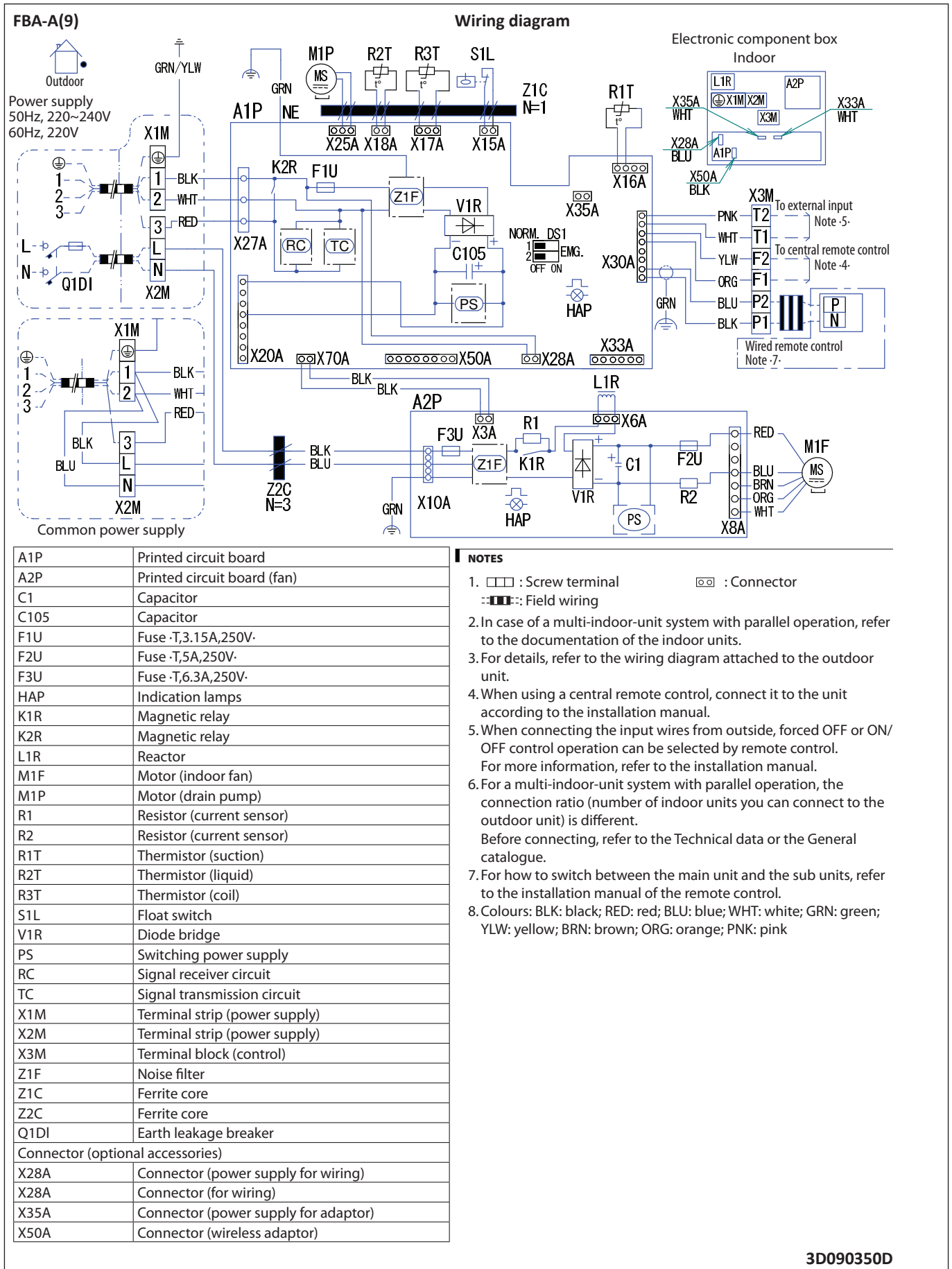
Refrigerant flow  
 Cooling →  
 Heating ←

3D090271D

# 8 Wiring diagrams

## 8 - 1 Wiring Diagrams - Three Phase

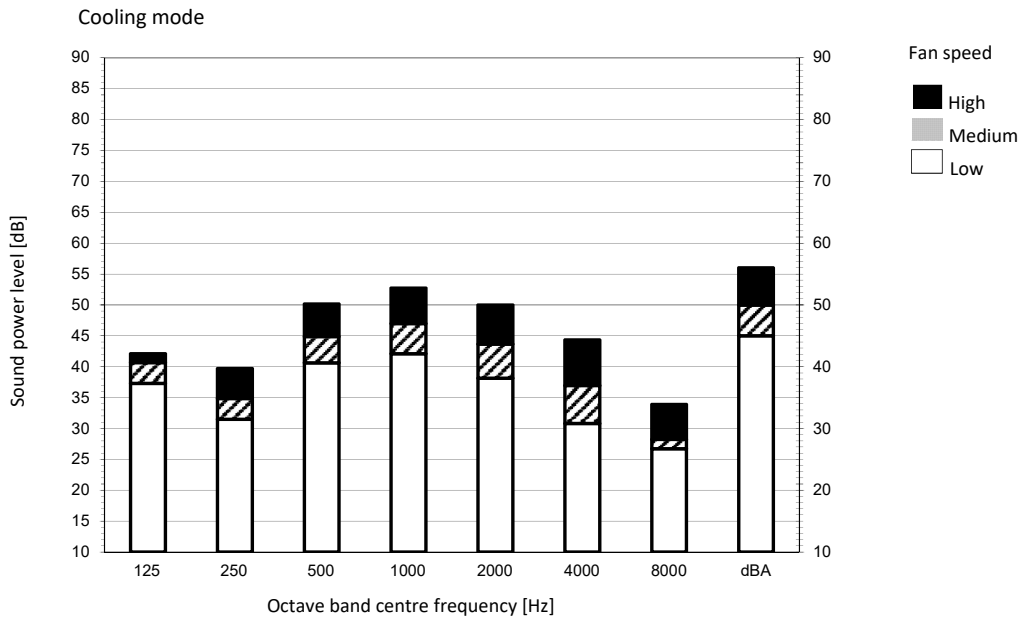
8



# 9 Sound data

## 9 - 1 Sound Power Spectrum

### FBA60-71A9

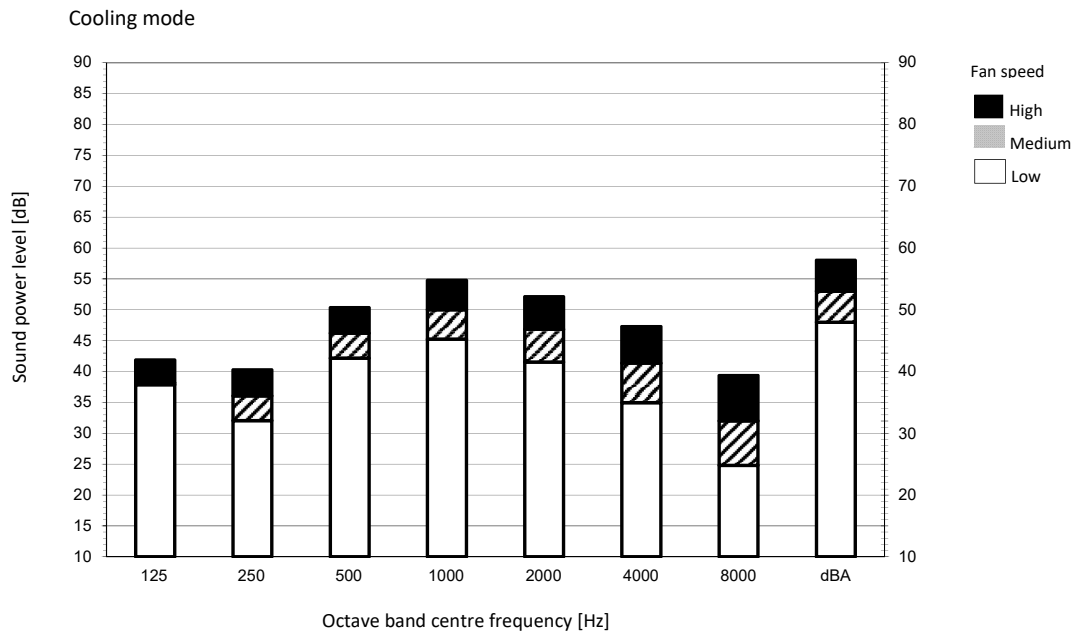


Notes

1. dBA = A-weighted sound power level (A scale according to IEC).
2. Reference acoustic intensity 0dB =  $\cdot 10E-6\mu W/m^2$ .
3. Measured according to ISO 3744

3D095587B

### FBA100A



Notes

1. dBA = A-weighted sound power level (A scale according to IEC).
2. Reference acoustic intensity 0dB =  $\cdot 10E-6\mu W/m^2$ .
3. Measured according to ISO 3744

3D095588B

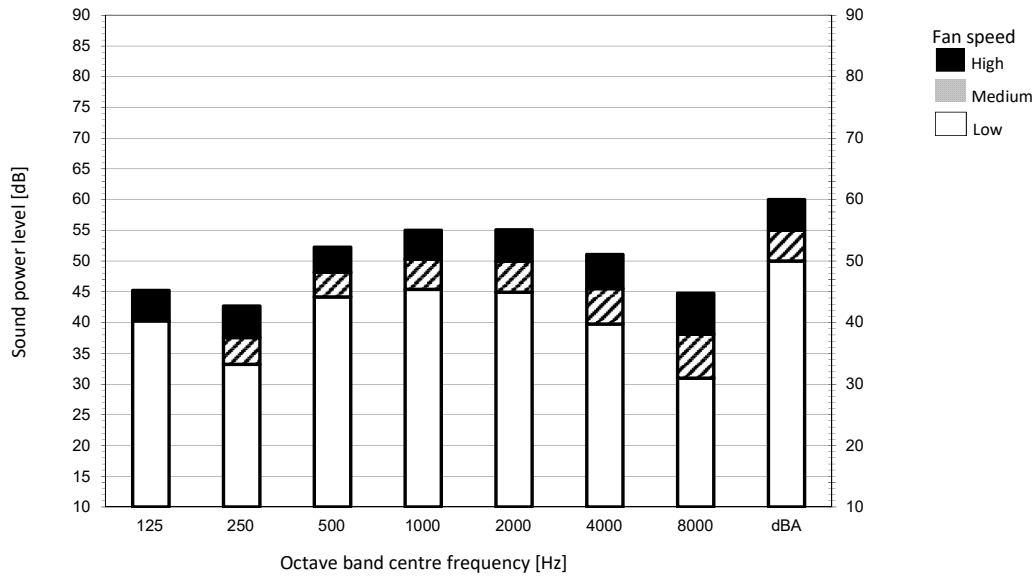
# 9 Sound data

## 9 - 1 Sound Power Spectrum

9

### FBA35-50A9

Cooling mode



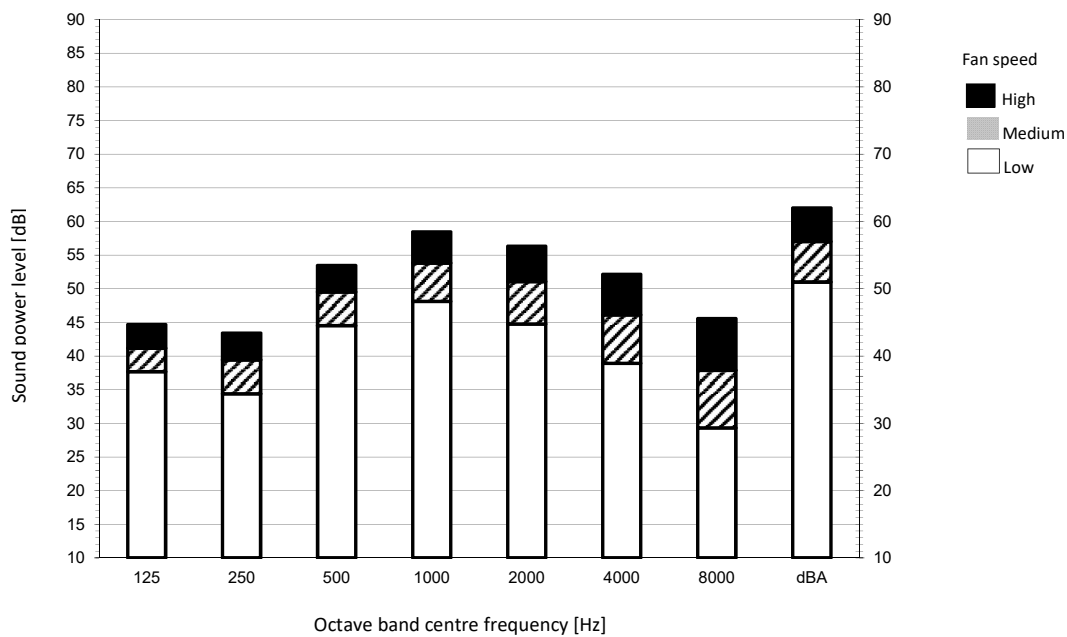
Notes

1. dBA = A-weighted sound power level (A scale according to IEC).
2. Reference acoustic intensity 0dB =  $10^{-6}$  W/m<sup>2</sup>.
3. Measured according to ISO 3744

3D095586B

### FBA125-140A

Cooling mode



Notes

1. dBA = A-weighted sound power level (A scale according to IEC).
2. Reference acoustic intensity 0dB =  $10^{-6}$  W/m<sup>2</sup>.
3. Measured according to ISO 3744

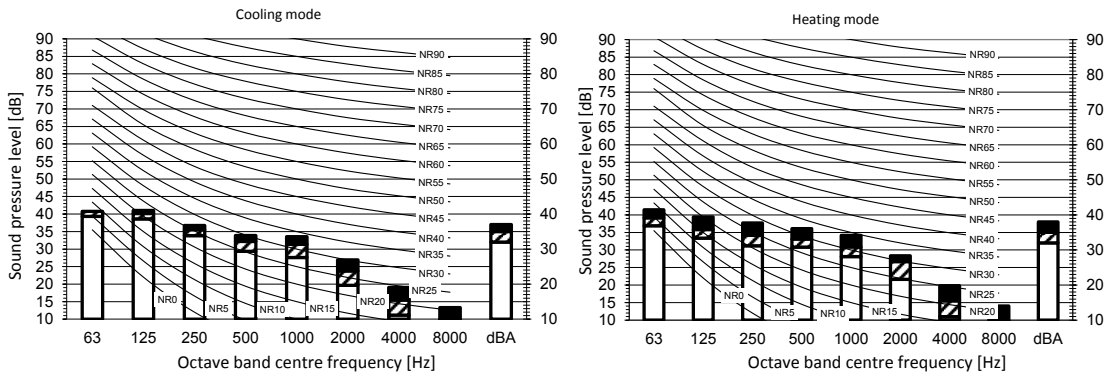
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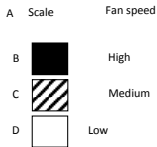
# 9 Sound data

## 9 - 2 Sound Pressure Spectrum

### FBA140A

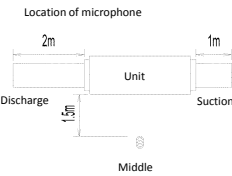


Legend  
dBA = A-weighted sound pressure level (A scale according to IEC).



Cooling		Total dB		
A	B	C	D	
dBA	37	35	32	

Heating		Total dB		
A	B	C	D	
dBA	38	35	32	

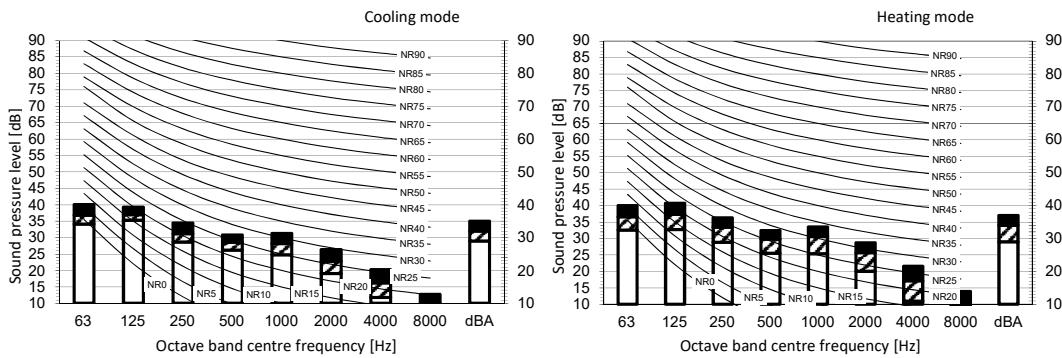


Notes

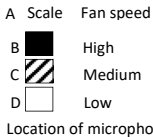
- Operating conditions: power source 220-240 V/220 V 50/60 Hz; JIS standard
- Background noise already taken into account.
- Operating noise varies depending on operation and ambient conditions.
- The operation noise measuring method is in accordance with JISC9612.
- Measuring location: anechoic chamber

3D110172

### FBA35A9

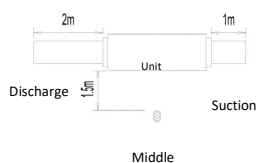


Legend  
dBA = A-weighted sound pressure level (A scale according to IEC).



Cooling		Total dB		
A	B	C	D	
dBA	35,0	32,0	29,0	

Heating		Total dB		
A	B	C	D	
dBA	37,0	34,0	29,0	



Notes

- Operating conditions: power source 220-240 V/220 V 50/60 Hz; JIS standard
- Background noise already taken into account.
- Operating noise varies depending on operation and ambient conditions.
- The operation noise measuring method is in accordance with JISC9612.
- Measuring location: anechoic chamber

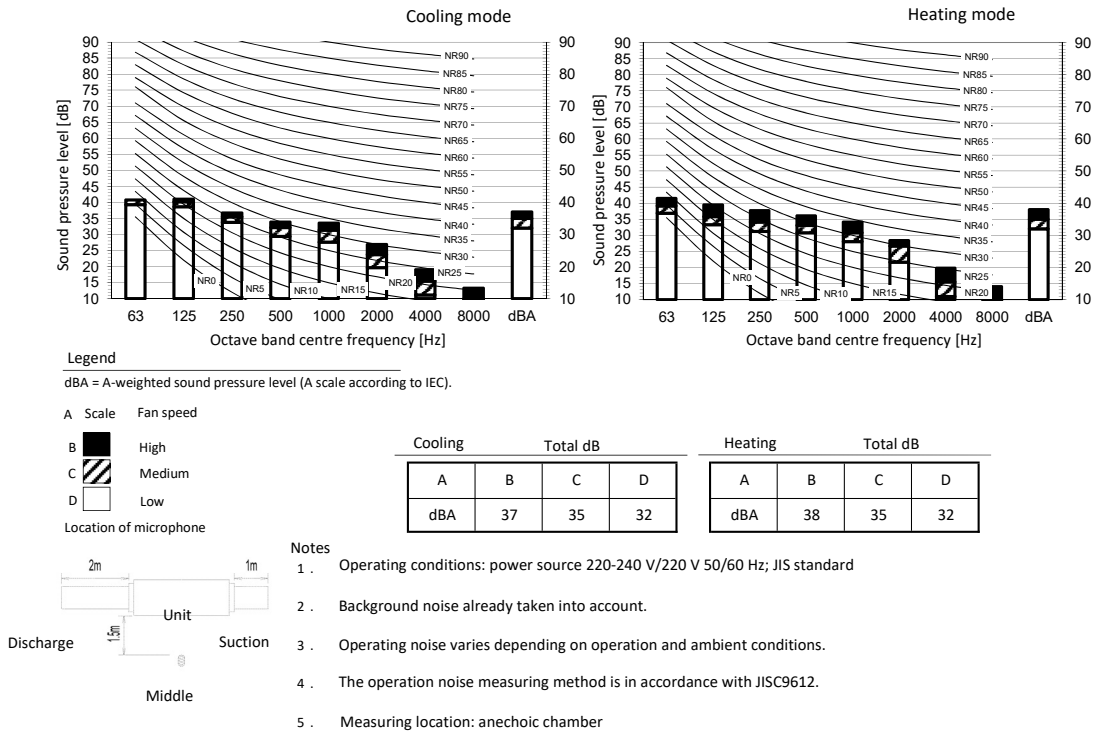
3D110166B

# 9 Sound data

## 9 - 2 Sound Pressure Spectrum

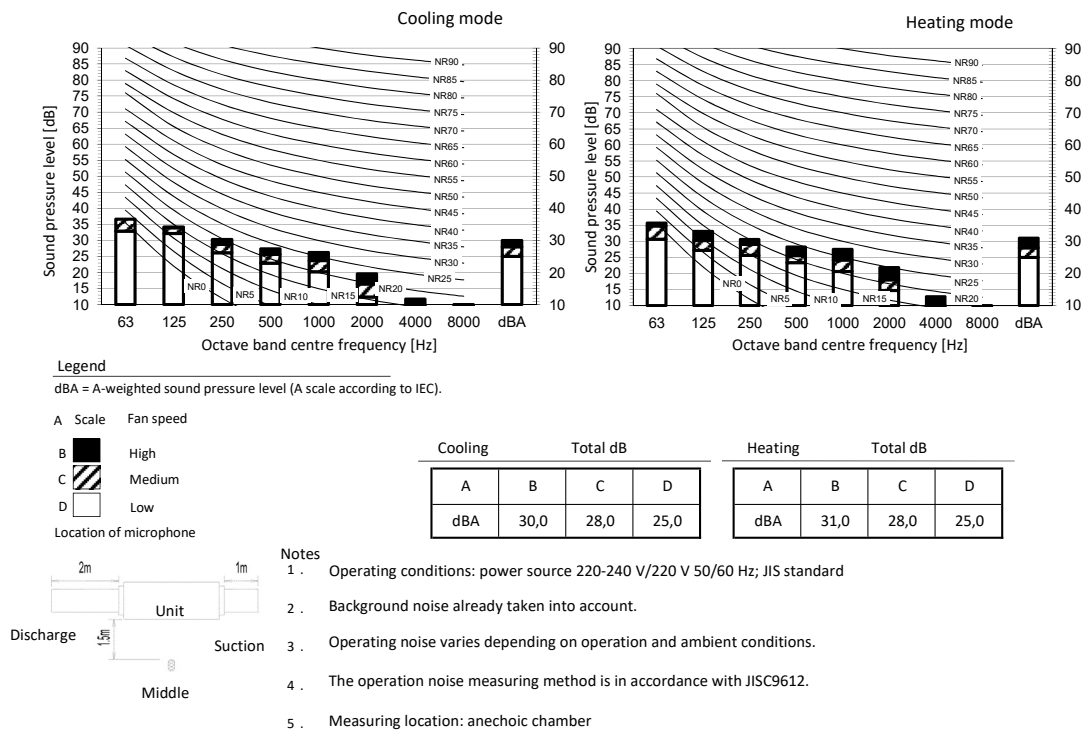
9

### FBA125A



3D110171A

### FBA71A9

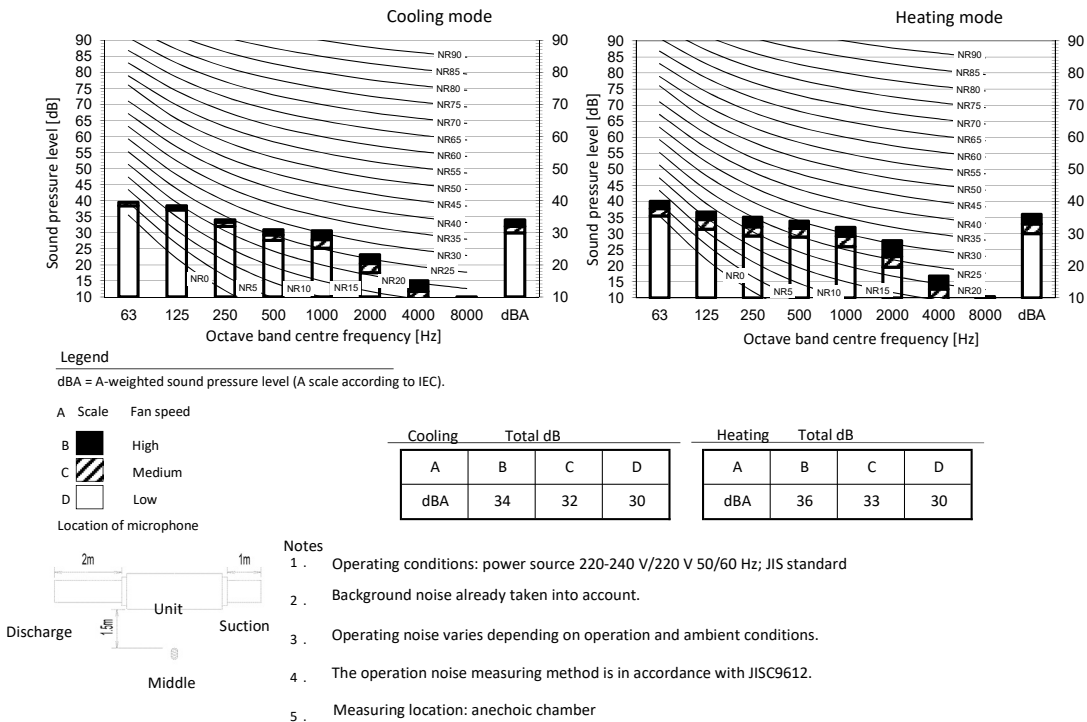


3D110169B

# 9 Sound data

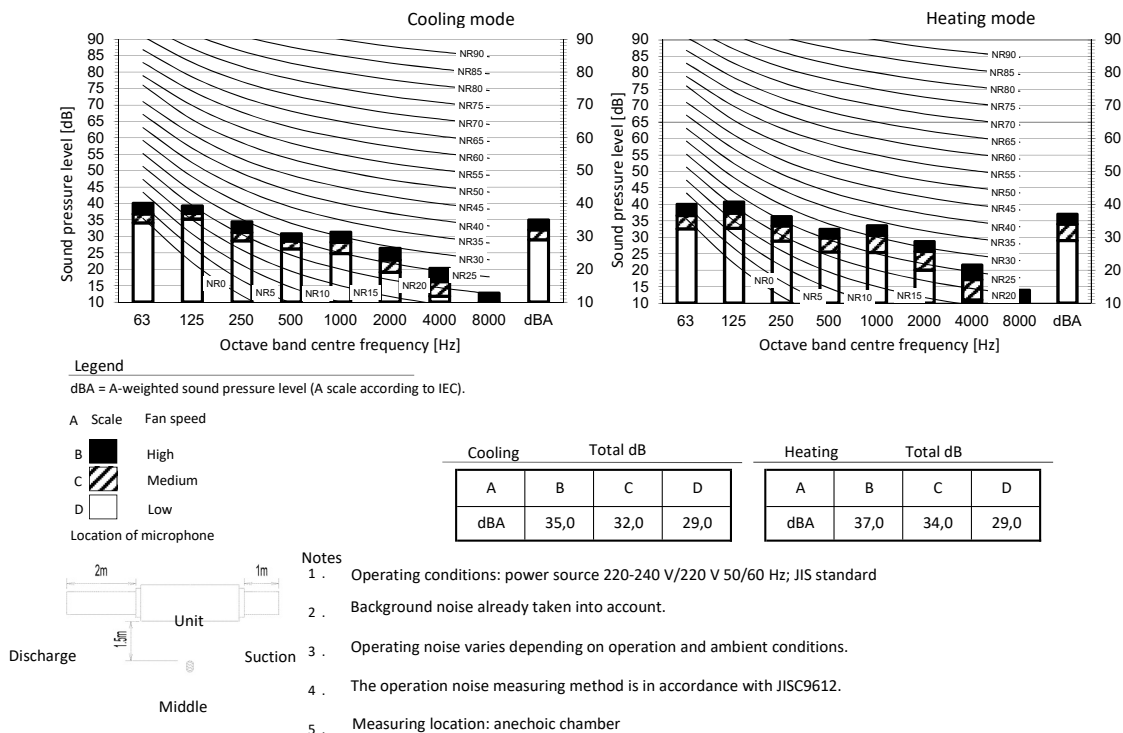
## 9 - 2 Sound Pressure Spectrum

### FBA100A



3D110170A

### FBA50A9



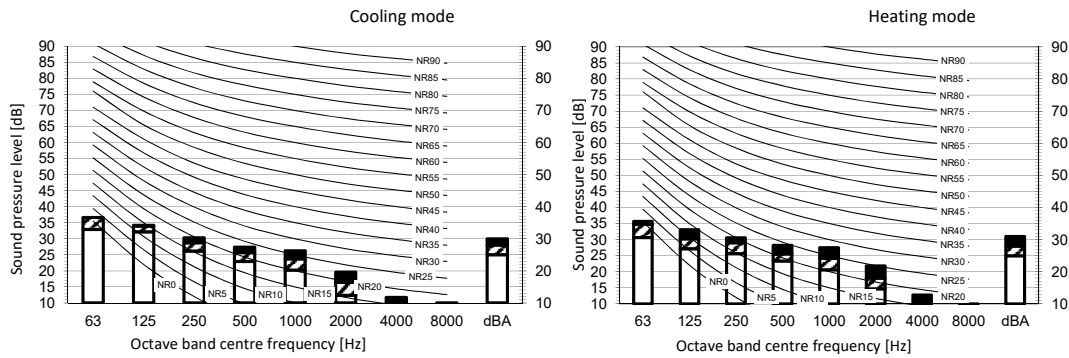
3D110167B

# 9 Sound data

## 9 - 2 Sound Pressure Spectrum

9

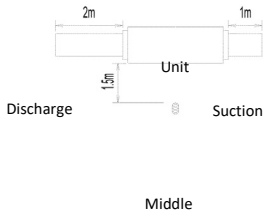
FBA60A9



Legend  
dBA = A-weighted sound pressure level (A scale according to IEC).

A Scale	Fan speed
B	High
C	Medium
D	Low

Location of microphone



Cooling				Heating			
Total dB				Total dB			
A	B	C	D	A	B	C	D
dBA	30,0	28,0	25,0	dBA	31,0	28,0	25,0

Notes

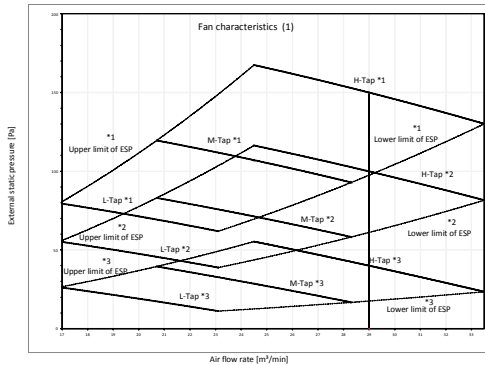
1. Operating conditions: power source 220-240 V/220 V 50/60 Hz; JIS standard
2. Background noise already taken into account.
3. Operating noise varies depending on operation and ambient conditions.
4. The operation noise measuring method is in accordance with JISC9612.
5. Measuring location: anechoic chamber

3D110168B

# 10 Fan characteristics

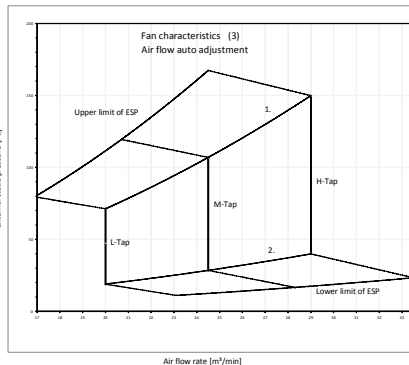
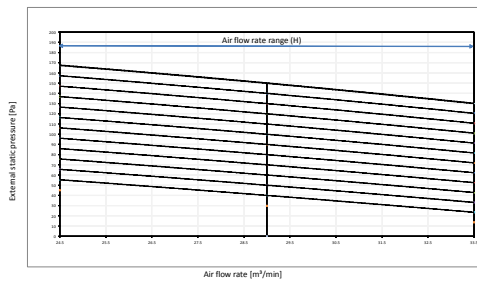
## 10 - 1 Fan Characteristics

### FBA100A



Mark	ESP [Pa]
*1	150
*2	100
*3	40

Fan characteristics (2)  
Field setting with remote control



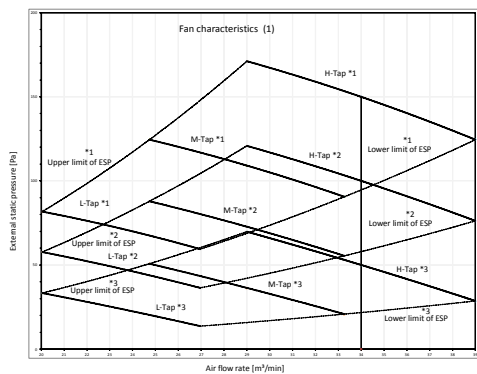
- 1. Upper limit of ESP by air flow auto adjustment
- 2. Lower limit of ESP by air flow auto adjustment

Notes:

- 1. Fan characteristics as shown are in "fan only" mode.
- 2. ESP: External static pressure.

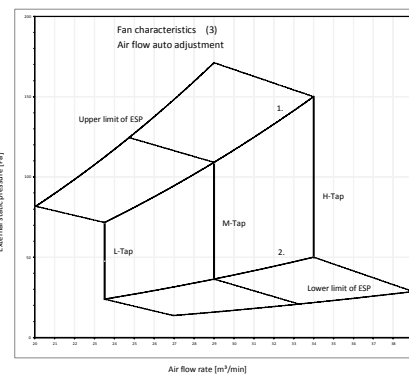
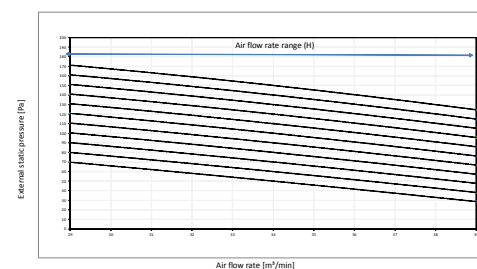
**3D095526B**

### FBA125-140A



Mark	ESP [Pa]
*1	150
*2	100
*3	40

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. Fan characteristics as shown are in "fan only" mode.
- 2. ESP: External static pressure.

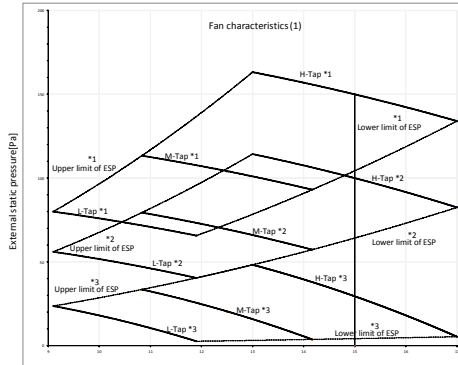
**3D095527B**

# 10 Fan characteristics

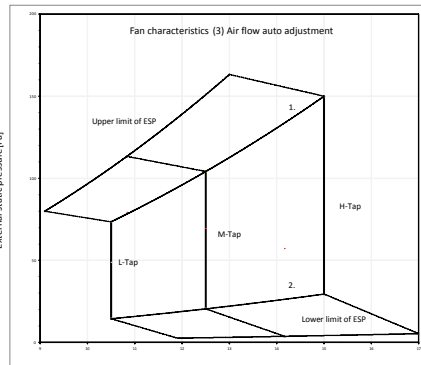
## 10 - 1 Fan Characteristics

10

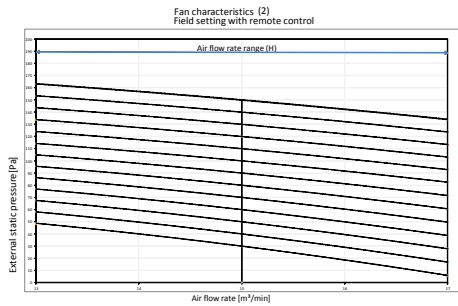
### FBA35-50A9



Mark	ESP (Pa)	Air flow rate (m <sup>3</sup> /min)
*1	MAX	150
*2		100
*3	STD	30



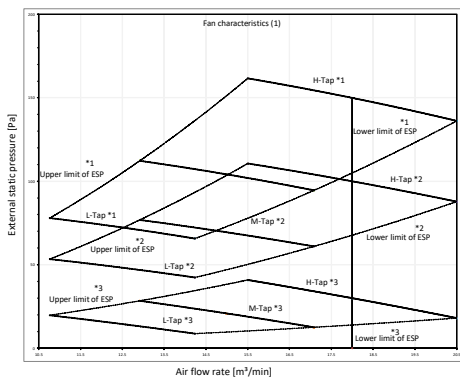
1. Upper limit of ESP by air flow auto adjustment
2. Lower limit of ESP by air flow auto adjustment



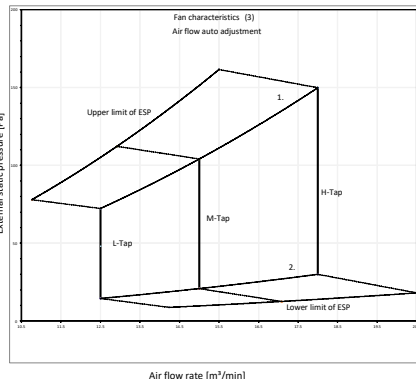
- Notes:
1. The fan characteristics shown are in "fan only" mode.
  2. ESP: External static pressure.

3D095521B

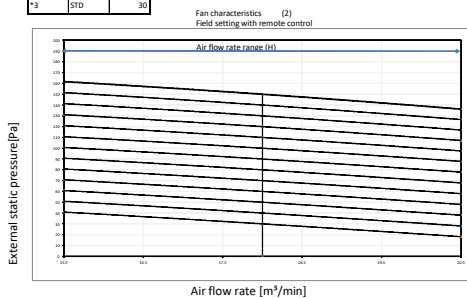
### FBA60-71A9



Mark	ESP (Pa)	Air flow rate (m <sup>3</sup> /min)
*1	MAX	150
*2		100
*3	STD	30



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



- Notes:
1. Fan characteristics as shown are in "fan only" mode.
  2. ESP: External static pressure.

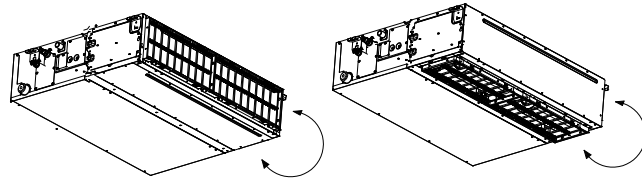
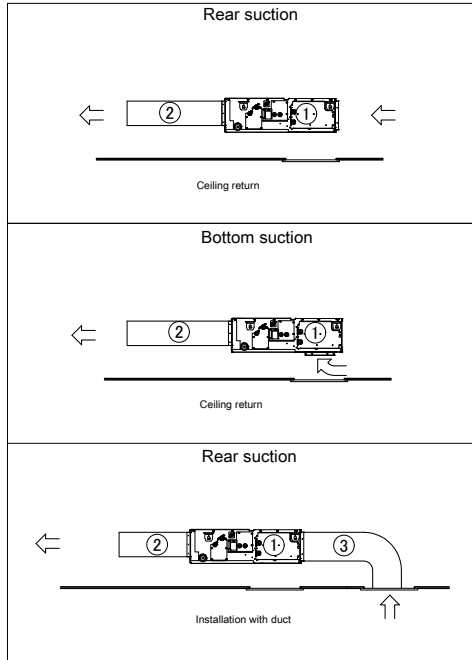
3D095524B

# 11 Installation

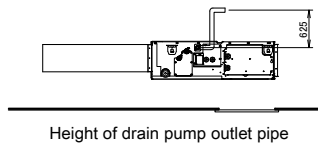
## 11 - 1 Installation Method

### FBA35-71A9 FBA100-140A

Installation methods



Easy modification from rear suction to bottom suction



Number	Description	
①	Indoor unit	
②	Air outlet duct	Field supply
③	Air inlet duct	Field supply

3D094912A



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10/2023



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