

High COP, round flow
cassette
Air Conditioning
Technical Data
FCAHG-H



FCAHG71HVEB
FCAHG100HVEB
FCAHG125HVEB
FCAHG140HVEB

TABLE OF CONTENTS

FCAHG-H

1	Features	4
	FCAHG-H	4
2	Specifications	5
3	Safety device settings	7
4	Options	8
5	Dimensional drawings	9
	Dimensional Drawings with Accessories	9
	Dimensional Drawings with Fresh Air Intake	12
6	Centre of gravity	13
7	Piping diagrams	14
8	Wiring diagrams	15
	Wiring Diagrams - Single Phase	15
9	Sound data	16
	Sound Pressure Spectrum	16
10	Air flow patterns	18
	Air flow pattern - Cooling and Heating	18

1 Features

1 - 1 FCAHG-H

360° air discharge for optimum efficiency and comfort

1

- › High COP cassette ensures top performance and great energy savings
- › Unified indoor unit can be combined with R-32 and R-410A outdoor units, simplifying stock
- › 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
- › Optional automatic filter cleaning panel results in higher efficiency & comfort and lower maintenance costs.
- › Two optional intelligent sensors improve energy efficiency and comfort
- › Individual flap control: flexibility to suit every room layout without changing the location of the unit!
- › 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
- › 5 different fan speeds available for maximum comfort
- › Optional fresh air intake
- › Branch duct discharge allows to optimize air distribution in irregular shaped rooms or to supply air to small adjacent rooms
- › Standard drain pump with 675mm lift increases flexibility and installation speed



Infrastructure cooling



Onecta app (optional)



Presence & floor sensor



Home leave operation



Fan only



Auto-cleaning filter (optional)



Draught prevention



Auto cooling-heating changeover



Whisper quiet



Ceiling soiling prevention



Individual flap control



Vertical auto swing



Fan speed steps (5 steps + auto)



Dry programme



UV Streamer kit (optional)



Air filter



Weekly timer (optional)



Infrared remote control (optional)



Wired remote control (optional)



Centralised control (optional)



Auto-restart



Self diagnosis



Drain pump kit (standard)



Twin/triple/double twin application

2 Specifications

2 - 1 Specifications

Technical specifications					FCAHG71H		FCAHG100H		FCAHG125H		FCAHG140H		
Cooling capacity	Sensible capacity	Nom.	kW		4.40		6.16		7.83		8.68		
	Latent capacity	Nom.	kW		2.40		3.34		4.27		4.72		
	Total capacity	Nom.	kW		6.80		9.50		12.10		13.40		
Heating capacity	Total capacity	Nom.	kW		7.50		10.8		13.5		15.5		
Power input - 50Hz	Cooling	Nom.	kW		0.080		0.170		0.244				
	Heating	Nom.	kW		0.080		0.170		0.244				
Casing	Material				Galvanised steel plate								
Dimensions	Unit	Height	mm		288								
		Width	mm		840								
		Depth	mm		840								
	Packed unit	Height	mm		300								
		Width	mm		882								
		Depth	mm		882								
Weight	Unit	kg		25									
	Packed unit	kg		28									
Heat exchanger	Inside length		mm		2,090								
	Outside length		mm		2,184								
	Rows	Quantity			3								
	Fin pitch		mm		1.2								
	Passes	Quantity			17								
	Face area		m²		0.556								
	Stages	Quantity			18								
	Empty tubeplate hole	Quantity			0								
	Fin	Type			Cross fin coil (Multi slit fins and Ø5HI-XA tubes)								
	Fan	Type				Turbo fan							
Quantity				1									
Air flow rate		Cooling	High	m³/min	23.6	32.2		34.4					
				cfm	833	1,137		1,215					
			Medium	m³/min	18.8	25.7		27.3					
		cfm		664	908		964						
		Low	m³/min	13.7	19.1		21.2						
			cfm	484	675		749						
Heating			High	m³/min	23.6	30.8		32.1					
		cfm		833	1,088		1,134						
	Medium	m³/min	18.8	24.6		25.5							
cfm	664	869		901									
Fan	Air flow rate	Heating	Low	m³/min	13.7	18.3		19.7					
				cfm	484	646		696					
Fan motor	Model				DFB11A2VB								
	Speed	Steps			5								
Sound power level	Cooling		dBA		53		61						
	Heating		dBA		53		61						
Sound pressure level	Cooling	High	dBA		36		44		45				
		Medium	dBA		33		39		40		41		
		Low	dBA		29		33		35		37		
	Heating	High	dBA		36		44		45				
		Medium	dBA		33		39		40		41		
		Low	dBA		29		33		35		37		
Refrigerant	Type				R-32 / R-410A								
Piping connections	Sound absorbing insulation				Foamed polyurethane								
	Liquid	Type				Flare connection							
		OD		mm		9.52							
	Gas	Type				Flare connection							
		OD		mm		15.9							
	Drain				VP25 (I.D. 25/O.D. 32)								
Decoration panel	Heat insulation				Foamed polystyrene / Foamed polyethylene								
	Model				BYCQ140E2W1 / BYCQ140E2W1W / BYCQ140E2W1B								
	Dimensions	Height	mm		65								
			Width		950								
			Depth		950								
	Weight		kg		5.5								
Decoration panel 2	Model				BYCQ140E2GFW1 / BYCQ140E2GFW1B								
	Dimensions	Height	mm		148								
			Width		950								
			Depth		950								
	Weight		kg		10.3								

2 Specifications

2 - 1 Specifications

2

Technical specifications				FCAHG71H	FCAHG100H	FCAHG125H	FCAHG140H	
Decoration panel 3	Model			BYCQ140E2P / BYCQ140E2PB				
	Dimensions	Height	mm	106				
		Width	mm	950				
		Depth	mm	950				
	Weight	kg			6.5			
Air filter	Type			Resin net				
Safety devices	Item	01			Fan motor overcurrent protector			
Control systems	Infrared remote control			BRC7FA532F / BRC7FB532F / BRC7FA532FB / BRC7FB532FB				
	Wired remote control			BRC1H52W/S/K / BRC1E53A / BRC1E53B / BRC1E53C / BRC1D52				

Standard accessories: Installation manual;Quantity: 1;

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

Standard accessories: Operation manual;Quantity: 1;

Standard accessories: Wire clamp material;Quantity: 7;

Standard accessories: Clamp for drain hose;Quantity: 1;

Standard accessories: Clamps;Quantity: 1;

Standard accessories: Drain hose;Quantity: 1;

Standard accessories: Installation guide;Quantity: 1;

Standard accessories: Insulation for fitting;Quantity: 2;

Standard accessories: Screws;Quantity: 4;

Standard accessories: Sealing pads;Quantity: 1;

Electrical specifications			FCAHG71H	FCAHG100H	FCAHG125H	FCAHG140H
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. |

The BYCQ140E2WIW has white insulations. Be informed that formation of dirt on white insulation is visibly stronger and that it is consequently not advised to install the BYCQ140E2WIW decoration panel in environments exposed to concentrations of dirt. |

BYCQ140E2WI: pure white standard panel with grey louvers; BYCQ140E2WIW: pure white standard panel with white louvers; BYCQ140E2WIB: black standard panel with black louvers.

3 Safety device settings

3 - 1 Safety Device Settings

FCAHG-H

Safety devices		FCAG35-71BVEB	FCAG100-140BVEB
PCB fuse		250V, 3.15A	---
Fan motor overcurrent protection	Nominal	0,92A	1,49A
Fan motor thermal protector	Maximum	---	---
Drain pump fuse		---	---

Safety devices		FCAHG71-140HVEB
PCB fuse		---
Fan motor overcurrent protection	Nominal	1,49A
Fan motor thermal protector	Maximum	---
Drain pump fuse		---

4D121690

Options

Options

FCAG-B FCAHG-H

Option kit		Product name	Availability	
			FCAHG35-140RVEB FCAHG71-140RVEB	FKQD20125RVEB
Decoration panel	Standard	BYCQ140E2W1	✓	✓
	White	BYCQ140E2W1W ②	✓	✓
	Black	BYCQ140E2W1B ③	✓	✓
UV streamer kit	UV streamer kit	BAEF125AWB ⑧ ⑩	✓	✓
	Replacement air filter (part of UV streamer kit)	BAF55A125 ⑧ ⑩	✓	✓
High-efficiency filter	1- filter(s) in the box	BAF552AA160 ⑨ ⑩	✓	✓
	5- filter(s) in the box	BAF552AA160-5 ⑨ ⑩	✓	✓
	10- filter(s) in the box	BAF552AA160-10 ⑨ ⑩	✓	✓
Designer decoration panel		BYCQ140E2P ⑩	✓	✓
	Black	BYCQ140E2PB ⑩	✓	✓
Self-cleaning decoration panel (with fine filter)		BYCQ140E2GFW1 ③ ④ ⑤ ⑩	✓	✓
	Black	BYCQ140E2GFW1B ③ ④ ⑤ ⑩	✓	✓
Long-life replacement filter		BAF55110160 ⑩	✓	✓
	Chamber (part of fresh air intake kit (20% fresh air))	KDDP55C160-1 ⑥ ⑦ ⑩	✓	✓
Diffuser from chamber to duct (part of fresh air intake kit (20% fresh air))		KDDP55D160-2 ⑥ ⑦ ⑩	✓	✓
	Air discharge outlet sealing member	KDBHQ56B140 ⑥ ⑩	✓	✓
Sensor kit		BRVQ140B8 ⑧	✓	✓
	Black	BRVQ140B8B ⑧	✓	✓
Sensor kit (for designer decoration panel)		BRVQ140C8 ④	✓	✓
	Black	BRVQ140C8B ④	✓	✓
Extension wire harness		EWHR1 ⑩	✓	✓
	Black	EWHR1 ⑩	✓	✓
Wireless remote control		BRC7FA532F ⑥ ⑩ ⑩	✓	✓
	Black	BRC7FA532FB ⑥ ⑩ ⑩	✓	✓
Wireless remote control (for designer decoration panel)		BRC7FB532F ⑥ ⑩ ⑩	✓	✓
	Black	BRC7FB532FB ⑥ ⑩ ⑩	✓	✓
Wired remote control		BRC1D528 ⑩ ⑩	✓	✓
	Black	BRC1D528 ⑩ ⑩	✓	✓
Wired remote control		BRC1H82W/S	✓	✓
	Black	BRC1ES3A7 ⑩, BRC1ES3B7 ⑩, BRC1ES3C7 ⑩ ⑩, BRC1H52W/K/S	✓	✓
Simplified remote control (with operation mode selector button)		BRC2E52C7 ⑩ ⑩ ⑩	✓	✓
	Black	BRC2E52C7 ⑩ ⑩ ⑩	✓	✓
Simplified remote control (without operation mode selector button)		BRC3E52C7 ⑩ ⑩ ⑩	✓	✓
	Black	BRC3E52C7 ⑩ ⑩ ⑩	✓	✓
Wiring adaptor for electrical appendices 1-		KRP1BA58 ⑥ ⑩	✓	✓
	Black	KRP1BA58 ⑥ ⑩	✓	✓
Wiring adaptor for electrical appendices 2-		KRP4A53 ⑥ ⑩ ⑩	✓	✓
	Black	KRP4A53 ⑥ ⑩ ⑩	✓	✓
Wiring adaptor (hour meter)		EKRP1C12 ⑥ ⑩	✓	✓
	Black	EKRP1C12 ⑥ ⑩	✓	✓
Remote sensor		KRP501-5B	✓	✓
	Black	KRP1H98A ⑥	✓	✓
Central remote control		DCS302C51	✓	✓
	Black	DCS302C51	✓	✓
Unified ON/OFF controller		DCS301B51	✓	✓
	Black	DCS301B51	✓	✓
Electrical box with earth terminal (2- blocks)		KIB212AA	✓	✓
	Black	KIB212AA	✓	✓
Electrical box with earth terminal (3- blocks)		KIB311AA	✓	✓
	Black	KIB311AA	✓	✓
PCB for multi-tenant indoor units		DTA114A61 ⑩	✓	✓
	Black	DTA114A61 ⑩	✓	✓
Touch Controller		DCS601C51	✓	✓
	Black	DCS601C51	✓	✓
Digital input adaptor		BRP7A53 ⑩ ⑩	✓	✓
	Black	BRP7A53 ⑩ ⑩	✓	✓
WLAN adaptor for smartphones		BRP069C82 ② ⑩ ⑩	✓	✓
	Black	BRP069C82 ② ⑩ ⑩	✓	✓
Intelligent Touch Manager		DCM601A51	✓	✓
	Black	DCM601A51	✓	✓
Intelligent Tablet Controller		DCG601A51	✓	✓
	Black	DCG601A51	✓	✓
Wire harness for external wireless temperature sensor		EKEWTSC-2 ⑦	✓	✓
	Black	EKEWTSC-2 ⑦	✓	✓

3D121704H

FCAG-B FCAHG-H

Notes

- All options are kits
- This option has white insulation.
Be aware that dirt formation is more easily visible on white insulation.
It is recommended not to install this option in environments with a high concentration of dirt.
- To be able to control option -BYCQ140E2GFW1 / BYCQ140E2GFW1B-, controller -BRC1E / BRC1H- is required.
- This option cannot be used with multi, and non-inverter split outdoor units.
- This option is suitable for all applications, except for use in environments that are greasy, or have high humidity.
- Option cannot be combined with -BYCQ140E2GFW1 / BYCQ140E2GFW1B-.
- Both parts of the fresh air intake kit are required for each unit.
- Only possible in combination with -BYCQ140E2W1 / BYCQ140E2W1W / BYCQ140E2GFW1-
- Only possible in combination with -BYCQ140E2W1B / BYCQ140E2GFW1B-
- Only possible in combination with -BYCQ140E2W1 / BYCQ140E2W1W-
- Only possible in combination with -BYCQ140E2W1B-
- Not recommended because of its limited functionality.
- Included languages are: English, German, French, Italian, Spanish, Portuguese, and Dutch.
- Included languages are: English, Czech, Croatian, Hungarian, Slovenian, Romanian, and Bulgarian.
- Included languages are: English, Russian, Greek, Turkish, Polish, Albanian, and Slovak.
- Language pack -3- of controller -BRC1E53C7- is different from that of controller -BRC2/3E52C7-.
- 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.
- Requires installation box for adaptor PCB -KRP1H98A-.
- Option cannot be combined with -BRP069B82, BRP069C82-.
- Only possible in combination with remote control -BRC2/3E52C7, BRC1E53A/B/C7, BRC1H52W/K/S, BRC1H82W/S-.
- Only possible in combination with wired or wireless remote control (e.g. -BRC1E, BRC1H, BRC7F-)
- When combining the WLAN adapter (-BRP069C82 / BRP069B82-) with a self-cleaning decoration panel (-BYCQ140E2GFW1 / BYCQ140E2GFW1B-), option -EWHR1- is required.
- Option cannot be combined with -KRP4A53-.
- Only possible in combination with -BYCQ140E2P-
- Only possible in combination with -BYCQ140E2PB-
- The active airflow circulation function is not available for this controller.
- EKEWTSC-2- is a wire harness for the connection of option -K.RSS-.
- K.RSS- is not an official option. Sales for this option are an SBU responsibility.
- Option cannot be combined with -BYCQ140E2W1B, BYCQ140E2P, BYCQ140E2PB, BYCQ140E2GFW1, BYCQ140E2GFW1B, KAF5511D160, KDDP55C160-1, KDDP55D160-2, KDBHQ56B140, BAF552AA160, BAF552AA160-5, BAF552AA160-10-.
- Option cannot be combined with -BYCQ140E2P, BYCQ140E2PB, BYCQ140E2GFW1, BYCQ140E2GFW1B, KAF5511D160, KDDP55C160-1, KDDP55D160-2, KDBHQ56B140, BAEF125AWB, BAF55A125-.
- Option cannot be combined with -BAEF125AWB, BAF55A125, BAF552AA160, BAF552AA160-5, BAF552AA160-10-.
- Option cannot be combined with -BAEF125AWB, BAF55A125-.
- Do NOT install in places that require a high ceiling mode setting and 2/3 way blow mode setting of the indoor unit.

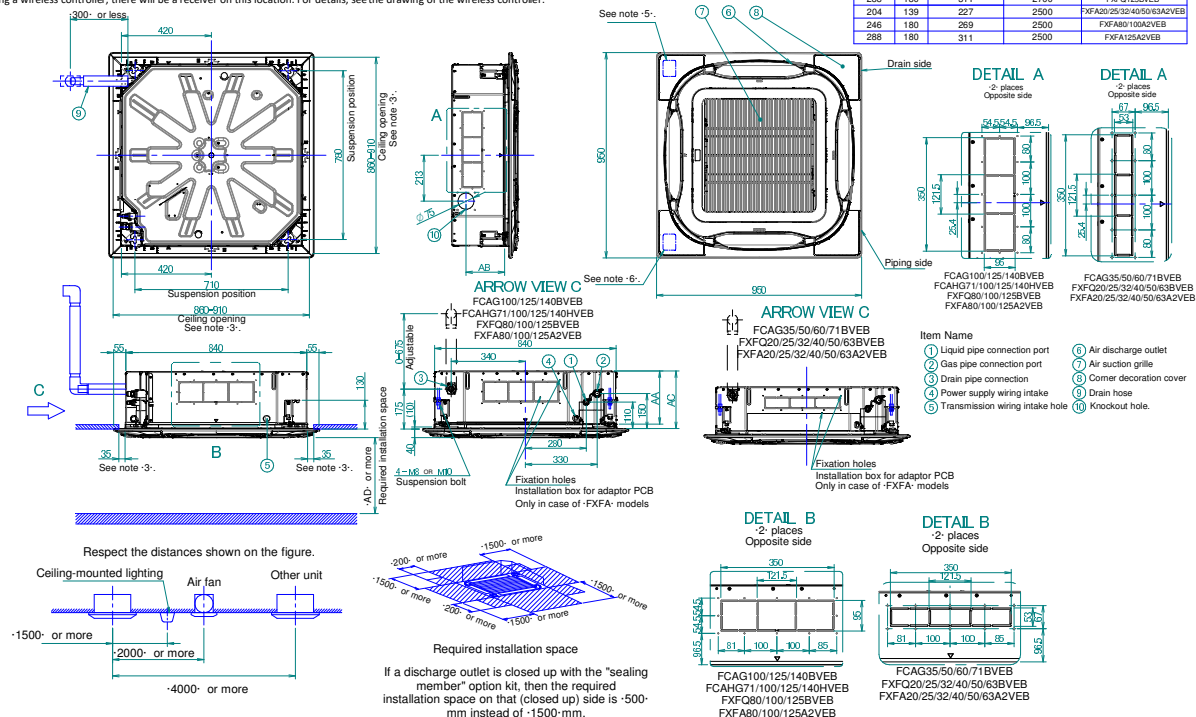
3D121704H

5 Dimensional drawings

5 - 1 Dimensional Drawings with Accessories

FCAHG-B FCAHG-H Standard panel

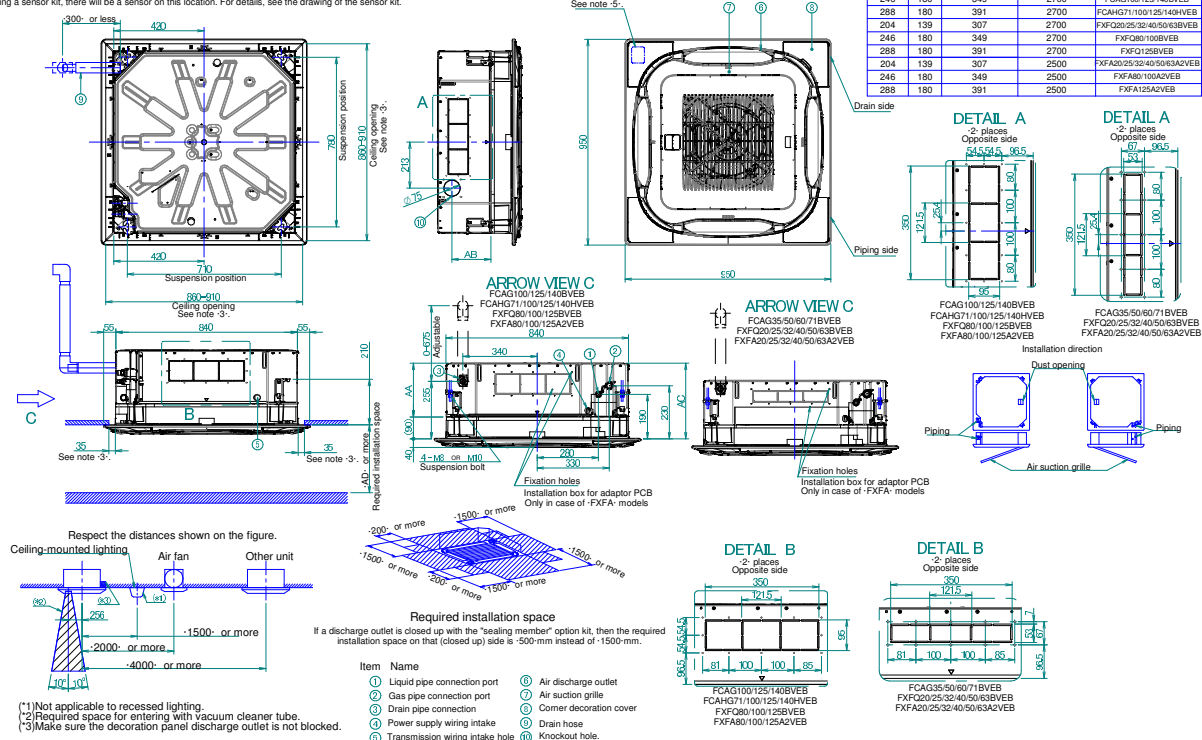
- Notes
- Location of nameplate
The unit nameplate is located on the control box cover.
The decoration panel nameplate is located on the piping-side panel frame, under the corner cover.
 - When installing optional accessories, refer to their respective documentation.
 - Make sure the distance between the ceiling and the cassette does not exceed 35 mm.
The maximum ceiling opening is 910 mm.
 - 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.



2D121655D

FCAHG-B FCAHG-H 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 910 mm.
 - 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.



2D121658D

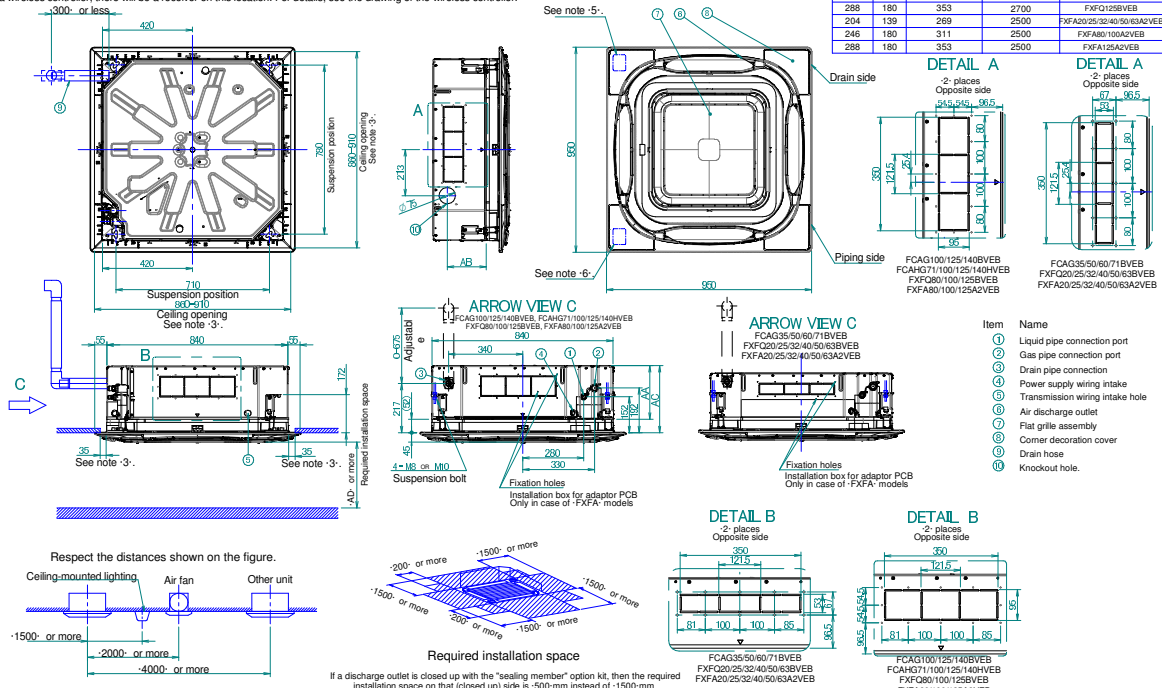
5 Dimensional drawings

5 - 1 Dimensional Drawings with Accessories

FCAHG-B FCAHG-H Designer panel

Notes

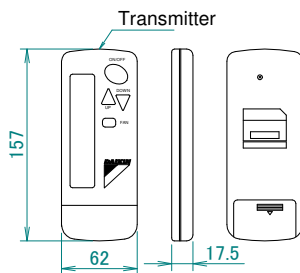
- Location of nameplate
The unit nameplate is located on the control box cover.
The decoration panel nameplate is located on the piping-side panel frame, under the corner cover.
- When installing optional accessories, refer to their respective documentation.
- Make sure the distance between the ceiling and the cassette does not exceed 35 mm.
The maximum ceiling opening is 910 mm.
- 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.



2D121703D

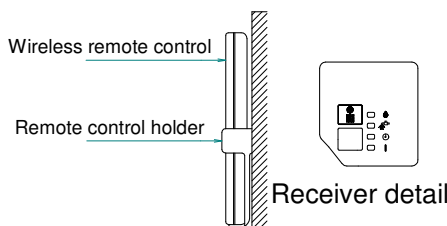
FCAHG-H

Remote control dimensions

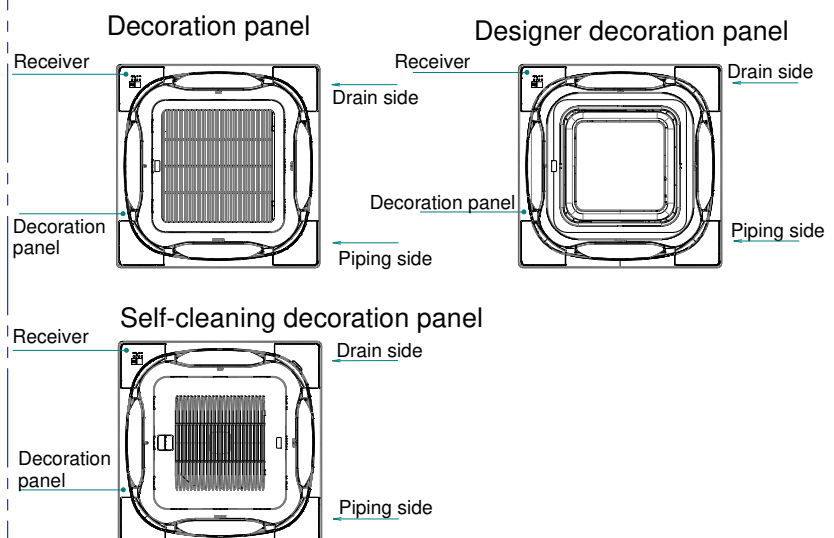


Remote control holder

Installation methods
Installation to wall surface



Installation methods



Front panel	Model name	Option
Decoration panel	BYCQ140E2W1(W)	BRC7FA532F
	BYCQ140E2W1B	BRC7FA532FB
Self-cleaning decoration panel	BYCQ140E2GFW1	BRC7FA532F
	BYCQ140E2GFW1B	BRC7FA532FB
Designer decoration panel	BYCQ140E2P	BRC7FB532F
	BYCQ140E2PB	BRC7FB532FB

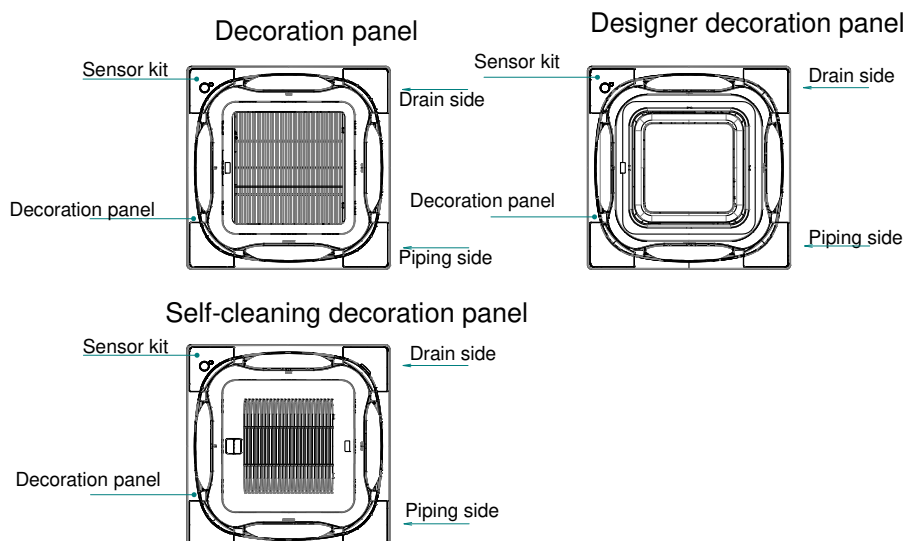
3D121750

5 Dimensional drawings

5 - 1 Dimensional Drawings with Accessories

FCAHG-H

Installation methods

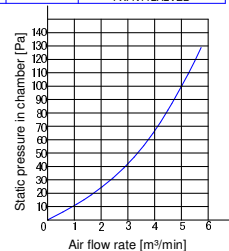


Front panel	Model name	Option
Decoration panel	BYCQ140E2W1(W)	BRYQ140B8
	BYCQ140E2W1B	BRYQ140B8B
Self-cleaning decoration panel	BYCQ140E2GFW1	BRYQ140B8
	BYCQ140E2GFW1B	BRYQ140B8B
Designer decoration panel	BYCQ140E2P	BRYQ140C8
	BYCQ140E2PB	BRYQ140C8B

3D121755

5 - 2 Dimensional Drawings with Fresh Air Intake

5



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

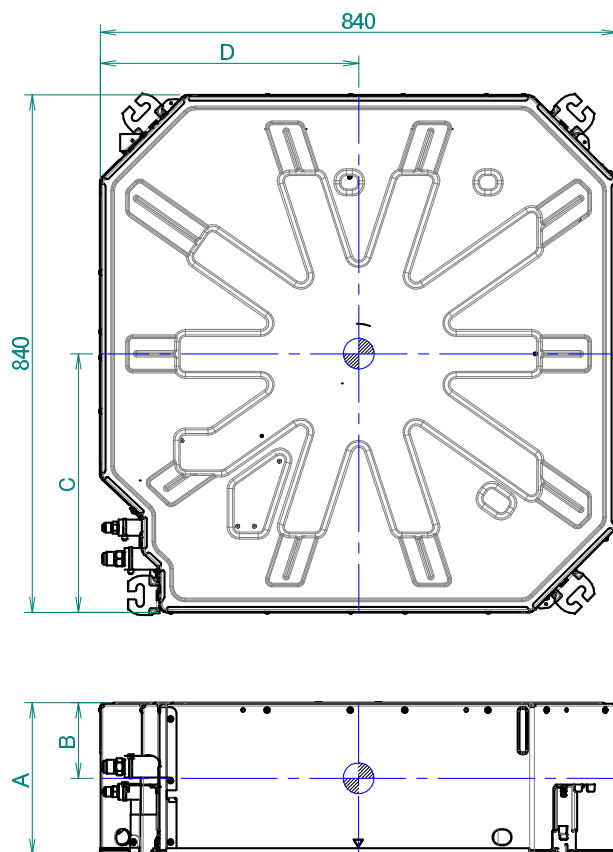
3D121741C

6 Centre of gravity

6 - 1 Centre of Gravity

FCAG-B FCAHG-H

6



Model	A	B	C	D
FCAG35~71BVEB	204	70	400	405
FCAG100~140BVEB	246	100	400	405
FCAHG71~140HVEB	288	135	400	405
FXFQ20~63BVEB, FXFA20~63A2VEB	204	70	395	400
FXFQ80~100BVEB, FXFA80~100A2VEB	246	100	395	400
FXFQ125BVEB, FXFA125A2VEB	288	135	395	400
FXFN50~71A2VEB	246	113	408	412
FXFN112A2VEB	288	120	403	415

4D121659B

7 Piping diagrams

7 - 1 Piping Diagrams

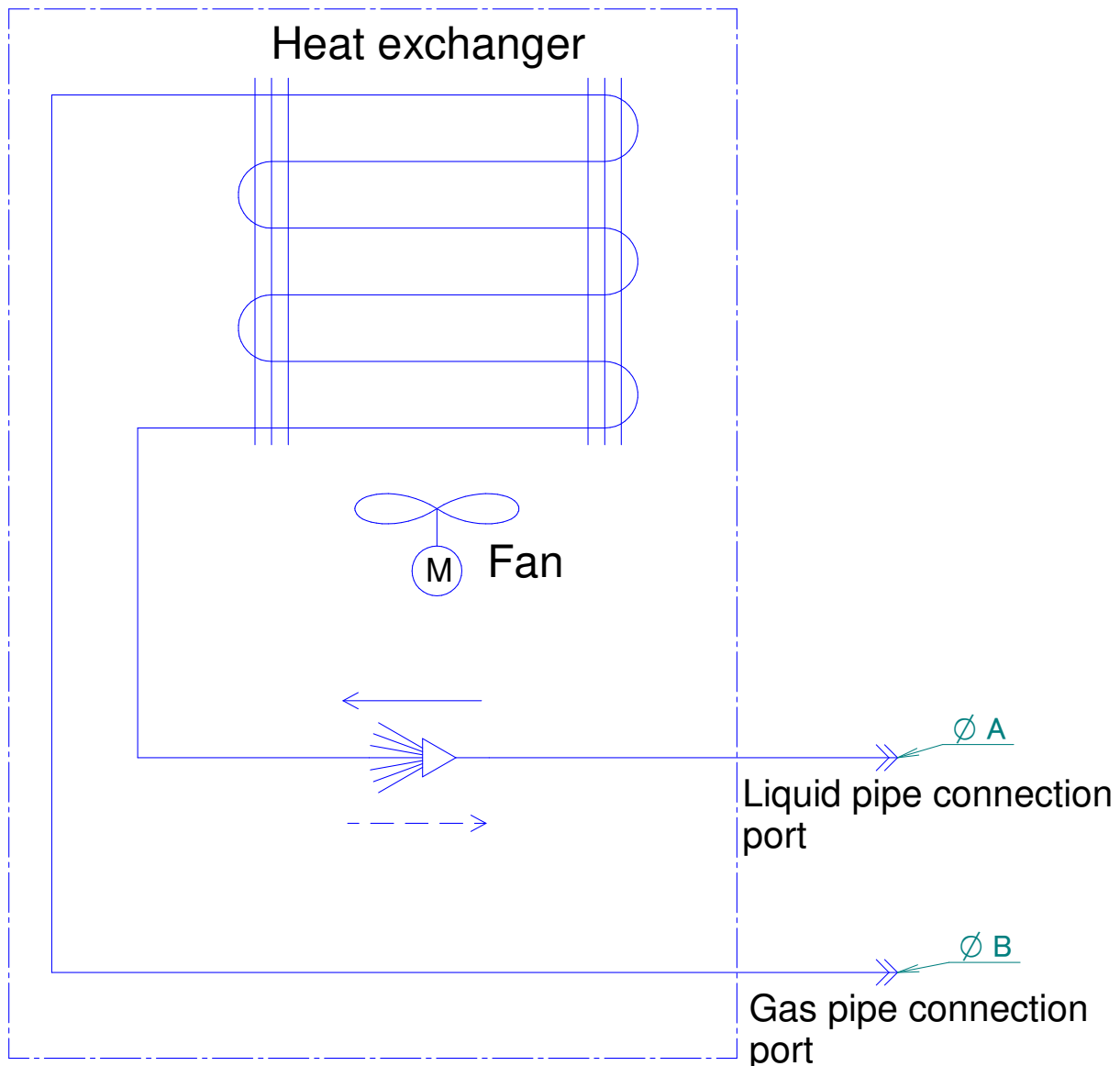
7

FCAHG-H

Model	A	B
FCAG35BVEB	6.35	9.52
FCAG50BVEB		12.7
FCAG60BVEB		
FCAG71BVEB	9.52	15.9
FCAG100BVEB		
FCAG125BVEB		
FCAG140BVEB		
FCAHG71BVEB		
FCAHG100BVEB		
FCAHG125BVEB		
FCAHG140BVEB		

Refrigerant flow

Cooling —————>
Heating - - - - ->

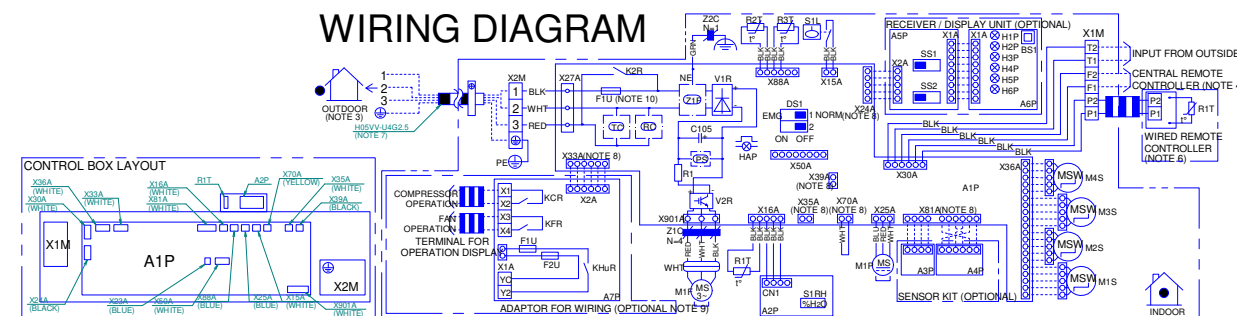


4D121433

8 Wiring diagrams

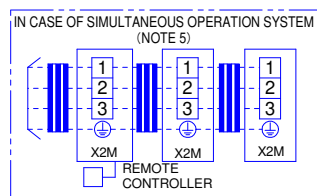
8 - 1 Wiring Diagrams - Single Phase

FCAHG-H



NOTES:

- NOTES:
1. : TERMINAL BLOCK, : CONNECTOR, : FIELD WIRING
 2. IN CASE OF SIMULTANEOUS OPERATION INDOOR UNIT SYSTEM, SEE THE INDOOR UNIT WIRING ONLY.
 3. FOR DETAILS, SEE WIRING DIAGRAM ATTACHED TO THE OUTDOOR UNIT.
 4. IN CASE OF USING CENTRAL REMOTE CONTROLLER, CONNECT IT TO THE UNIT IN ACCORDANCE WITH THE ATTACHED INSTALLATION MANUAL.
 5. IN CASE OF SIMULTANEOUS OPERATION SYSTEM, CONNECTED QUANTITY OF THE INDOOR UNITS VARIES ACCORDING TO THE CONNECTED OUTDOOR UNIT.
 6. IN CASE OF MAIN/SUB CHANGEOVER, SEE INSTALLATION MANUAL ATTACHED TO THE REMOTE CONTROLLER.
 7. SHOWN ONLY IN CASE OF PROTECTION PIPING, USE H07RN-F IN CASE OF NO PROTECTION.
 8. X24A, X33A, X35A, X39A, X70A, X81A ARE CONNECTED WHEN OPTIONAL ACCESSORIES ARE BEING USED. SEE WIRING DIAGRAM OF THIS ACCESSORY.
 9. CONNECT POWER OF ADAPTER FOR WIRING TO TERMINAL BLOCK (X2M) OF INDOOR UNIT DIRECTLY.
 10. FUSE FIU ON MAIN PCB (A1P) IS PRESENT ONLY IN FOLLOWING UNITS: FCA35 35, 50, 60, 71.



WIRE COLORS

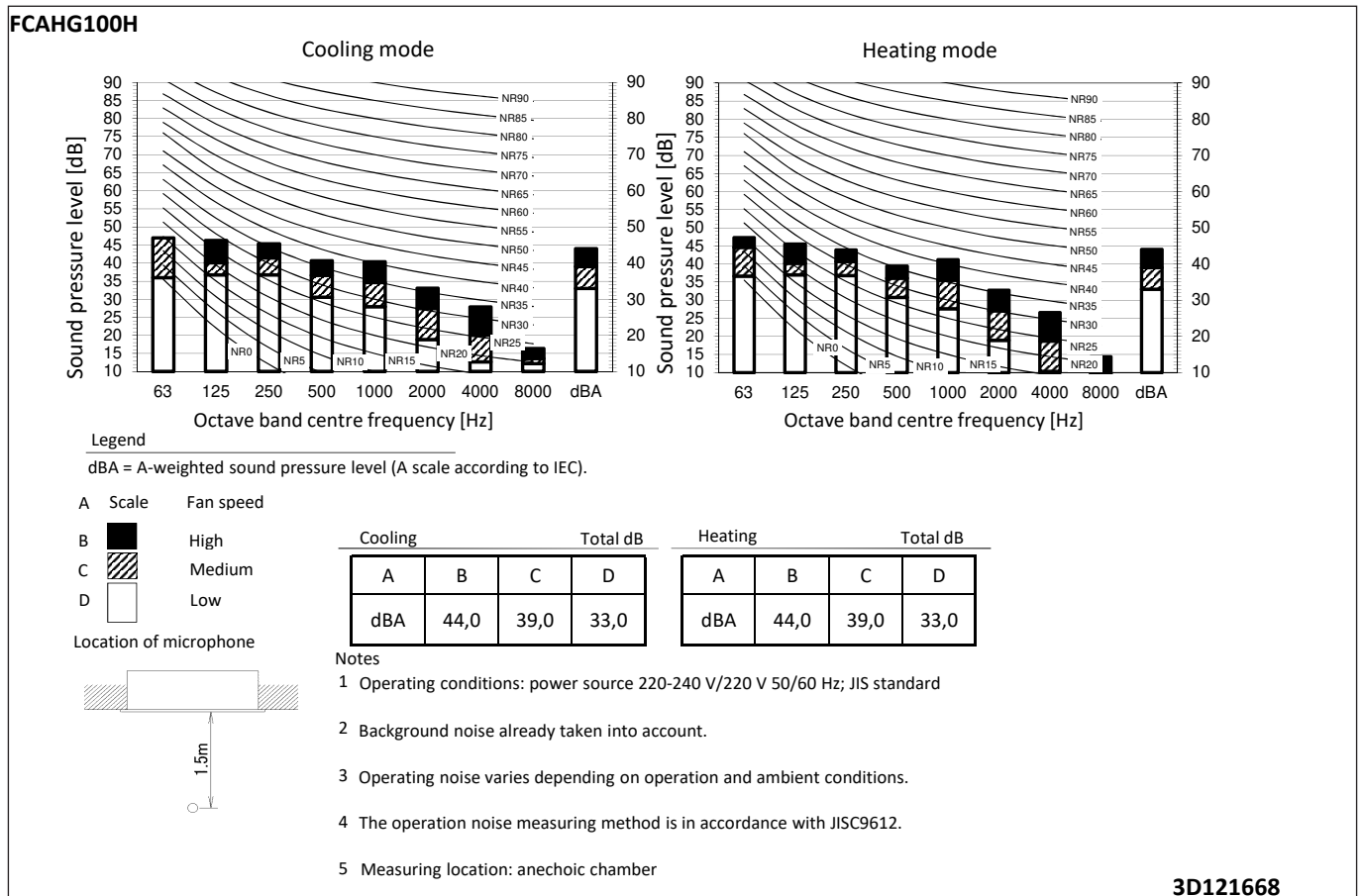
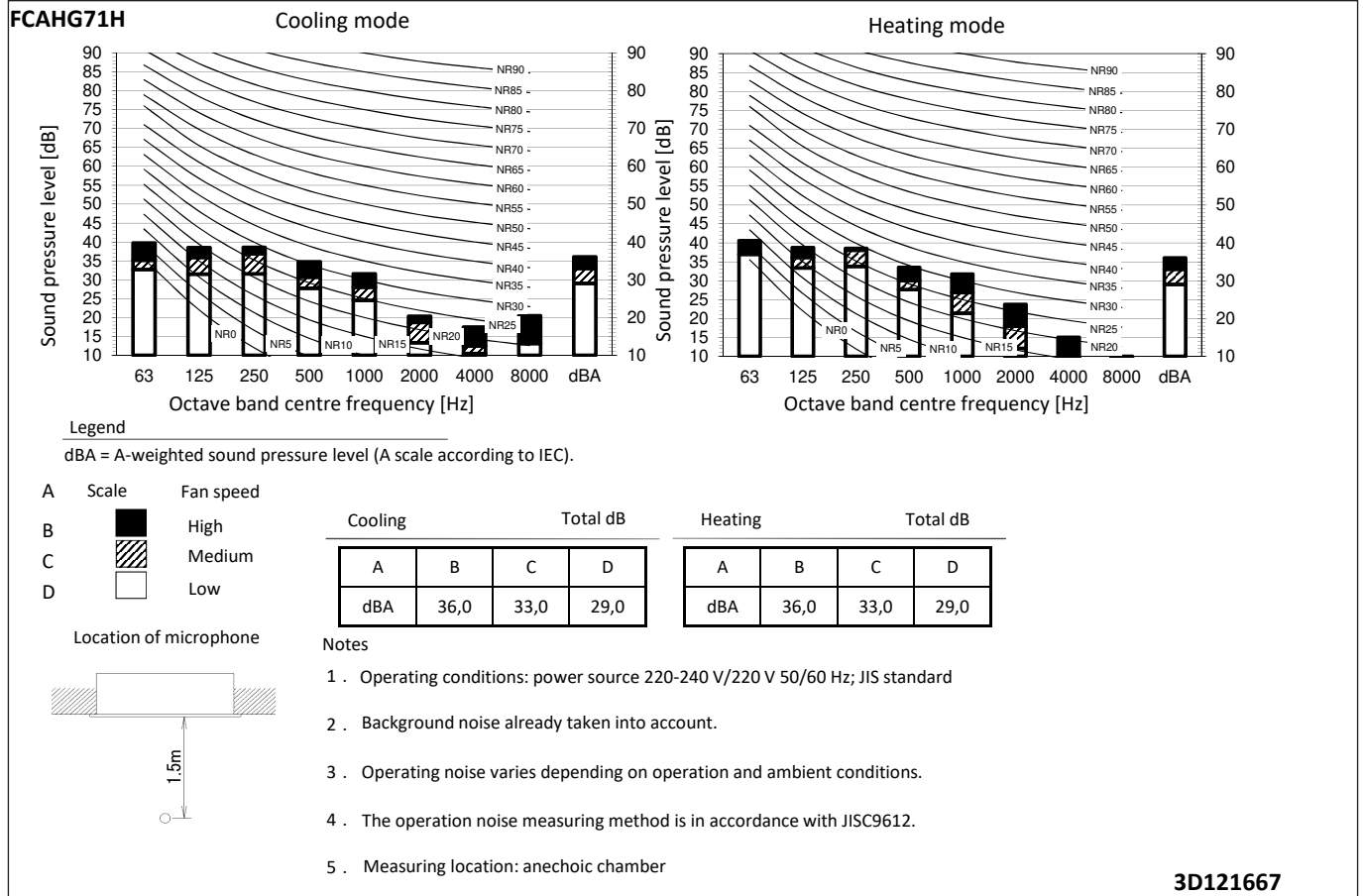
WIRE COLORS
BLK: BLACK RED: RED
BLU: BLUE WHT: WHITE
YLW: YELLOW GRN: GREEN
BRN: BROWN PNK: PINK

INDOOR UNIT			
A1P	MAIN PCB	H2P PILOT LAMP (TIMER: GREEN)	
C10S	CAPACITOR	H3P PILOT LAMP (FILTER SIGN: RED)	
DS1	DIP SWITCH ON PCB	H4P PILOT LAMP (DEFROST: ORANGE)	
	FUSE (T: 1.15A 250V)		
HAP	FLASHING LAMP (SERVICE MONITOR: GREEN)	H5P PILOT LAMP (ELEMENT CLEANING: RED)	
K2R	MAGNETIC RELAY	H6P PILOT LAMP (TIMER: GREEN)	
M1P	MOTOR (DRAIN PUMP)	DI1 DIP SWITCH (MAIN / SUB)	
M1S-M4S	MOTOR (WINDING BLADE)	DS2 DIP SWITCH (WIRELESS ADDRESS SET)	
R1	RESISTOR	ADAPTOR FOR WIRING	
R1T	THERMISTOR (AIR)	A7P ADAPTOR PCB	
R2T, R3T	THERMISTOR (COIL)	F1U FUSE (5A 250V)	
S1L	FLOAT SWITCH (DRAIN PUMP)	F2U FUSE (5A 250V)	
V1R	DIODE BRIDGE	KH4R MAGNETIC RELAY	
Z2R	CBT POWER MODULE	KH5R MAGNETIC RELAY	
X1S-X01A	CONNECTOR	KFR MAGNETIC RELAY	
X1M	TERMINAL BLOCK (REMOTE CONTROLLER)	X1-X2A CONNECTOR	
X2M	TERMINAL BLOCK (POWER SUPPLY)	CONNECTORS FOR OPTIONAL PARTS	
Z1G, Z2C	FERRITE CORE	X2A CONNECTOR (WIRELESS REMOTE CONTROLLER)	
Z1F	NOISE FILTER	X3A CONNECTOR (ADAPTOR FOR WIRING)	
PS	POWER SUPPLY CIRCUIT	X3SA CONNECTOR (AUTO CLEAN PANEL)	
RC	SIGNAL RECEIVER CIRCUIT	X39A CONNECTOR (WIFI ADAPTOR)	
TC	SIGNAL TRANSMISSION CIRCUIT	X70A CONNECTOR (WIFI DATAKIT)	
NE	NOISELESS EARTH	X81A CONNECTOR (SENSOR KIT)	
SENSOR KIT		WIRED REMOTE CONTROLLER	
A3P, A4P	SENSOR KIT PCB	R1T THERMISTOR (AIR)	
WIRELESS REMOTE CONTROLLER (RECEIVER / DISPLAY UNIT)		HUMIDITY SENSOR	
ASP	RECEIVER PCB	A2P SENSOR PCB	
ASB	DISPLAY PCB	S1RH HUMIDITY SENSOR	
BS1	PUSH BUTTON (ON/OFF)	CN1 CONNECTOR	
X1-X2A	CONNECTOR		
X1P	PILOT LAMP (ON: RED)		

3D116812C

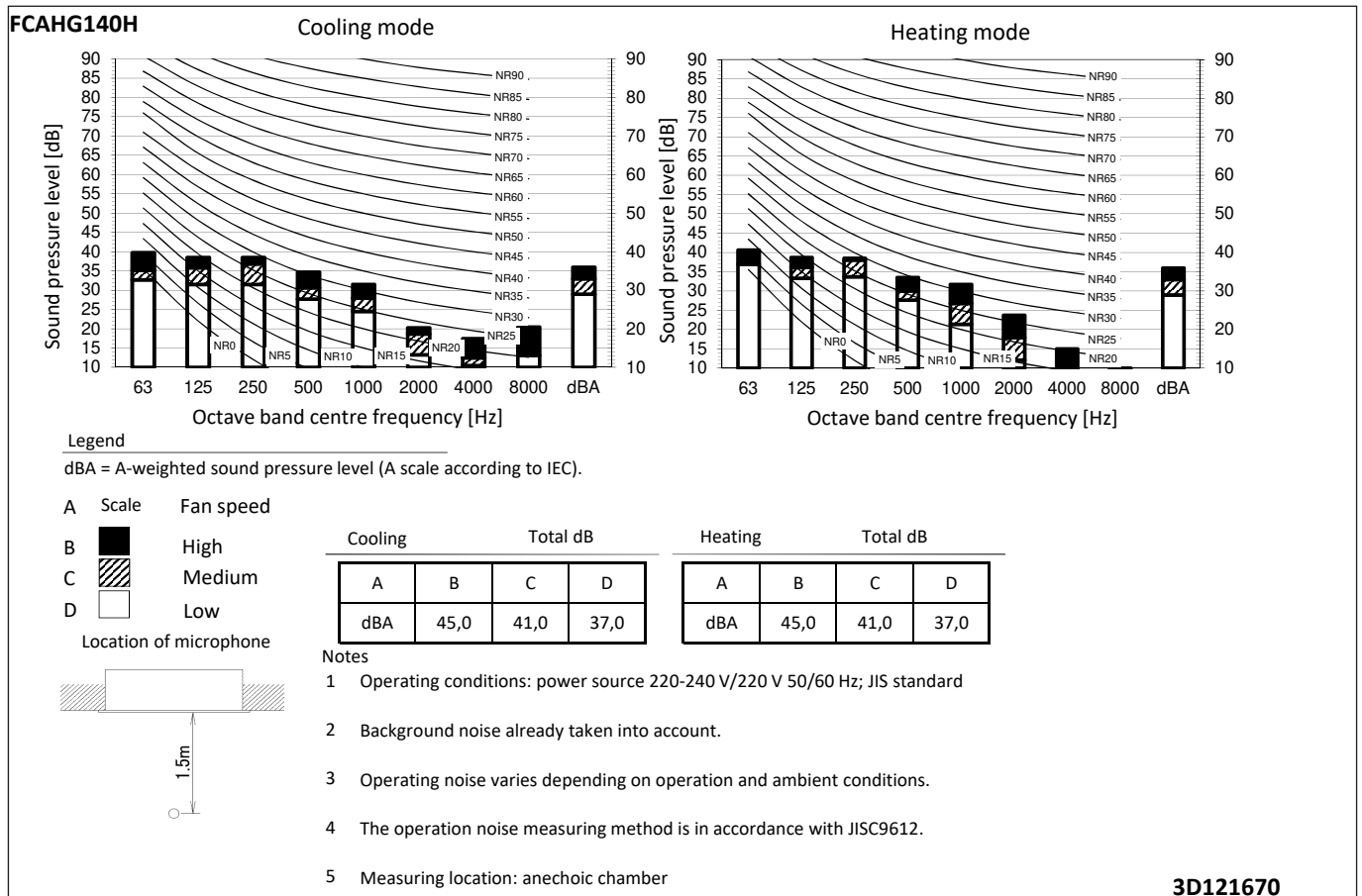
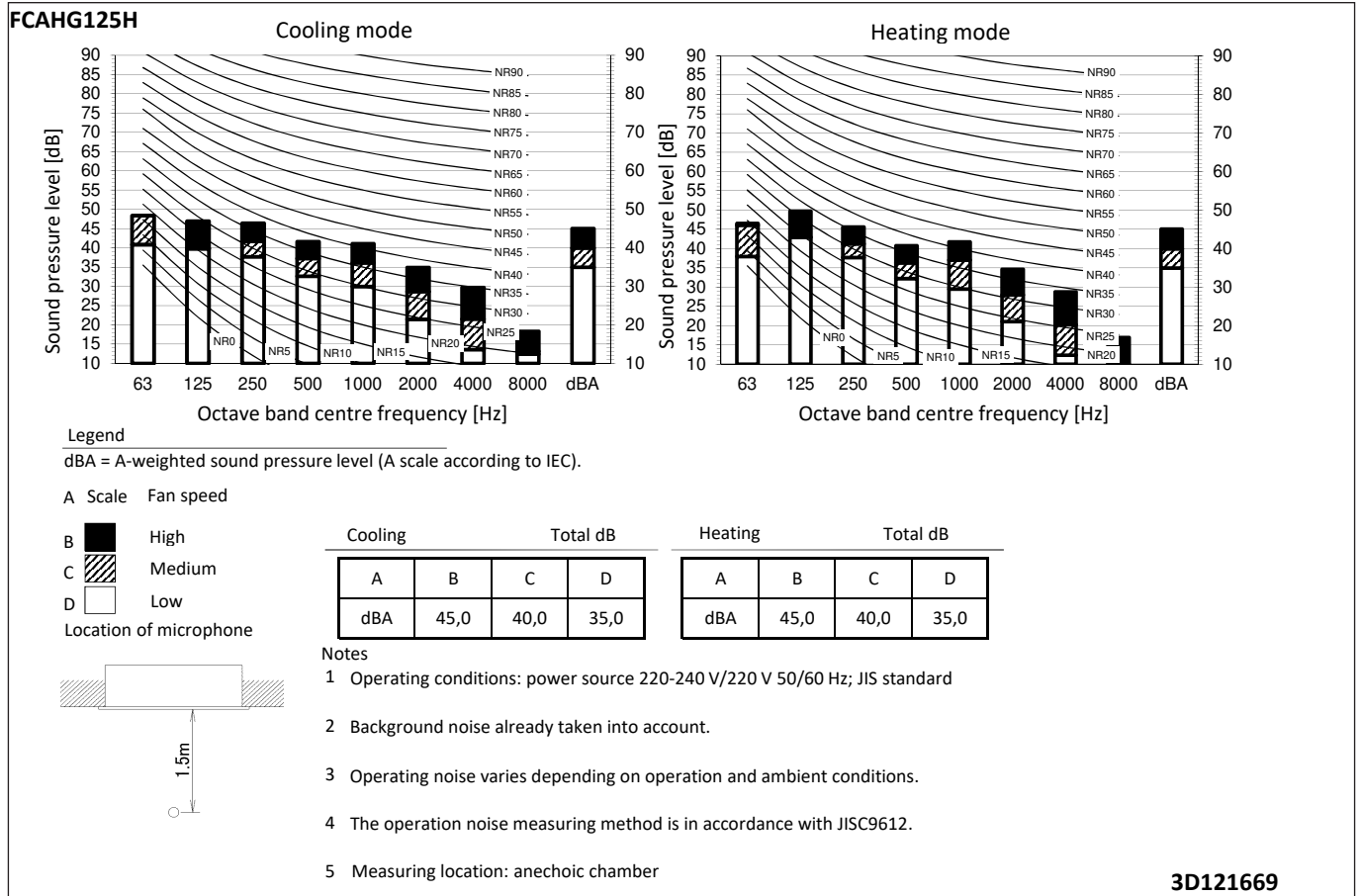
9 Sound data

9 - 1 Sound Pressure Spectrum



9 Sound data

9 - 1 Sound Pressure Spectrum



10 Air flow patterns

10 - 1 Air flow pattern - Cooling and Heating

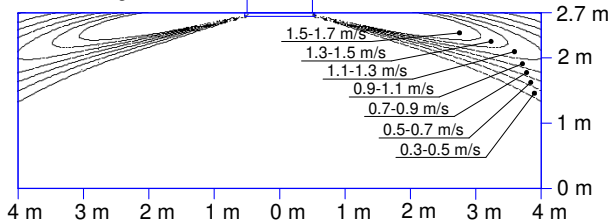
10

FCAHG71H

Air velocity distribution (cooling)

Air flow direction: horizontal

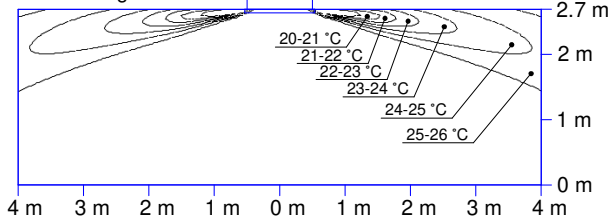
Air discharge: all-round



Air temperature distribution (cooling)

Air flow direction: horizontal

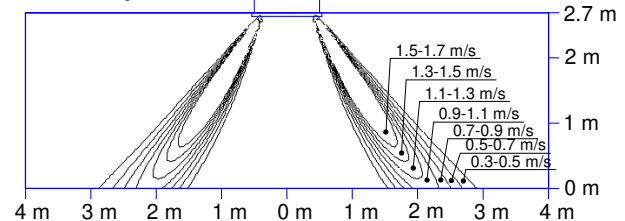
Air discharge: all-round



Air velocity distribution (heating)

Air flow direction: vertical

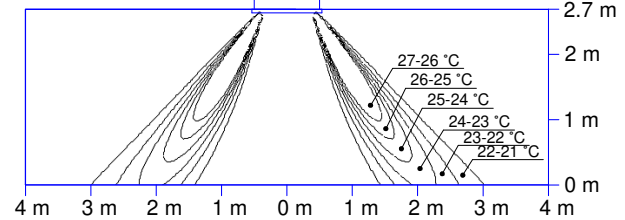
Air discharge: all-round



Air temperature distribution (heating)

Air flow direction: vertical

Air discharge: all-round



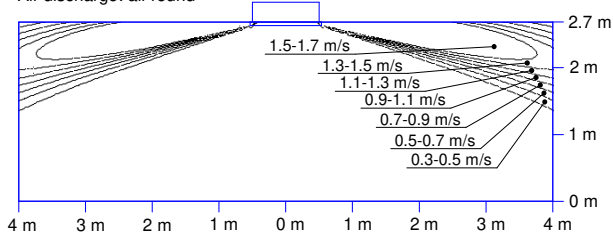
3D121624

FCAHG100H

Air velocity distribution (cooling)

Air flow direction: horizontal

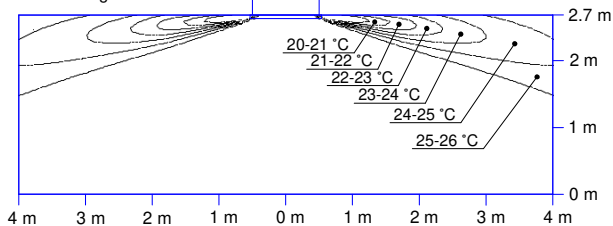
Air discharge: all-round



Air temperature distribution (cooling)

Air flow direction: horizontal

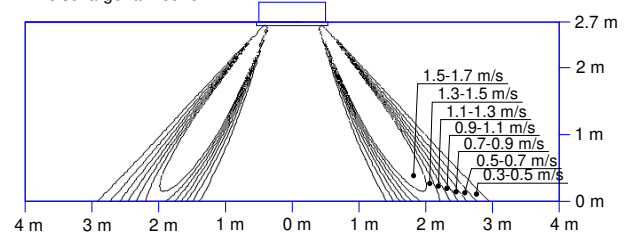
Air discharge: all-round



Air velocity distribution (heating)

Air flow direction: vertical

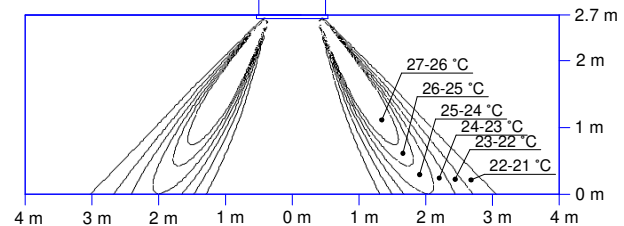
Air discharge: all-round



Air temperature distribution (heating)

Air flow direction: vertical

Air discharge: all-round



3D121625

10 Air flow patterns

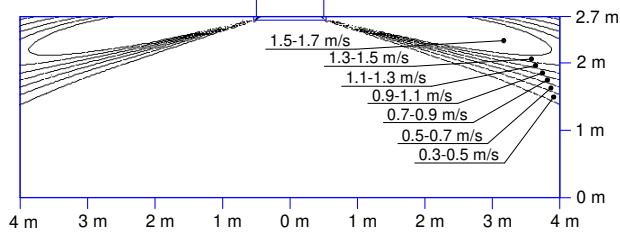
10 - 1 Air flow pattern - Cooling and Heating

FCAHG125-140H

Air velocity distribution (cooling)

Air flow direction: horizontal

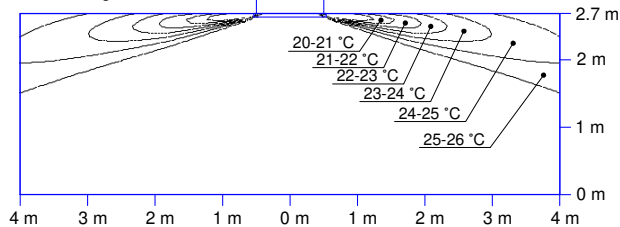
Air discharge: all-round



Air temperature distribution (cooling)

Air flow direction: horizontal

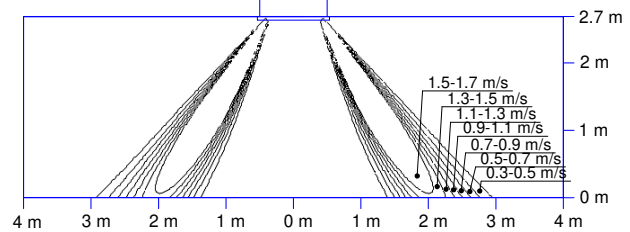
Air discharge: all-round



Air velocity distribution (heating)

Air flow direction: vertical

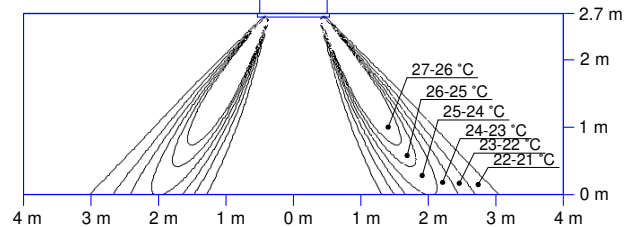
Air discharge: all-round



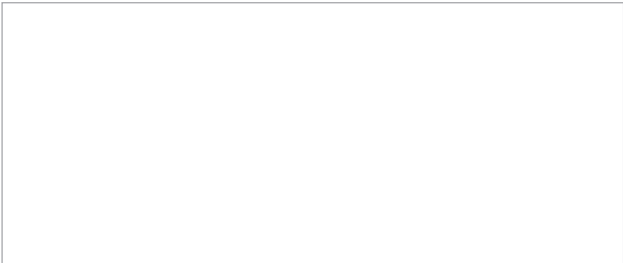
Air temperature distribution (heating)

Air flow direction: vertical

Air discharge: all-round



3D121626



EEDEN24

04/2024



The present publication is drawn up by way of information only and does not constitute an offer binding upon Daikin Europe N.V. / Daikin Central Europe HandelsGmbH. Daikin Europe N.V. / Daikin Central Europe HandelsGmbH have compiled the content of this publication to the best of their knowledge. No express or implied warranty is given for the completeness, accuracy, reliability or fitness for particular purpose of its content and the products and services presented therein. Specifications are subject to change without prior notice. Daikin Europe N.V. / Daikin Central Europe HandelsGmbH explicitly rejects any liability for any direct or indirect damage, in the broadest sense, arising from or related to the use and/or interpretation of this publication. All content is copyrighted by Daikin Europe N.V.