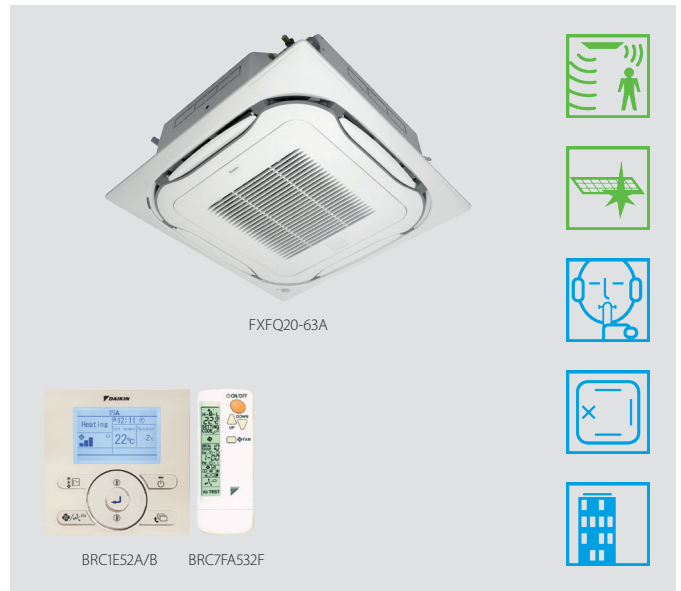


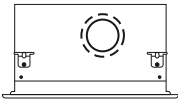
Round flow cassette

360° air discharge for optimum efficiency and comfort

- › 360° air discharge ensures uniform air flow and temperature distribution
- › Daily automatic filter cleaning results in higher efficiency & comfort and lower maintenance costs. Dust can easily be removed with a vacuum cleaner without opening the unit
- › 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.
- › Modern style decoration panel is available in 3 different variations: white (RAL9010) with grey louvers, full white (RAL9010) or auto cleaning panel
- › Reduced energy consumption thanks to specially developed small tube heat exchanger, DC fan motor and drain pump
- › Optional fresh air intake

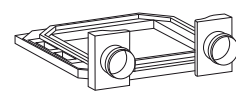


Fresh air intake opening in casing



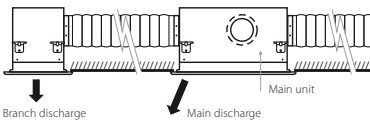
- * Brings in up to 7% of fresh air into the room

Optional fresh air intake kit

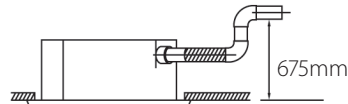


- * Allows larger quantities of fresh air to be brought in up to 10%
- * Distributes fresh air so it is most effectively pre-cooled / pre-heated

- › Branch duct discharge allows to optimize air distribution in irregular shaped rooms or to supply air to small adjacent rooms



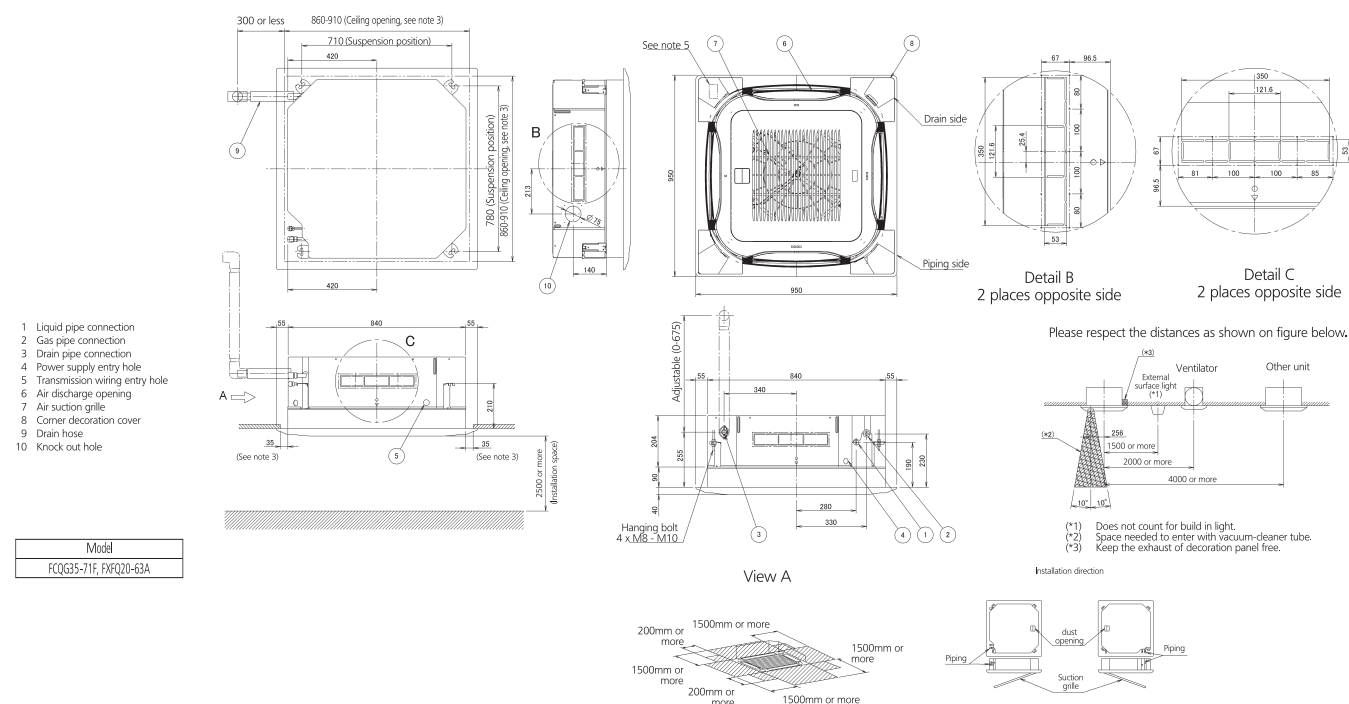
- › Lowest installation height in the market: 214mm for class 20-63
- › Standard drain pump with 675mm lift increases flexibility and installation speed



Indoor unit			FXFQ	20A	25A	32A	40A	50A	63A	80A	100A	125A
Cooling capacity	Nom.		kW	2.2	2.8	3.6	4.5	5.6	7.1	9.0	11.2	14.0
Heating capacity	Nom.		kW	2.5	3.2	4.0	5.0	6.3	8.0	10.0	12.5	16.0
Power input - 50Hz	Cooling	Nom.	kW	0.038				0.053	0.061	0.092	0.115	0.186
	Heating	Nom.	kW	0.038				0.053	0.061	0.092	0.115	0.186
Dimensions	Unit	Height	mm	204						246		288
		Width	mm	840								
		Depth	mm	840								
Weight	Unit		kg	19			20	21		24		26
Casing	Material			Galvanised steel plate								
Decoration panel	Model			BYCQ140D7GFW1 - auto cleaning panel with fine mesh filter								
	Colour			Pure White (RAL 9010)								
Decoration panel 2	Dimensions	HeightxWidthxDepth	mm	130x950x950								
	Weight		kg	10.3								
	Model			BYCQ140D7GW1 - auto cleaning panel								
	Colour			Pure White (RAL 9010)								
Decoration panel 3	Dimensions	HeightxWidthxDepth	mm	130x950x950								
	Weight		kg	10.3								
	Model			BYCQ140D7W1W - full white								
	Colour			Pure White (RAL 9010)								
Decoration panel 4	Dimensions	HeightxWidthxDepth	mm	50x950x950								
	Weight		kg	5.4								
	Model			BYCQ140D7W1 - white with grey louvers								
	Colour			Pure white (RAL 9010)								
Fan-Air flow rate - 50Hz	Dimensions	HeightxWidthxDepth	mm	50x950x950								
	Weight		kg	5.4								
	Cooling	High/Nom./Low	m³/min	12.5/10.6/8.8			13.6/11.6/9.5	15.0/12.8/10.5	16.5/13.5/10.5	22.8/17.6/12.4	26.5/19.5/12.4	33.0/26.5/19.9
	Heating	High/Nom./Low	m³/min	12.5/10.6/8.8			13.6/11.6/9.5	15.0/12.8/10.5	16.5/13.5/10.5	22.8/17.6/12.4	26.5/19.5/12.4	33.0/26.5/19.9
Air filter	Type			Resin net with mold resistance								
Sound power level	Cooling	High/Nom.	dBA	49/-			51/-		53/-	55/-	60/-	61/-
Sound pressure level	Cooling	High/Nom./Low	dBA	31/29/28			33/31/29		35/33/30	38/34/30	43/37/30	45/41/36
	Heating	High/Nom./Low	dBA	31/29/28			33/31/29		35/33/30	38/34/30	43/37/30	45/41/36
Refrigerant	Type			R-410A								
	GWP			2,087.5								
Piping connections	Liquid	OD	mm	6.35					9.52			
	Gas	OD	mm	12.7					15.9			
	Drain			VP25 (O.D. 32 / I.D. 25)								
Power supply	Phase/Frequency/Voltage		Hz/V	1~/50/60/220-240/220								
Current - 50Hz	Maximum fuse amps (MFA)		A	16								
Control systems	Infrared remote control			BRC7FA532F								
	Wired remote control			BRC1D52 / BRC1E52A/B								
	Simplified wired remote control for hotel applications			BRC2E52C (heat recovery type) / BRC3E52C (heat pump type)								

The BYCQ140D7W1W 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 BYCQ140D7W1W decoration panel in environments exposed to concentrations of dirt.
BYCQ140D7W1: pure white standard panel with grey louvers; BYCQ140D7W1W: pure white standard panel with white louvers; BYCQ140D7GFW1: pure white auto cleaning panel.

FXFO20-63A WITH AUTO-CLEANING PANEL



Notes:

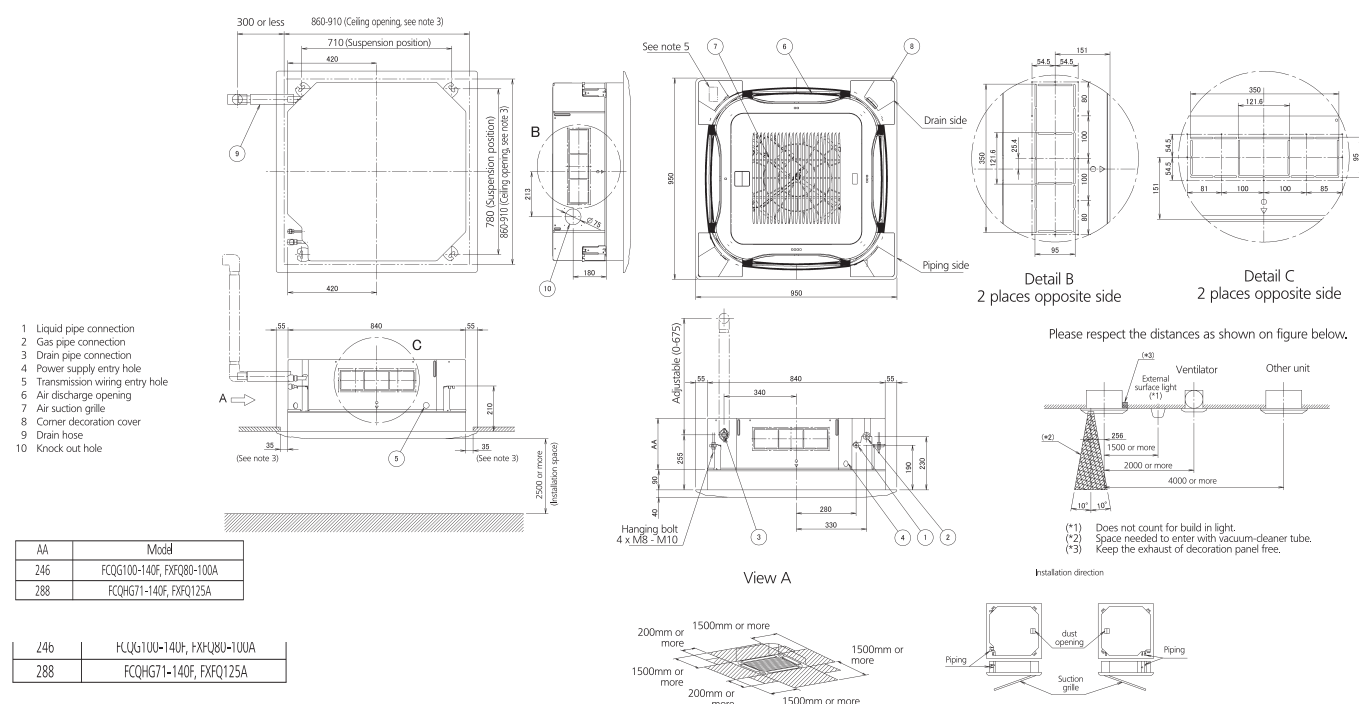
1. Location of the nameplates:
 - Unit body: on the control box cover,
 - Decoration panel: on the panel frame at the piping side under the corner cover.
2. When installing an optional accessory, refer to the installation drawings.
3. For fresh air intake kit an inspection part is necessary.
4. Make sure the spacing between the ceiling and the cassette is no more than 35mm.
MAX ceiling opening: 910mm.
5. When the conditions exceed 30°C and RH 80% in the ceiling or fresh air is inducted into the ceiling, an additional insulation is required (polyethylene foam, thickness 10 mm or more).
6. In case of using a sensor kit, this position will be a sensor. Refer to the drawing of the sensor kit for more detail.

Required space

In case a discharge opening is closed with the 'sealing member' option, the distance of 1500mm can be reduced to 500mm on the closed side.

2D090231

FXFQ80-125A WITH AUTO-CLEANING PANEL



Notes:

1. Location of the nameplates:
 - Unit body: on the control box cover,
 - Decoration panel: on the panel frame at the piping side under the corner cover.
2. When installing an optional accessory, refer to the installation drawings.
 - For fresh air intake kit an inspection part is necessary.
3. Make sure the spacing between the ceiling and the cassette is no more than 35mm, MAX ceiling opening: 910mm.
4. When the conditions exceed 30°C and RH 80% in the ceiling or fresh air is inducted into the ceiling, an additional insulation is required (polyethylene foam, thickness 10 mm or more).
5. In case of using a sensor kit, this position will be a sensor. Refer to the drawing of the sensor kit for more detail.

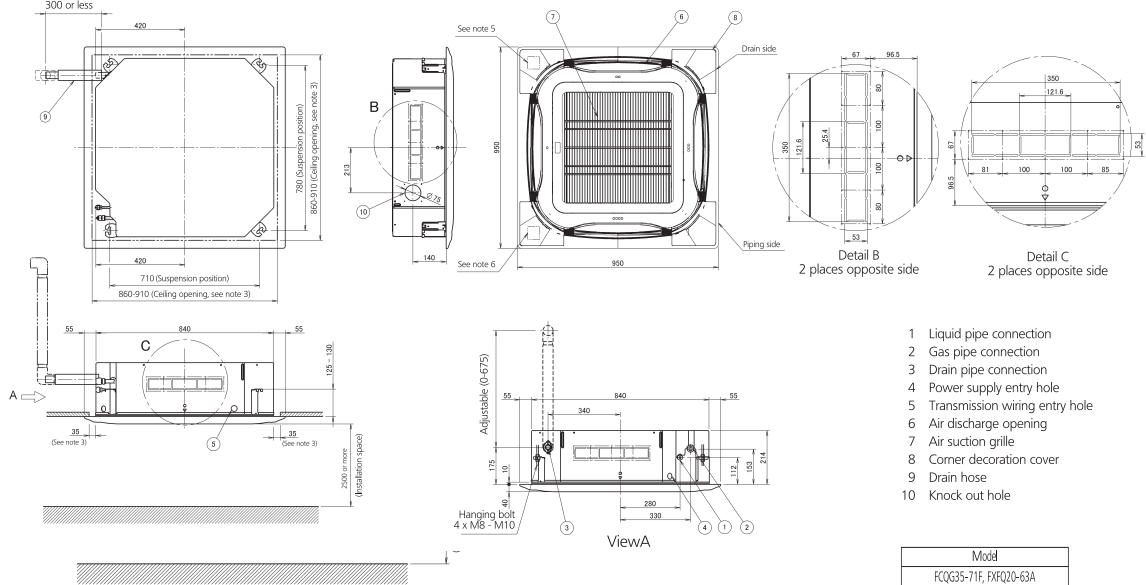
Required space

Required space
In case a discharge opening is closed with the 'sealing member' option, the distance of 1500mm can be reduced to 500mm on the closed side.

3D077131D

FXFQ20-63A WITH STANDARD PANEL

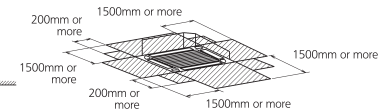
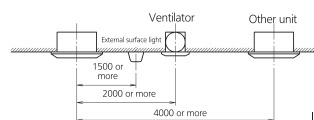
with standard panel



Notes:

- Location of the nameplates:
 - Unit body: on the control box cover.
 - Decoration panel: on the panel frame at the piping side under the corner cover.
- When installing an optional accessory, refer to the installation drawings.
- Make sure the spacing between the ceiling and the cassette is no more than 35mm. MAX ceiling opening: 910mm.
- When the conditions exceed 30°C and RH 80% in the ceiling or fresh air is inducted into the ceiling, an additional insulation is required (polyethylene foam, thickness 10 mm or more).
- In case of using a sensor kit, this position will be a sensor, refer to the drawing of the sensor kit for more detail.
- In case of using an infrared controller, this position will be a receiver, refer to the drawing of the infrared controller for more detail.

Please respect the distances as shown on figure.



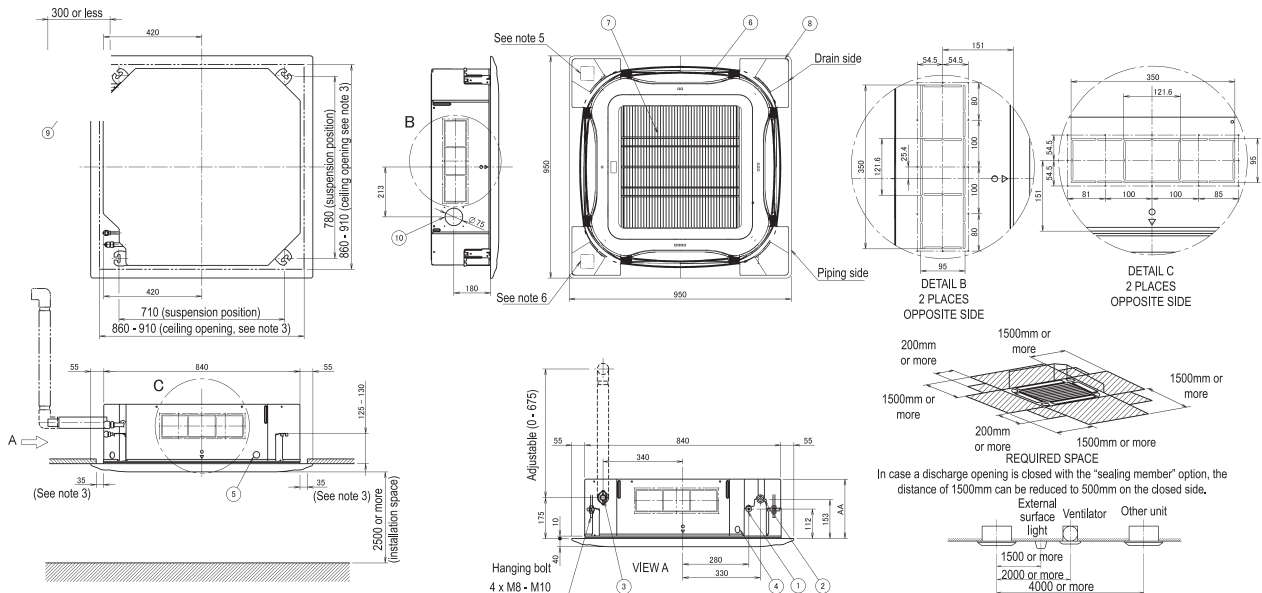
Required space

In case a discharge opening is closed with the 'sealing member' option, the distance of 1500mm can be reduced to 500mm on the closed side.

2D090245A

FXFQ80-125A WITH STANDARD PANEL

with standard panel



NOTE

- Location of the nameplates
 - Unit body: on the control box cover
 - Decoration panel: on the panel frame at the piping side under the corner cover
- When installing an optional accessory, refer to the installation drawings.
- Make sure the spacing between the ceiling and the cassette is no more than 35mm. Max ceiling opening: 910mm
- When the conditions exceed 30°C and RH 80% in the ceiling or fresh air is inducted into the ceiling, an additional insulation is required (polyethylene foam, thickness 10mm or more)
- In case of using a sensor kit, this position will be a sensor, refer to the drawing of the sensor kit for more detail
- In case of using an infrared control, this position will be a receiver, refer to the drawing of the infrared control for more detail

Item	Name
1	Liquid pipe connection
2	Gas pipe connection
3	Drain pipe connection
4	Power supply entry hole
5	Transmission wiring entry hole
6	Air discharge opening
7	Air suction grille
8	Corner decoration cover
9	Drain hose
10	Knock out hole

	Model
256	FCQG100-140FVEB, FXFQ80-100AVEB
298	FCQGH71-140FVEB, FXFQ125AVEB

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