

7 Dimensional drawings

7 - 1 Dimensional Drawings

FXFA-A

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.

Cassette height	Minimal installation height	Required installation space	Model	
AA	AB	AC	AD	FCAG35/50/60/71/8VEB
204	139	269	2700	FCAG100/125/140H/VEB
246	180	311	2700	FCAG100/125/140H/VEB
288	180	353	2700	FCAG100/125/140H/VEB
204	139	269	2700	FXFG20/25/32/40/50/63/82VEB
246	180	311	2700	FXFG20/25/32/40/50/63/82VEB
288	180	353	2700	FXFG20/25/32/40/50/63/82VEB
204	139	269	2500	FXFA20/25/32/40/50/63A2VEB
246	180	311	2500	FXFA20/25/32/40/50/63A2VEB
288	180	353	2500	FXFA20/25/32/40/50/63A2VEB

Respect the distances shown on the figure.

Required installation space

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

Item Name

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

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- 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.

Cassette height	Minimal installation height	Required installation space	Model	
AA	AB	AC	AD	FCAG35/50/60/71/8VEB
204	139	307	2700	FCAG100/125/140H/VEB
246	180	349	2700	FCAG100/125/140H/VEB
288	180	391	2700	FCAG100/125/140H/VEB
204	139	307	2700	FXFG20/25/32/40/50/63/82VEB
246	180	349	2700	FXFG20/25/32/40/50/63/82VEB
288	180	391	2700	FXFG20/25/32/40/50/63/82VEB
204	139	307	2500	FXFA20/25/32/40/50/63A2VEB
246	180	349	2500	FXFA20/25/32/40/50/63A2VEB
288	180	391	2500	FXFA20/25/32/40/50/63A2VEB

Respect the distances shown on the figure.

Required installation space

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

Item Name

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

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7 Dimensional drawings

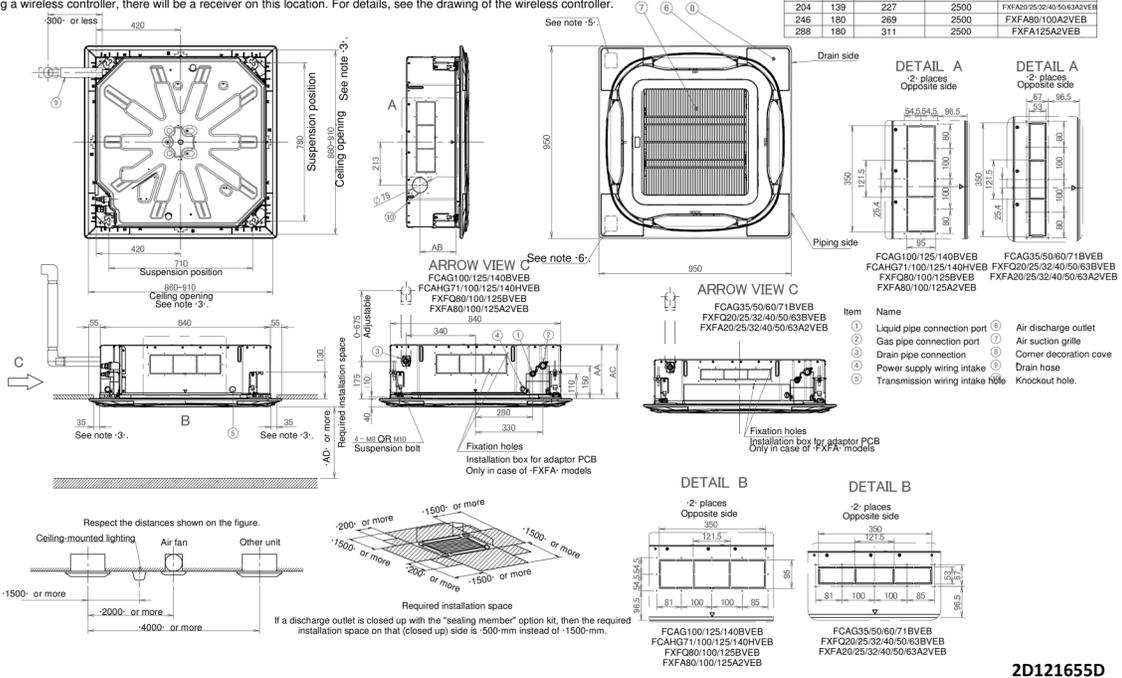
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1. Location of nameplate
The unit nameplate is located on the control box cover.
The decoration panel nameplate is located on the piping-side panel frame, under the corner cover.
2. When installing optional accessories, refer to their respective documentation.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

Cassette height	Minimal installation height	Required installation space	Model	
AA	AB	AC	AD	
204	139	227	2700	FCAG35/50/60/71BVEB
246	180	269	2700	FCAG100/125/140BVEB
288	180	311	2700	FCAGH71/100/125/140HVEB
204	139	227	2700	FXFG20/25/32/40/50/63BVEB
246	180	269	2700	FXFG80/100BVEB
288	180	311	2700	FXFQ125BVEB
204	139	227	2500	FXFA20/25/32/40/50/63A2VEB
246	180	269	2500	FXFA80/100A2VEB
288	180	311	2500	FXFA125A2VEB



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7 Dimensional drawings

7 - 2 Dimensional Drawings with Accessories

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Remote control dimensions

Transmitter

157

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Remote control holder

Installation methods

Installation to wall surface

Wireless remote control

Remote control holder

Receiver detail

Installation methods

Decoration panel

Designer decoration panel

Self-cleaning decoration panel

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

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Installation methods

Decoration panel

Designer decoration panel

Self-cleaning decoration panel

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

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