



## Submittal Data Sheet

Fresh Air Intake Kit (Chamber Type without T-Shape)  
KDDQ55B140

### DESCRIPTION

The fresh air intake kit is a field-installed accessory for introducing 10% or less ventilation air when installed between the indoor unit body and decoration panel.



### SPECIFICATIONS

Model No.:	KDDQ55B140
Components Included:	Chamber, left and right connecting chamber, sealing material, desiccant tape, screws, sensor assembly, clamps and installation manual
Unit Compatibility:	FXFQ07TVJU, FXFQ09TVJU, FXFQ12TVJU, FXFQ15TVJU, FXFQ18TVJU, FXFQ24TVJU, FXFQ30TVJU, FXFQ36TVJU, FXFQ48TVJU
Unit Weight:	10 lbs (4.5 kg)
Dimensions (W x H x D):	Chamber: 33-19/32" x 36-19/32" x ~10" (854mm x 929mm x ~254mm)
Material / Finish:	Galvanized metal frame with insulation / No finish
Power Supply:	N/A
Duct Connection Diameter:	Ø6" (150mm)

- Notes:**
- 1) It is not possible to use KDDQ55B140 when the optional self-cleaning deco panel (BYCQ125BGW1) is used with the FXFQ\_TVJU series round flow cassette.



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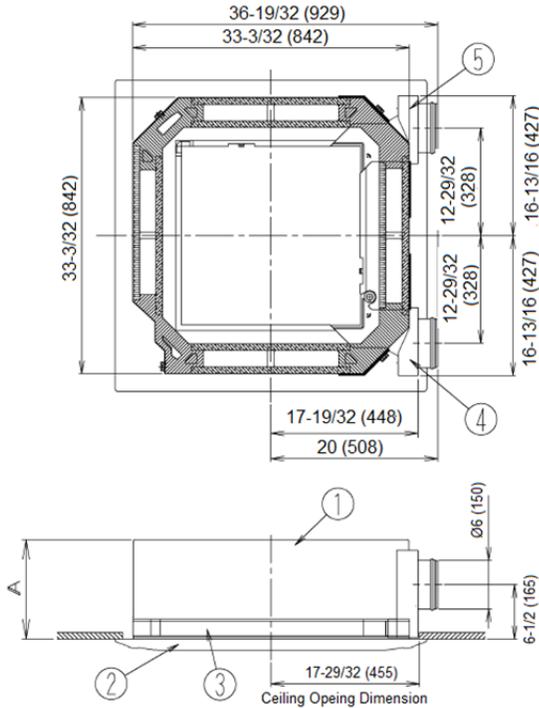
Fresh Air Intake Kit (Chamber Type without T-Shape)

KDDQ55B140

## DIMENSIONAL DRAWINGS

Dimensions

Unit: in (mm)



Number	Name	Description
1	Indoor unit main body	
2	Decoration panel	
3	Suction chamber	
4	Connecting port chamber (right)	
5	Connecting port chamber (left)	

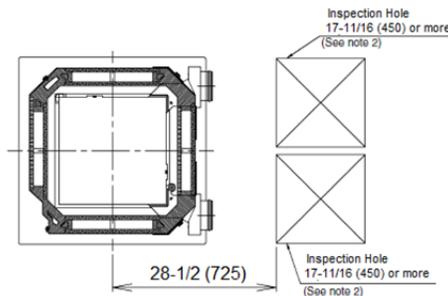
**Accessories**

- Screws (M5×12) : 4 pieces
- Sealing materials for air outlets at the corner
- Tape for fixing sealing materials for air outlets at the corner
- Installation manual

Decoration panel	Indoor unit	Δ (mm)
BYCP125K-W1	SkyAir FCQ50-71LUV1, FCQ50-71KVEA, FCQN71KVEA, FCQ71KVL1	12 (306)
	VFM FXFQ25-80PVE	
BYCP125K-W2	SkyAir FCQ100-140LUV1, FCQ100-140KVEA, FCQN100-140KVEA, FCQ100KVL1, FCQ125/140KAVLT	13-3/4 (348)
	VFM FXFQ100/125PVE	
BYCP125K-W3	SkyAir FCQ30-48LUV2S	

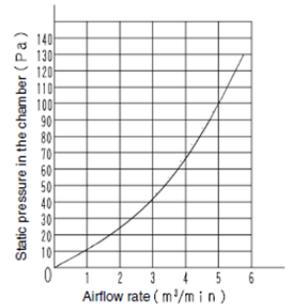
**Note)**

- Maximum length of the duct is 4 meters.
- When installing this kit, an inspection hole is required (in order to maintain this kit). Establish an inspection holes on either side.
- This kit is field assembly.
- Install the hanging fixing for the T joint. Otherwise the load from T-shape pipe assembly, etc., could create a gap between the indoor unit and suction chamber.
- When mounting the duct fan, be sure to use the wiring modification adaptor to interlock with the indoor unit fan.
- With the intake air volume, 10% or less of the "H" wind volume of the indoor unit is recommended.  
Excessive intake air volume may increase the operation sound level or affect the performance of the suction air temperature detection in the indoor unit.



How to establish an inspection hole

Resistance in the passage inside the chamber



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