Daikin Air Conditioners Fresh Air Intake Kit Installation manual

KDDQ55C140

READ THESE INSTRUCTIONS CAREFULLY BEFORE INSTALLATION.
KEEP THIS MANUAL IN A HANDY PLACE FOR FUTURE REFERENCE.

⚠Caution Before starting the installation work, carefully read the following, safety precautions and observe them to ensure safety during work.

- Make sure to use the attached or specified components to install the products. Otherwise, it may cause air leak or the product may fall.
- After installation, check whether there is no abnormality during the trial operation.

REMARKS

- This kit can be installed to the Ceiling Mounted Cassette Type Air Conditioner<Round-flow type>.
- Before installation, make sure the indoor unit name.
- Refer to the installation manuals for the indoor unit and the decoration panel.
- In case of mounting a duct fan, make sure to use a wiring adapter for electrical appendices and link with the indoor unit fan.
- Be sure to installe the attached sensor assy.

Combination table

Kit name	Applicable indoor units	
KDDQ55C140	SPLIT	FCQ35・50・60・71・100・125・140C7VEB FCQH71・100・125・140C7VEB
	VRV	FXFQ20・25・32・40・50・63・80・100・125P7VEB

Max flesh air intake volume table

- The maximum intake air flow volume is following table. If the intake air flow volume is too large, the operating sound may rise or detection of the indoor unit suction temperature may be affected.

FCQ~C7VEB	35	50	60	71	100	125	140
Max flesh air intake volume (m^3/min.)	2.5	2.5	2.7	3.2	4.3	4.3	4.3

FCQH~C7VEB	71	100	125	140
Max flesh air intake volume (m^3/min.)	4.0	4.3	4.3	4.3

FXFQ~P7VEB	20	25	32	40	50	63	80	100	125
Max flesh air intake volume (m^3/min.)	2.5	2.5	2.5	2.7	3.1	3.5	4.3	4.3	4.3

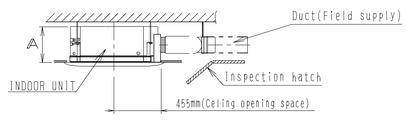
Components Check if the following parts are included with your kit.
Shaded part ▨ is separately packed.

Name	①Suction Chamber	②Connecting Chamber (Right)	③Connecting Chamber (left)	④Sealing material A	⑤Sealing material B	⑥Desiccant tape	⑦Screw	⑧Sensor Assy	⑨Clamp
Shape									
Quantity	1 pcs.	1 pcs.	1 pcs.	1 pcs.	1 pcs.	2 pcs.	4 pcs.	1 pcs.	2 pcs.

Name	⑩Screw (for sensor)	⑪Partition plate	⑫Desiccant tape	⑬Desiccant tape	⑭Sealing material	⑮Desiccant tape	⑯Desiccant tape	⑰Desiccant tape	⑱Thermal insulation	⑲Thermal insulation
Shape										
Quantity	1 pcs.	1 pcs.	1 pcs.	1 pcs.	1 pcs.	1 pcs.	1 pcs.	1 pcs.	1 pcs.	1 pcs.

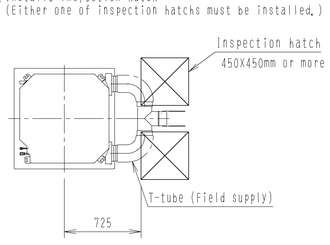
❶ Selection of Location and Access Door

1. Referto the following table.



Indoor unit	A (mm)
FCQ35・50・60・71C7VEB FXFQ20・25・32・40・50・63P7VEB	264
FCQ100・125・140C7VEB FCQH71C7VEB FXFQ80・100P7VEB	306
FCQH100・125・140C7VEB FXFQ125P7VEB	348

2. Installe inspection hatch
(Either one of inspection hatchs must be installed.)

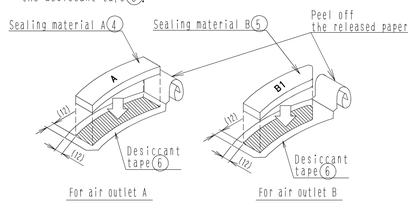


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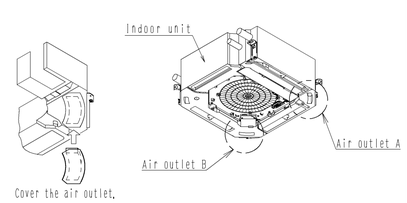
❷ Preparation of a indoor unit

Make sure to turn off the power supply before remove the control box lid.
Remove the decoration panel, when the panel is already installed.

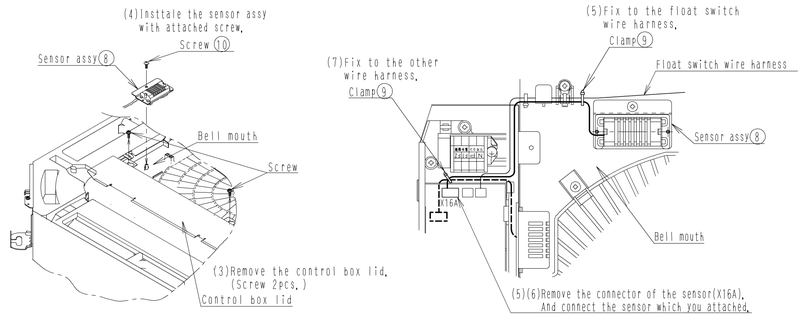
(1) Stick the sealing material A④ and B⑤ to the desiccant tape⑥.



(2) Cover the air outlet of indoor unit by the left parts.



(3) Refer to the installation manual of the indoor unit, remove the control box lid of indoor unit.
(4) Installe the sensor assy with screw⑩to the indoor unit through the bell mouth.
(Don't pinch the float switch wire harness.)
(5) Remove the connector of the sensor(X16A) that already attached on printed circuit board.
(6) Connect the sensor which you attached to the indoor unit, to the connector(X16).
(7) Fix the wire harness by attached clamps⑨to the other wire harness.



(8) Stick the thermal insulation⑲ to the lid of installation box for adopter PCB
(9) Stick the desiccant tapes⑫⑬and sealing material⑭ to the indoor unit.

