

Ceiling Cassette -1way Compact-FDTQ

Model No.

FDTQ22KXE6F
FDTQ28KXE6F
FDTQ36KXE6F



Fits into standard
600 x 600 ceiling

Remote control (option)

Wired



RC-EX3A RC-E5 RCH-E3

Wireless



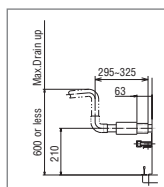
RCN-KIT4-E2

Compact design

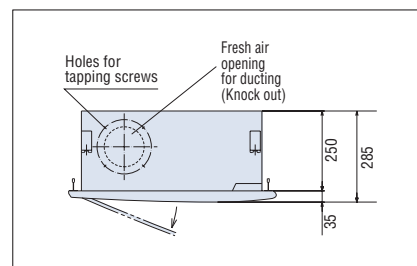
- Comfortable effective cooling for small rooms, with low fan speed air flow at just 5.4m³/min.



Optional wide panel shown for solid ceiling



Condensate drain pump included as standard



Ultra slim design at just 250mm above the ceiling

Specifications

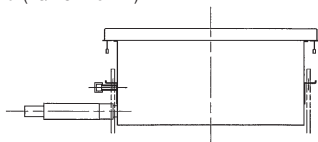
Item	Model	FDTQ22KXE6F				FDTQ28KXE6F				FDTQ36KXE6F			
Panel Name		Direct blow panel		Duct panel		Direct blow panel		Duct panel		Direct blow panel		Duct panel	
Panel mode (Option)		TQ-PSA-15W-E	TQ-PSB-15W-E	QR-PNA-14W-ER	QR-PNB-14W-ER	TQ-PSA-15W-E	TQ-PSB-15W-E	QR-PNA-14W-ER	QR-PNB-14W-ER	TQ-PSA-15W-E	TQ-PSB-15W-E	QR-PNA-14W-ER	QR-PNB-14W-ER
Nominal cooling capacity	kW	2.2				2.8				3.6			
Nominal heating capacity	kW	2.5				3.2				4.0			
Power source		1 Phase 220-240V, 50Hz											
Power consumption	Cooling	0.05-0.07				0.05-0.07				0.05-0.07			
	Heating	0.05-0.07				0.05-0.07				0.05-0.07			
Sound power level	dB(A)	60											
Sound pressure level	dB(A)	P-Hi:45Hi:41 Me:38 Lo:33				P-Hi:45 Hi:41 Me:38 Lo:33				P-Hi:45 Hi:41 Me:38 Lo:33			
Exterior dimensions	Unit	250x570x570				250x570x570				250x570x570			
H x W x D	Panel	35x625x650	35x780x650	35x625x650	35x780x650	35x625x650	35x780x650	35x625x650	35x780x650	35x625x650	35x780x650	35x625x650	35x780x650
Net weight	kg	Unit:23 Panel:2.5	Unit:23 Panel:3	Unit:23 Panel:2.5	Unit:23 Panel:3	Unit:23 Panel:2.5	Unit:23 Panel:3	Unit:23 Panel:2.5	Unit:23 Panel:3	Unit:23 Panel:2.5	Unit:23 Panel:3	Unit:23 Panel:2.5	Unit:23 Panel:3
Air flow	m³/min	P-Hi:8 Hi:7 Me:6 Lo:5				P-Hi:8 Hi:7 Me:6 Lo:5				P-Hi:8 Hi:7 Me:6 Lo:5			
Outside air intake		Possible											
Air filter, Q'ty		Pocket Plastic net x1 (Washable)											
Remote control(option)		wired:RC-EX3A, RC-E5, RCH-E3 wireless:RCN-KIT4-E2											
Installation data	mm(in)	Liquid line:ø6.35(1/4") Gas line:ø9.52(3/8")								Liquid line:ø6.35(1/4") Gas line:ø12.7(1/2")			
Refrigerant piping size													

1. The data are measured under the following conditions(ISO-T1). Cooling: Indoor temp. of 27°CDB, 19°CWB, and outdoor temp. of 35°CDB. Heating: Indoor temp. of 20°CDB, and outdoor temp. of 7°CDB, 6°CWB.
2. Sound pressure level indicates the value in an anechoic chamber. During operation these values are somewhat higher due to ambient conditions.

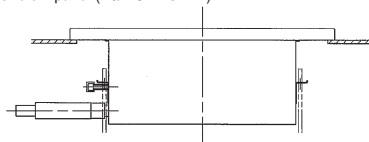
Dimensions

All measurements in mm.

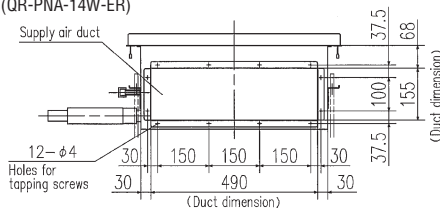
Direct blow panel (TQ-PSA-15W-E)



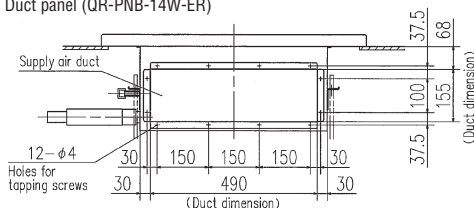
Direct blow panel (TQ-PSB-15W-E)



Duct panel (QR-PNA-14W-ER)



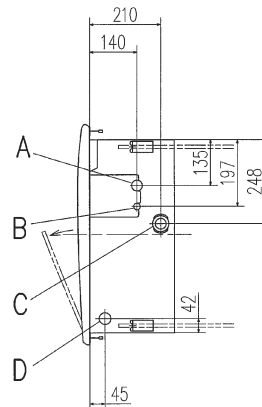
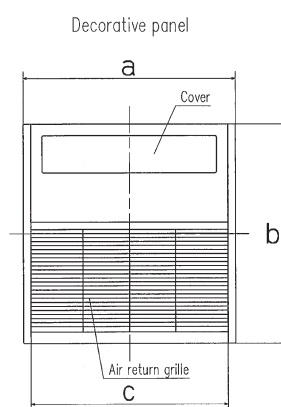
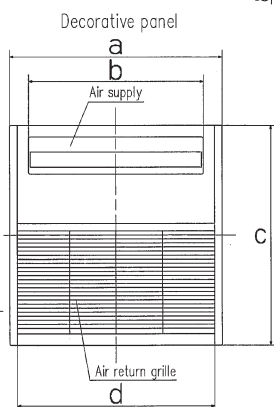
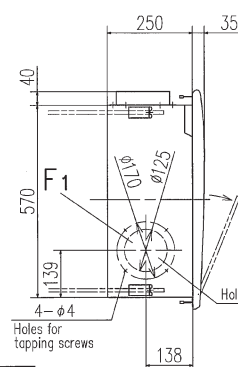
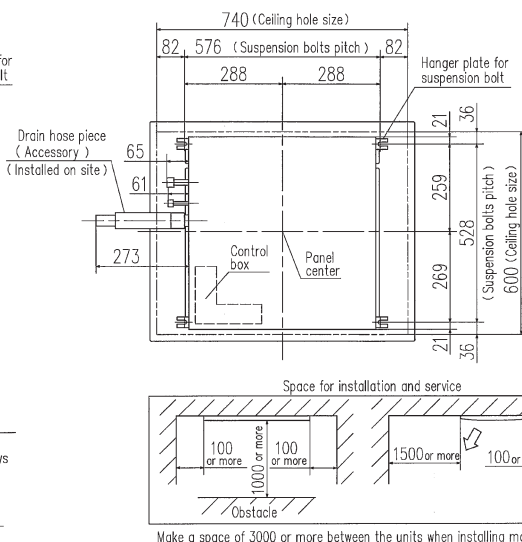
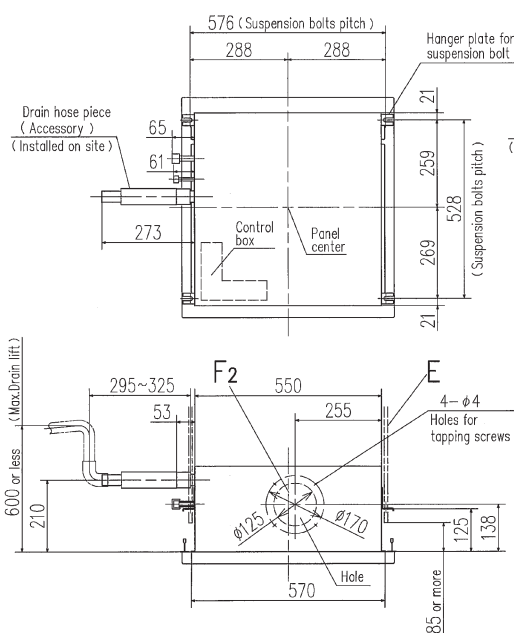
Duct panel (QR-PNB-14W-ER)



Symbol	Content
Model	FDTQ22KXE6F, 28KXE6F FDTQ36KXE6F
A	Gas piping φ9.52 (3/8") (Flare)
B	Liquid piping φ6.35 (1/4") (Flare)
C	Drain piping VP 25 (Q.D. 32)
D	Hole for wiring φ30
E	Suspension bolts M10
F1,2	Outside air opening for ducting (Knock out)

Notes

- (1) The model name label is attached on the fan case inside the air return grille.
- (2) This unit is designed for 2X2 grid ceiling.
* In case of Direct blow panel



Dimension Table

Unit:mm

model	a	b	c	d
TQ-PSA-15W-E	625	514	650	580
TQ-PSB-15W-E	780	514	650	580

Dimension Table

Unit:mm

model	a	b	c
QR-PNA-14W-ER	625	650	580
QR-PNB-14W-ER	780	650	580