

# Ceiling Cassette -1way Compact-FDTQ

**Model No.**  
FDTQ22KXE6F  
FDTQ28KXE6F  
FDTQ36KXE6F



Fits into standard 600 x 600 ceiling

### Remote control (option)

Wired



Wireless



For grid type ceiling:  
TQ-PSA-15W-E

For gypsum ceiling:  
TQ-PSB-15W-E

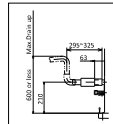
1 way compact Cassette is designed for 600x600 grid ceiling. If it is installed on a ceiling other than grid ceiling, then use panel TQ-PSB-15W-E.

### Compact design

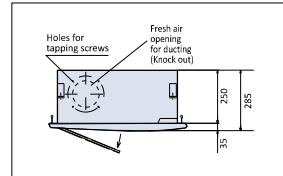
- Comfortable effective cooling for small rooms, with low fan speed air flow at just 5.4m<sup>3</sup>/min.



Optional wide panel shown for solid ceiling



Condensate drain pump included as standard

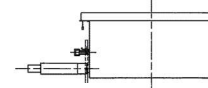


Ultra slim design at just 250mm above the ceiling

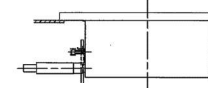
## Dimensions

All measurements in mm.

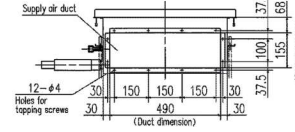
Direct blow panel (TQ-PSA-15W-E)



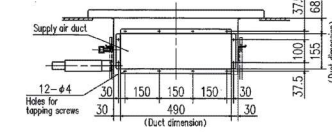
Direct blow panel (TQ-PSB-15W-E)



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

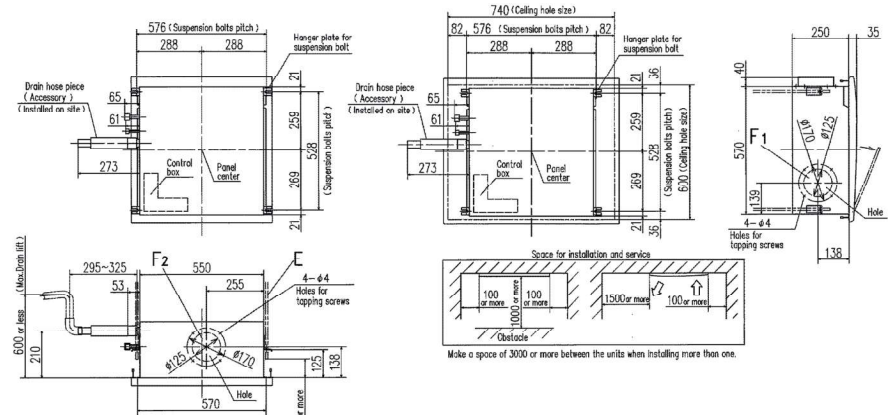


Duct panel (QR-PNB-14W-ER)



Symbol	Model	Content
	FDTQ22KXE6F, FDTQ28KXE6F, FDTQ36KXE6F	
A	44.5X(3.67) (Panel)	412.7(11.27) (Panel)
B	46.35(1.174") (Panel)	
C	Drain piping	VP-25 (Q.D.32)
D	Hole for wiring	4.30
E	Suspension bolts	M10
F1, F2	Drain 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



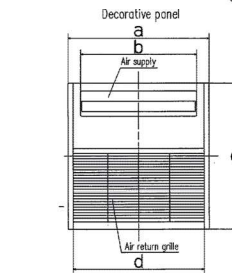
Make a space of 3000 or more between the units when installing more than one.

## Specifications

Item	Model	FDTQ22KXE6F				FDTQ28KXE6F				FDTQ36KXE6F			
		Direct blow panel		Duct panel		Direct blow panel		Duct panel		Direct blow panel		Duct panel	
Panel Name		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				4.0			
Nominal heating capacity	kW	2.5		3.2		4.0				4.0			
Power source		1 Phase 220-240V, 50Hz											
Power consumption	Cooling	0.05-0.07		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				0.05-0.07			
Sound power level	dB(A)	60											
Sound pressure level	dB(A)	Hi:41 Me:38 Lo:33	Hi:41 Me:38 Lo:33	Hi:41 Me:38 Lo:33	Hi:41 Me:38 Lo:33	Hi:41 Me:38 Lo:33	Hi:41 Me:38 Lo:33	Hi:41 Me:38 Lo:33	Hi:41 Me:38 Lo:33	Hi:41 Me:38 Lo:33	Hi:41 Me:38 Lo:33	Hi:41 Me:38 Lo:33	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
	Unit:23 Panel:2.3	Unit:23 Panel:3	Unit:23 Panel:2.3	Unit:23 Panel:3	Unit:23 Panel:2.3	Unit:23 Panel:3	Unit:23 Panel:2.3	Unit:23 Panel:3	Unit:23 Panel:2.3	Unit:23 Panel:3	Unit:23 Panel:2.3	Unit:23 Panel:3	Unit:23 Panel:2.3
Net weight	kg	Unit:23 Panel:2.3		Unit:23 Panel:3		Unit:23 Panel:2.3		Unit:23 Panel:3		Unit:23 Panel:2.3		Unit:23 Panel:3	
Air flow <sup>1)</sup>	m <sup>3</sup> /min	Hi:7 Me:6 Lo:5	Hi:7 Me:6 Lo:5	Hi:7 Me:6 Lo:5	Hi:7 Me:6 Lo:5	Hi:7 Me:6 Lo:5	Hi:7 Me:6 Lo:5	Hi:7 Me:6 Lo:5	Hi:7 Me:6 Lo:5	Hi:7 Me:6 Lo:5	Hi:7 Me:6 Lo:5	Hi:7 Me:6 Lo:5	Hi:7 Me:6 Lo:5
Outside air intake		Possible											
Air filter, Q'ty		Pocket Plastic net x1 (Washable)											
Remote control(option)		wired:RC-EX3, RC-E5, RCH-E3 wireless:RCN-KIT4-E2											
Installation data		Liquid line:φ6.35(1/4")				Liquid line:φ6.35(1/4")				Liquid line:φ6.35(1/4")			
Refrigerant piping size	mm(in)	Gas line:φ9.52(3/8")				Gas line:φ9.52(3/8")				Gas line:φ12.7(1/2")			

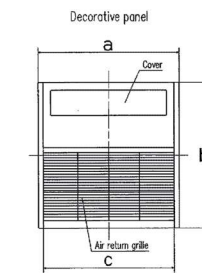
1. The data are measured under the following conditions: (ISO-11). Cooling: Indoor temp. of 27°CDB, 19°CWB, and outdoor temp. of 35°CDB. Heating: Indoor temp. of 20°CDB, and outdoor temp. of 7°CDB, 6°CWB. 2. Sound pressure level indicates the value in an anechoic chamber. During operation these values are somewhat higher due to ambient conditions.

3. Power/FtH can be selected. Sound pressure level: FDTQ22/36/36 45dB(A). Air flow: FDTQ22/36/36 8m<sup>3</sup>/min.



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

