Duct Connected (Compact & Flexible) FDUH

Remote control (option)

Wired

RC-EX3D   RC-E5   RCH-E3

Wireless

RCN-KIT4-E2

Model No.
FDUH22KXE6F
FDUH28KXE6F
FDUH36KXE6F

Filter kit (option)
UH-FL1E

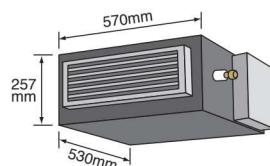＊Filter pressure loss:5pa

Drain up kit (option)
(600mm)
UH-DU-E

Compact and thin size, light weight

Our leading high technology has created the best solution for air conditioning in hotels. The compact and thin sized units don't compromise on high energy efficiency all while weighing in at only 20kg.

The lowest sound level in the industry can ensure comfortable stay and rest in hotels.

570mm
257 mm
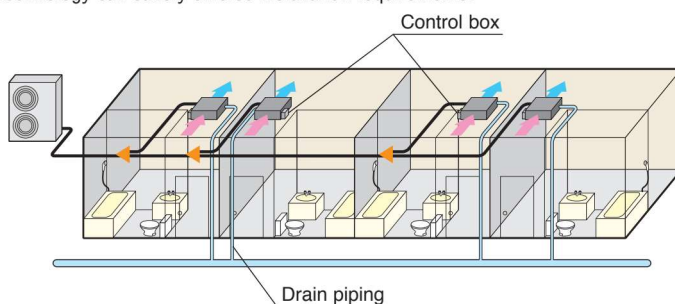530mm

Motion Sensor   (Option)

Motion sensor is equipped in the ceiling plane or wall plane and detects the presence/absence and activity of humans in a room to improve the comfort and energy saving performance of the unit.

LB-KIT2

Installation Flexibility

Control box and drain piping can be installed on both side of the unit and air intake to the unit is available from bottom or back side. Our highest technology can satisfy diverse installation requirements.

Control box

Drain piping

Wired remote control

Simple remote control

Designed specially for hotel rooms, control buttons are limited only to the minimum required functions such as ON/OFF, mode, temperature setting and fan speed. It is really simple and easy to use.
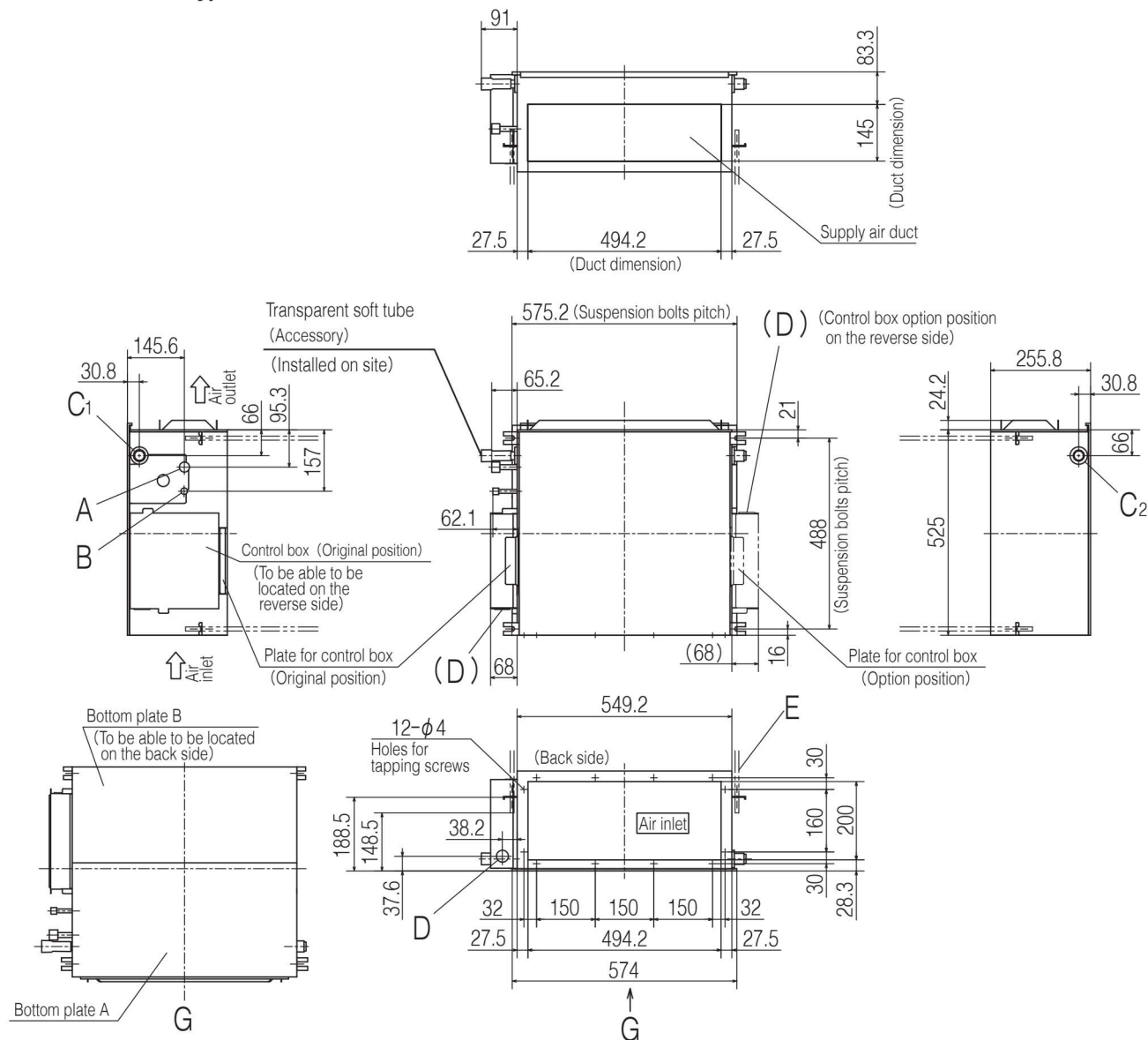
RCH-E3
(option)

Specifications

Item	Model		FDUH22KXE6F	FDUH28KXE6F	FDUH36KXE6F
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	kW	0.05-0.07		
	Heating		0.05-0.07		
Sound power level	dB(A)		60		
Sound pressure level	dB(A)		P-Hi:39 Hi: 33 Me: 30 Lo: 27		
Exterior dimensions HxWxD	mm		257x570x530		
Net weight	kg		20		
Air flow	m³/min		P-Hi:8.5 Hi: 7 Me: 6.5 Lo: 6		
External static pressure	Pa		30		
Outside air intake			Not possible		
Air filter			Filter kit:UH-FL1E(option)		
Remote control(option)			wired:RC-EX3D, RC-E5, RCH-E3 wireless:RCN-KIT4-E2		
Installation data Refrigerant piping size	mm(in)		Liquid line:ø6.35(1/4")		Liquid line:ø6.35(1/4")
			Gas line:ø9.52(3/8")		Gas line:ø12.7(1/2")

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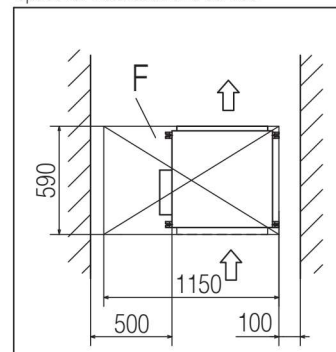
Dimensions

All measurements in mm.

Rear air return type

Symbol	Content		
	Model	22,28	36
A	Gas piping	$\phi 9.52\,(3/8")$ (Flare)	$\phi 12.7\,(1/2")$ (Flare)
B	Liquid piping	$\phi 6.35\,(1/4")$ (Flare)	
C₁	Drain piping	VP20 (I.D.20,O.D.26) Note (2)	
C₂	Drain piping	To be used instead of "C₁"	
D	Hole for wiring	$\phi 30$	
E	Suspension bolts	(M10)	
F	Inspection hole	(590 × 1150) Note (3)	

Notes
(1) The model name label is attached on the fan cose inside the air return grille.
(2) Prepare the connecting socket (VP20) on site.
   (As for drain piping, it is possible to choose C₁ or C₂)
(3) When control box is located on the reverse side, Installation space should be modified new location.

Space for installation and service

Dimensions

All measurements in mm.

Bottom suction type

Symbol	Content		
	Model	22,28	36
A	Gas piping	ϕ9.52 (3／8") (Flare)	ϕ12.7 (1／2") (Flare)
B	Liquid piping	ϕ6.35 (1／4") (Flare)	
C$_1$	Drain piping	VP20 (I.D.20,O.D.26) Note (2)	
C$_2$	Drain piping	To be used instead of "C$_1$"	
D	Hole for wiring	ϕ30	
E	Suspension bolts	(M10)	
F	Inspection hole	(555 × 1150) Note (3)	

Notes

(1) The model name label is attached on the fan cose inside the air return grille.
(2) Prepare the connecting socket (VP20) on site.
(As for drain piping, it is possible to choose C$_1$ or C$_2$)
(3) When control box is located on the reverse side, Installation space should be modified new location.

Space for installation and service

Supply air duct
(Duct dimension)

Transparent soft tube
(Accessory)
(Installed on site)

Plate for control box
(Original position)

Control box (Original position)
(To be able to be located on the reverse side)

(D) (Control box option position on the reverse side)

Plate for control box
(Option position)

Holes for tapping screws

Bottom plate A

(After bottom plate B is replaced to back side)

Bottom plate B
is located on the Back side
from original position