

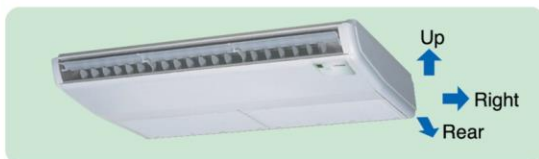
CEILING SUSPENDED FDE



IMPROVED INSTALLATION WORKABILITY

Increased freedom of a piping layout.

The refrigerant pipe from the unit can be arranged in three directions, rear, right and up. The drain pipe can be arranged in two directions, left and right. This will allow a free layout of piping for various installation conditions. The unit can only be serviced from the bottom.



COMPACT AND MODERN DESIGN

All models fit compactly on ceiling. (Height-210mm or 250mm). Plain, modern design featuring rounded edges gives room a comfortable atmosphere. FDE50CNVX-S weights 32kg the lightest level in the industry. Convenient and quick installation.

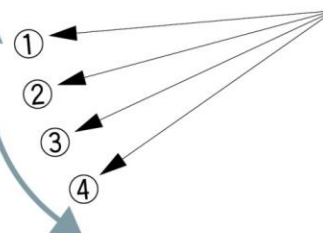


FLAP CONTROL SYSTEM

Selected upper position

Max swing range

Selected lower position



The flap can swing within the range of upper and lower flap position selected.

• The wireless remote control is not applicable to the flap control system.



FDC50CNVX-S



FDC71CNVX-S



FDC100CNV-S
FDC100/125CSV-S



FDE50/71CNVX-S
FDE100CNV-S
FDE100/125/140CSV-S



FDC140CSV-S

REMOTE
CONTROL

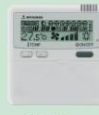
Wireless (Standard)



Wired (option)



RC-EX3A



RC-E5



RCH-E3

SPECIFICATIONS

		FDE SERIES					
		HI - COP		STANDARD			
Indoor unit		FDE50CNVX-S	FDE71CNVX-S	FDE100CNV-S	FDE100CSV-S	FDE125CSV-S	FDE140CSV-S
Outdoor unit		FDC50CNVX-S	FDC71CNVX-S	FDC100CNV-S	FDC100CSV-S	FDC125CSV-S	FDC140CSV-S
Power source		1 Phase, 220-240V, 50Hz	1 Phase, 220-240V, 50Hz	1 Phase, 220-240V, 50Hz	3 Phase, 380-415V, 50Hz	3 Phase, 380-415V, 50Hz	3 Phase, 380-415V, 50Hz
Capacity	kW	5.4	7.1	10.5	10.4	12.5	14.5
Power consumption	kW	1.44	1.91	2.91	2.88	4.16	4.50
COP	W/W	3.75	3.72	3.61	3.61	3.00	3.22
Inrush current / Max. current	A	32.0 / 8.2	41.5 / 10.7	59.8 / 17.5	16.1 / 4.0	44.0 / 9.7	48.9 / 11.0
Indoor unit	Airflow rate (Hi/Me/Lo)	m ³ /min	20 / 16.5 / 13	23 / 18 / 13	35 / 26 / 17	35 / 26 / 17	35 / 29 / 18
	Sound pressure level (Hi/Me/Lo)	dB(A)	43 / 39 / 34	48 / 42 / 35	47 / 41 / 34	47 / 41 / 34	48 / 43 / 35
	Exterior dimensions (HxWxD)	mm	210 x 1320 x 690	210 x 1320 x 690	250 x 1620 x 690	250 x 1620 x 690	250 x 1620 x 690
	Net weight	kg	32	32	42	42	42
Outdoor unit	Airflow rate	m ³ /min	38	60	75	75	132
	Sound pressure level	dB(A)	51	55	55	57	59
	Exterior dimensions (HxWxD)	mm	640 x 800 (+71) x 290	750 x 880 (+88) x 340	845 x 970 x 370	845 x 970 x 370	845 x 970 x 370
	Net weight	kg	45	58	77.5	79	85
Refrigerant type	type	R410A	R410A	R410A	R410A	R410A	R410A
	charge amount	kg (m)	1.40 (15m)	1.50 (15m)	2.40 (30m)	2.65 (30m)	3.10 (30m)
Piping size (Liquid/Gas)	mm	φ6.35 / φ15.88	φ6.35 / φ15.88	φ9.52 / φ15.88	φ9.52 / φ15.88	φ9.52 / φ15.88	φ9.52 / φ15.88
Refrigerant line (one way) length	m	30	30	50	50	50	50
Vertical height differences	Outdoor is higher / lower	m	Max.10 / Max.10	Max.10 / Max.10	Max.30 / Max.15	Max.30 / Max.15	Max.30 / Max.15
Outdoor operating temperature range	°C	21-43	21-43	21-43	21-43	21-43	21-43