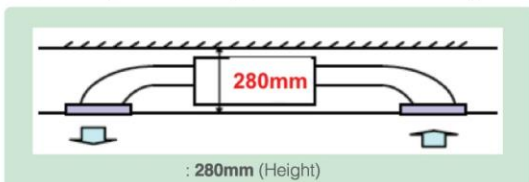


DUCT CONNECTED FDUM

-MIDDLE STATIC PRESSURE-



- Indoor height is thin easy to install at narrow ceiling



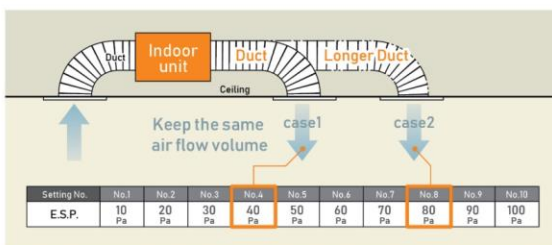
Automatic External Static Pressure (E.S.P.) Control

Duct design was simplified. Using DC motor, the most optimum air flow volume can be achieved by this automatic control. Indoor unit will recognize external static pressure by itself automatically and keep rated air flow volume.

RC-E5

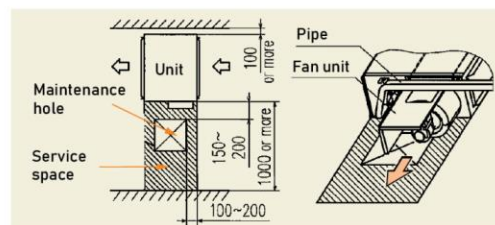
E.S.P. button

External Static Pressure (E.S.P.) can be set by E.S.P. button.



Improvement of the Serviceability

Fan unit (impeller and motor) can be pulled out from the right side of the unit. Maintenance can be available from the right side or the bottom side.



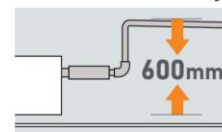
Transparent Inspection Window

Dirt condition of the bottom of a drain pan can be checked through this transparent inspection window without removing drain pan.



Enhanced Installation Workability

600mm Drain Pump is mounted in all models. The indoor unit is completely hidden in the ceiling, so this is suitable for spaces with classy interior decoration.





FDC50/71CNV-S



FDC100CNV-S
FDC100/125CSV-S



FDC140CSV-S



FDUM50/71/100CNV-S
FDUM100/125/140CSV-S

FILTER KIT (OPTION)

UM-FL1EF : for 50, 71
UM-FL2EF : for 100, 125
UM-FL3EF : for 140



external static pressure loss:5Pa

REMOTE CONTROL

Wireless (option)



RCN-KIT4-E2

Wired (option)



RC-EX3A



RC-E5



RCH-E3

SPECIFICATIONS

SPECIFICATIONS		FDUM SERIES						
		STANDARD						
Indoor unit		FDUM50CNV-S	FDUM71CNV-S	FDUM100CNV-S	FDUM100CSV-S	FDUM125CSV-S	FDUM140CSV-S	
Outdoor unit		FDC50CNV-S	FDC71CNV-S	FDC100CNV-S	FDC100CSV-S	FDC125CSV-S	FDC140CSV-S	
Power source		1 Phase, 220~240V, 50Hz		1 Phase, 220~240V, 50Hz	3 Phase, 380~415V, 50Hz		3 Phase, 380~415V, 50Hz	
Capacity	kW	5.0	7.1	10.5	10.4	13.0	14.5	
Power consumption	kW	1.613	2.29	3.03	3.10	4.46	4.70	
COP	W/W	3.10	3.10	3.47	3.35	2.91	3.09	
Inrush current / Max. current		A	32.0 / 8.2	42.0 / 13.0	60.5 / 18.3	15.5 / 6.2	44.7 / 10.2	
Indoor unit	Airflow rate (P/H/L/Me/Lo)	m ³ /min	13 / 10 / 9 / 8	24 / 19 / 15 / 10	39 / 32 / 26 / 20	39 / 32 / 26 / 20	48 / 35 / 28 / 22	48 / 35 / 28 / 22
	Sound pressure level (P/H/L/Me/Lo)	dB(A)	35 / 31 / 29 / 27	38 / 33 / 31 / 29	42 / 36 / 32 / 29	42 / 36 / 32 / 29	44 / 37 / 33 / 29	44 / 37 / 33 / 29
	Exterior dimensions (HxWxD)	mm	280 x 750 x 635	280 x 950 x 635	280 x 1370 x 740	280 x 1370 x 740	280 x 1370 x 740	280 x 1370 x 740
	Net weight	kg	29	34	53	53	53	53
Outdoor unit	Airflow rate	m ³ /min	38	37	75	75	75	132
	Sound pressure level	dB(A)	51	56	55	57	58	59
	Exterior dimensions (HxWxD)	mm	640 x 800(+71) x 290	640 x 800(+71) x 290	845 x 970 x 370	845 x 970 x 370	845 x 970 x 370	1300 x 970 x 370
	Net weight	kg	42	46	77.5	79	85	108
Refrigerant type	type	R410A		R410A	R410A	R410A	R410A	
	charge amount	kg (m)	1.00 (15m)	1.40 (15m)	2.40 (30m)	2.65 (30m)	2.15 (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	
Refrigerant line (one way) length		m	30	30	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	