



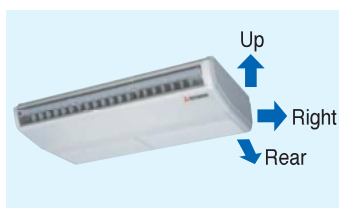
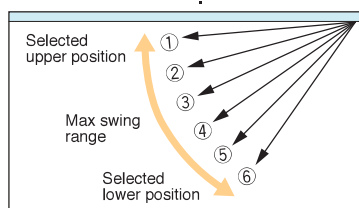
FDE100VG

Standard Inverter Under Ceiling



Flap control system

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



Improved Installation Workability

The refrigerant pipe from the unit can be arranged in three directions, rear, right and up

Wired remote control (option)

Wireless remote control (option)



RC-EX3



RC-E5



RCH-E3



RCN-TC-24W-E2



40~60ZSX



71VNX



100VNP

FUNCTIONS

Energy saving



Air flow



Comfort & Convenience



Others



SPECIFICATIONS

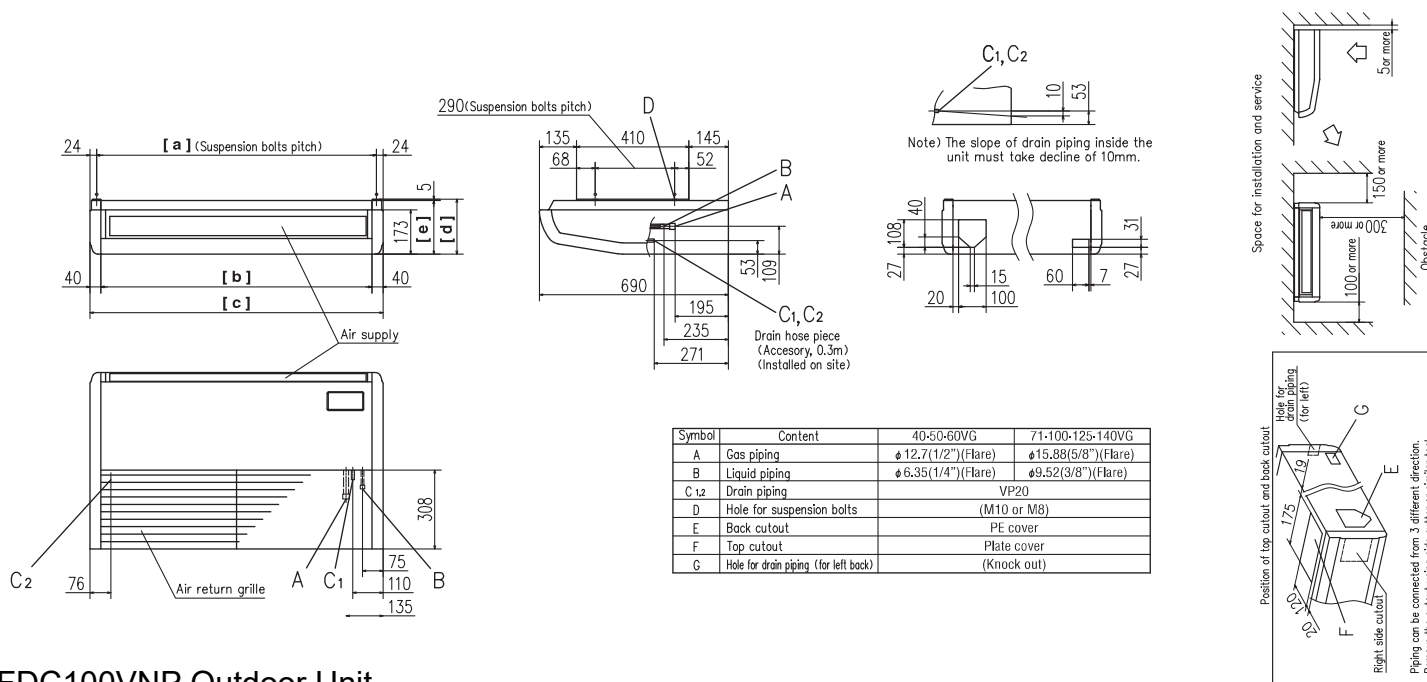
			Micro Inverter		Standard Inverter		
Set model name			FDE200VSADVG	FDE250VSADVG	FDE71VNPVG	FDE90VNPVG	FDE100VNP1VG
			Double Twin				
Indoor unit			FDE50VG	FDE60VG	FDE71VG	FDE100VG	FDE100VG
Outdoor unit			FDC200VSA	FDC250VSA	FDC71VNP	FDC90VNP	FDC100VNP
Power source			3 Phase 380-415V, 50Hz / 380V, 60Hz		1 Phase 220-240V, 50Hz / 220V, 60Hz		
Nominal cooling capacity (Min~Max)			kW 19.0 (5.2 ~ 22.4)	kW 24.0 (6.9 ~ 28.0)	kW 7.1 (1.4 ~ 7.1)	kW 9.0 (1.9 ~ 9.0)	kW 10.0 (2.8 ~ 11.2)
Nominal heating capacity (Min~Max)			kW 22.4 (3.3 ~ 25.0)	kW 27.0 (5.5 ~ 31.5)	kW 7.1 (1.0 ~ 7.1)	kW 9.0 (1.5 ~ 9.0)	kW 11.2 (2.5 ~ 12.5)
Power consumption			Cooling/Heating kW 6.90 / 7.10	Cooling/Heating kW 8.00 / 7.02	Cooling/Heating kW 2.50 / 1.96	Cooling/Heating kW 2.75 / 2.22	Cooling/Heating kW 2.66 / 2.94
EER/COP			Cooling/Heating 2.75 / 3.15	Cooling/Heating 3.00 / 3.85	Cooling/Heating 2.84 / 3.62	Cooling/Heating 3.27 / 4.05	Cooling/Heating 3.76 / 3.81
Inrush current			A 5	A 5	A 5	A 5	A 5
Max. current			A 20	A 21	A 14.5	A 18.0	A 21.0
Sound power level*1	Indoor*2	Cooling/Heating	dB(A) 60 / 60	dB(A) 60 / 60	dB(A) 60 / 60	dB(A) 64 / 64	dB(A) 64 / 64
	Outdoor	Cooling/Heating	dB(A) 72 / 74	dB(A) 73 / 75	dB(A) 67 / 67	dB(A) 69 / 69	dB(A) 70 / 70
Sound pressure level*1 ※2	Indoor*2	Cooling (Hi/Me/Lo)	dB(A) 38 / 36 / 31	dB(A) 41 / 37 / 32	dB(A) 41 / 37 / 32	dB(A) 43 / 38 / 34	dB(A) 43 / 38 / 34
	Indoor*2	Heating (Hi/Me/Lo)	dB(A) 38 / 36 / 31	dB(A) 41 / 37 / 32	dB(A) 41 / 37 / 32	dB(A) 43 / 38 / 34	dB(A) 43 / 38 / 34
Air flow ※2	Indoor*2	Cooling/Heating	m³/min 58 / 59	m³/min 59 / 62	m³/min 54 / 54	m³/min 57 / 55	m³/min 57 / 61
	Indoor*2	Cooling (Hi/Me/Lo)	m³/min 10 / 9 / 7	m³/min 16 / 13 / 10	m³/min 16 / 13 / 10	m³/min 26 / 21 / 16.5	m³/min 26 / 21 / 16.5
Exterior dimensions	Indoor	HeightxWidthxDepth	mm 210 x 1,070 x 690	mm 210 x 1,320 x 690	mm 210 x 1,320 x 690	mm 250 x 1,620 x 690	mm 250 x 1,620 x 690
	Outdoor	HeightxWidthxDepth	mm 1,300 x 970 x 370	mm 1,505 x 970 x 370	mm 640 x 800(+71) x 290	mm 750 x 880(+88) x 340	mm 845 x 970 x 370
Net weight	Indoor		kg 28	kg 33	kg 33	kg 43	kg 43
	Outdoor		kg 115	kg 143	kg 45	kg 57	kg 70
Ref.piping size Liquid/Gas			ømm 9.52(3/8") / 22.22(7/8")	ømm 12.7(1/2") / 22.22(7/8")	ømm 6.35(1/4") / 12.7(1/2")	ømm 6.35(1/4") / 15.88(5/8")	ømm 9.52(3/8") / 15.88(5/8")
Refrigerant line (one way) length			m Max.70	m Max.70	m Max.30	m Max.30	m Max.30
Vertical height differences Outdoor is higher/lower			m Max.30 / Max.15	m Max.30 / Max.15	m Max.20 / Max.15	m Max.20 / Max.15	m Max.20 / Max.15
Outdoor operating temperature range			°C Cooling -15~50*3	°C Cooling -15~50*3	°C Cooling -15~50*3	°C Cooling -15~46*3	°C Cooling -15~46*3
Air filter, Q'ty			Heating -15~20	Heating -15~20	Heating -15~20	Heating -15~20	Heating -15~20
Remote control (option)			wired:RC-EX3, RC-E5, RCH-E3 wireless:RCN-E-E2		wired:RC-EX3, RC-E5, RCH-E3 wireless:RCN-E-E2		



FDE100VG

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FDE100VG Indoor Unit



FDC100VNP Outdoor Unit

