



MITSUBISHI HEAVY INDUSTRIES



INVERTER DUCT CONNECTED



FDUM & FDU (2.0HP - 10.0HP)

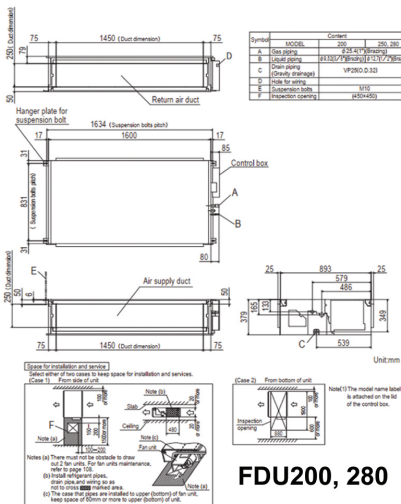
High Performance Air-Conditioning



SPECIFICATIONS

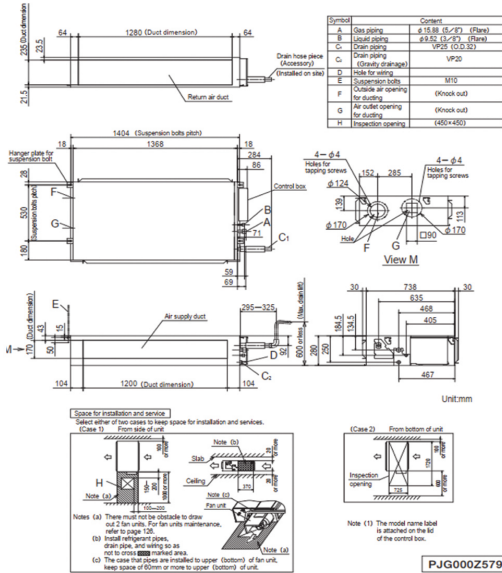
INDOOR UNIT MODEL NAME			FDUM50YA-W7	FDUM60YA-W7	FDUM71YA-W7	FDU100YA-W7	FDU125YA-W7	FDU140YA-W7	FDU200VH	FDU280VH
OUTDOOR UNIT MODEL NAME			FDC50YNA-W7	FDC60YNA-W7	FDC71YNA-W7	FDC100YNA-W7	FDC125YNA-W7	FDC140YNA-W7	FDC200YSA-W	FDC280YSA-W
COOLING CAPACITY		HP	2.0	2.5	3.0	4.0	5.0	6.0	8.0	10.0
NOMINAL COOLING CAPACITY (RANGE)		KW	5.3 (1.6 - 5.7)	6.10 (1.6 - 6.5)	7.1 (1.3 - 7.7)	10.5 (2.0 - 11.5)	12.0 (3.1 - 12.0)	14.0 (3.2 - 16.0)	20.0 (7.2 - 22.4)	27.0 (6.9 - 31.5)
COEFFICIENT OF PERFORMANCE (COP)			3.33	3.45	3.23	3.39	3.14	3.11	3.25	2.95
ENERGY EFFICIENCY RATIO (EER)		BTU/W.HR	11.36	11.77	11.02	11.57	10.71	10.61	11.09	10.07
POWER CONSUMPTION		KW	1.59	1.77	2.20	3.1	3.82	4.5	6.15	9.15
RUNNING CURRENT (MAX CURRENT)		A	7.3 (13.0)	8.1 (13.0)	10.1 (13.8)	14.1 (17.0)	17.4 (20.0)	20.6 (27.0)	10.3 (23)	14.9 (25)
POWER SOURCE			1 Phase, 220 - 240V, 60Hz						3 Phase, 380 - 415V, 60Hz	
AIR FLOW	INDOOR UNIT (ULTRA HI / HI / ME / LO)	CMM	13 / 10 / 9 / 8	20 / 15 / 13 / 10	24 / 19 / 15 / 10	36 / 28 / 25 / 19	39 / 32 / 26 / 20	48 / 35 / 28 / 22	80 / 72 / 64 / 56	80 / 72 / 64 / 56
	OUTDOOR UNIT		32.5	34.5	30.0	58.4	79.0	75.0	148	136
AVAILABLE EXTERNAL STATIC PRESSURE		Pa	MAX. 100	MAX. 100	MAX. 100	MAX. 200	MAX. 200	MAX. 200	MAX. 200	MAX. 200
SOUND PRESSURE LEVEL	INDOOR UNIT (ULTRA HI / HI / ME / LO)	dB (A)	32 / 26 / 25 / 23	33 / 27 / 26 / 23	38 / 33 / 29 / 25	39 / 35 / 33 / 30	39 / 34 / 30 / 28	42 / 35 / 31 / 28	52 / 50 / 47 / 45	52 / 50 / 47 / 45
	OUTDOOR UNIT		52.0	52.0	54.0	57.0	61.0	59.0	58	61
EXTERIOR DIMENSION	INDOOR UNIT (HEIGHT x WIDTH x DEPTH)	mm	280 x 750 x 635	280 x 950 x 635	280 x 950 x 635	280 x 1370 x 740	280 x 1370 x 740	280 x 1370 x 740	379 x 1600 x 893	379 x 1600 x 893
	OUTDOOR UNIT (HEIGHT x WIDTH x DEPTH)		595 x 780 (+62) x 290	595 x 780 (+62) x 290	640 x 800 (+71) x 290	750 x 880 (+88) x 340	845 x 970 x 370	845 x 970 x 370	1505 x 970 x 370	1505 x 970 x 370
NET WEIGHT	INDOOR UNIT	kg	29.0	34.0	34.0	54.0	54.0	54.0	88	88
	OUTDOOR UNIT		32.0	32.0	37.0	51.0	67.5	68.0	144	155
REFRIGERANT PIPE SIZE (O.D.) LIQUID LINE / GAS LINE		mm (in.)	6.35 (1/4"), 12.7 (1/2")	6.35 (1/4"), 12.7 (1/2")	6.35 (1/4"), 12.7 (1/2")	6.35 (1/4"), 15.88 (5/8")	9.52 (3/8"), 15.88 (5/8")	9.52 (3/8"), 15.88 (5/8")	9.52 (3/8"), 22.22 (7/8")	12.7 (1/2"), 22.22 (7/8")
PRE-CHARGE REFRIGERANT AMOUNT, PRE-CHARGE LENGTH			0.83kg, 15m	0.83kg, 15m	1.05kg, 10m	1.55kg, 15m	1.70kg, 30m	1.70kg, 30m	4.3kg, 30m	5.6kg, 30m
REFRIGERANT PIPE LENGTH (ONE WAY)		m	MAX. 25	MAX. 25	MAX. 30	MAX. 50	MAX. 50	MAX. 50	MAX. 70	MAX. 60
VERTICAL HEIGHT DIFFERENCES (OUTDOOR IS HIGHER / LOWER)		m	MAX. 15 / MAX. 15	MAX. 15 / MAX. 15	MAX. 20 / MAX. 20	MAX. 20 / MAX. 20	MAX. 20 / MAX. 20	MAX. 50 / MAX. 15	MAX. 50 / MAX. 15	MAX. 50 / MAX. 15
STANDARD ACCESSORIES			WIRED REMOTE CONTROL & BUILT-IN DRAIN PUMP						WIRED REMOTE CONTROLLER	

OUTLINE DRAWING (Unit:mm)



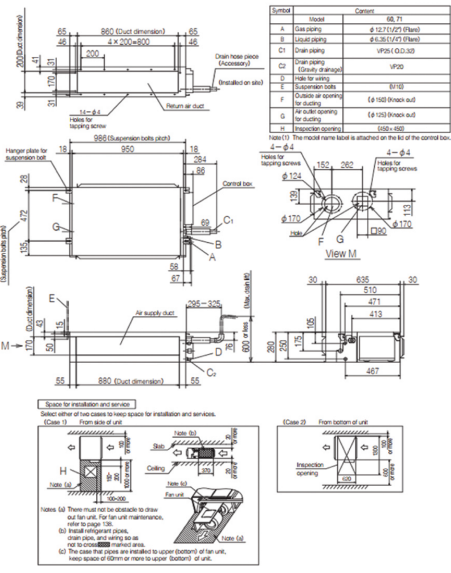
FDU200, 280

FDU100,125,140

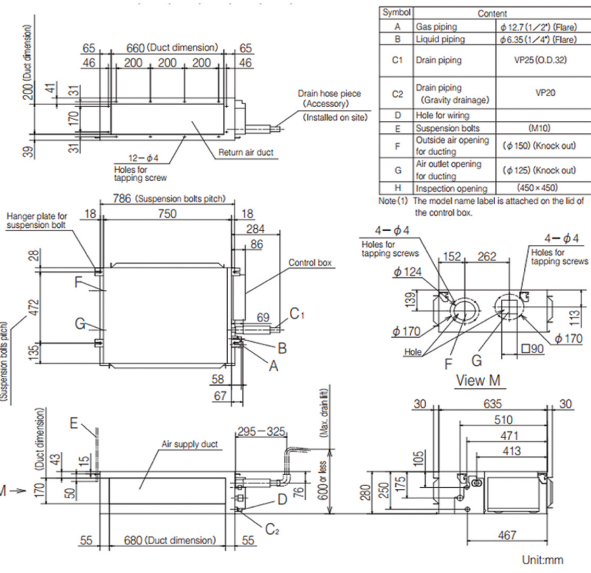


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FDUM60, 71



FDUM50



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Because of our policy of continuous improvement, we reserve right to make changes in all specifications without notice.