

DIGICOM

NON-INVERTER AIR CONDITIONER SPECIFICATIONS

Model		DG-1210IV//MD	DG-1810IV//MD	DG-2410IV//MD
TON		1 TON	1.5 TON	2 TON
Power supply		Ph-V-Hz 220-240V- 50Hz, 1Ph	220-240V- 50Hz, 1Ph	220-240V- 50Hz, 1Ph
Cooling	Capacity	Btu/h 12000	18000	24000
	Input	W 1095	1643	2503
	Rated current	A 4.8	7.1	10.9
	EER	W/W 3.21	3.21	2.81
Heating	Capacity	Btu/h 13000	19000	25000
	Input	W 1055	1542	2280
	Rated current	A 4.6	4.2	9.9
	COP	W/W 3.61	3.61	3.21
Max. input consumption		W 1650	2200	4000
Max. current		A 8.0	12	20
Starting current		A /	/	/
Compressor	Model	ASM140V1VFT	ASL211SV-C7LU1	PA280G2CS-4MTL
	Type	ROTARY	ROTARY	ROTARY
	Brand	GMCC	HITACHI	GMCC
	Input	W 955/995	1750/-	1910/1990
	Rated current(RLA)	A 4.35/4.2	4.75	8.8/8.05
	Locked rotor Amp(LRA)	A 25	54.5	54.5
	Thermal protector	/	/	/
	Thermal protector position	INTERNAL	INTERNAL	INTERNAL
	Capacitor	uF 35	50	60
Refrigerant oil/oil charge	ml	ESTER OIL VG74/350	ESTER OIL VG74/350	ESTER OIL VG74/850
Indoor fan motor	Model	YKFG-13-4-38L / RPG13H	YKFG-25-4-6 / RPG25	YKFG-45-4-22 / RPG45C
	Input	W 40	62	45
	Capacitor	uF 1.2	1.5	3.0
	Speed(Hi/Mi/Lo)	r/min 1150/950/800	1180/1000/850	1200/1000/850
Indoor coil	a.Number of rows	2	2	2
	b.Tube pitch(a)x row pitch(b)	mm 19.5x11.6	21x13.37	21x13.37
	c.Fin spacing	mm 1.2	1.2	1.2
	d.Fin type (code)	Hydrophilic aluminium	Hydrophilic aluminium	Hydrophilic aluminium
	e.Tube outside dia.and type	mm Φ 5,innergroove tube	Φ 7,innergroove tube	Φ 7,innergroove tube
	f.Coil length x height x width	mm 595x273x23.2	750x294x26.74	780x315x26.74
	g.Number of circuits	4	3	4
Indoor air flow (Hi/Mi/Lo)		m3/h 568/440/352	820/665/543	1000/796/640
Indoor noise level (Hi/Mi/Lo)		dB(A) 41/36/31	43/38/33	47/40/34
Indoor unit	Dimension(W*D*H)	mm 805x194x285	957x213x302	1040x220x327
	Packing (W*D*H)	mm 870x270x360	1035x295x380	1120x310x405
	Net/Gross weight	Kg 7.7/10.0	10.2/13.3	12.7/16.4
Outdoor fan motor	Model	YKT-32-6-203L	YKT-48-6-206	YKT-75-6-200L
	Input	W 72.5	93	75
	Capacitor	uF 2.5	3	3
	Speed	r/min 850/770	850/770	850/770
Outdoor coil	a.Number of rows	1	2	2
	b.Tube pitch(a)x row pitch(b)	mm 21x22	21x13.37	21x13.37
	c.Fin spacing	mm 1.2	1.4	1.4
	d.Fin type (code)	Hydrophilic aluminium	Hydrophilic aluminium	Hydrophilic aluminium
	e.Tube outside dia.and type	mm Φ 7,innergroove tube	Φ 7,innergroove tube	Φ 7,innergroove tube
	f.Coil length x height x width	mm 744x504x22	755x504x26.74	760x630x26.74
	g.Number of circuits	2	4	6
Outdoor noise level		dB(A) 56	56	60
Outdoor unit	Dimension(W*D*H)	mm 770x300x555	770x300x555	845x363x702
	Packing (W*D*H)	mm 900x345x585	900x345x585	965x395x755
	Net/Gross weight	Kg 30/32.3	35.8/38.2	48.8/52
Refrigerant type		g R410A/740g	R410A/1150g	R410A/1750g
Design pressure		MPa 4.2/1.5	4.2/1.5	4.2/1.5
Refrigerant piping	Liquid side/ Gas side	mm(inch) Φ 6.35/ Φ 12.7(1/4"/1/2")	Φ 6.35/ Φ 12.7(1/4"/1/2")	Φ 9.52/ Φ 16(3/8"/5/8")
	Max. refrigerant pipe length	m 20	25	25
	Max. difference in level	m 8	10	10
Connection wiring		3x1.5+2x0.75(Optional)	3x1.5+2x0.75(Optional)	4x1.5(Optional)
Plug type		3x1.5 / VDE	3x1.5	3x2.5
Thermostat type		Remote Control	Remote Control	Remote Control
Operation temperature		℃ 17-30	17-30	17-30
Room temperature	Indoor(cooling/ heating)	℃ 17-32/0-30	17-32/0-30	17-32/0-30
	Outdoor(cooling/heating)	℃ 18-43/-7-24	18-43/-7-24	18-43/-7-24
Application area (Cooling Standard)		m2 16-22	24-35	32-47