

### DC INVERTER SERIES TECHNICAL SPECS

Model		12000BTU	18000BTU	24000BTU
Type		Heating pump	Heating pump	Heating pump
Control type		Remote	Remote	Remote
Power supply		1Ph-220-240V~50Hz	1Ph-220-240V~50Hz	1Ph-220-240V~50Hz
Voltage Range		V	165~265	165~265
Cooling	Capacity	Btu/h	11600(3412~13000)	17950(4095~18425)
	Capacity	W	3400(1000~3810)	5261(1200~5400)
	Rated power Input	W	1095(320~1600)	1735(300~2500)
	Rated current	A	5.1(1.8~8.0)	7.9(1.4~12)
	EER	W/W	3.11	3.03
	Max power Input	W	1600	2500
	Max current	A	8	12
Heating	Capacity	Btu/h	11771(3480~13500)	17060(4095~19110)
	Capacity	W	3450(1020~3960)	5000(1200~5600)
	Rated power Input	W	1013(320~1500)	1465(300~2500)
	Rated current	A	4.7(1.8~8.5)	6.6(1.4~12)
	COP	W/W	3.41	3.41
	Max power Input	W	1500	2500
	Max current	A	8.5	12
Moisture removal	Liters/h	1.2	1.8	2.4
Indoor noise level	dB(A)	37	45	50
Outdoor noise level	dB(A)	49	55	56
Refrigerant		R410A	R410A	R410A
Compressor	Model	KSK103033UEZC3	KSN140D33UFZ3	C-6RZ146H3DBF
	Type	Rotary	Rotary	Rotary
	Brand	GMCC	GMCC	SANYO
Expansion device		Capillary tube	Capillary tube	Capillary tube
Indoor coil	a.Number of rows		1	2
	b.Tube pitch(a)x row pitch(b)	mm	21×18.2	21×12.7
	c.Fin spacing	mm	1.3	1.4
	e.Tube outside dia.and type	mm	Φ7,innergroove tube	Φ7,innergroove
	f.Number of circuits		2 in 2 out	3 in 3 out
	Indoor air flow (Hi/Mi/Li)	m <sup>3</sup> /h	560	820
Outdoor coil	a.Number of rows		1	2
	b.Tube pitch(a)x row pitch(b)	mm	21×18.2	25.4×19.05
	c.Fin spacing	mm	1.3	1.2
	e.Tube outside dia.and type	mm	Φ7,innergroove tube	Φ9.52,innergroove
	f.Number of circuits		2 in 1 out	1 in 1 out
	Indoor unit	Dimension(W*D*H)	mm	777×250×201
Packing (W*D*H)		mm	850×320×275	979×372×277
Net/Gross weight		Kg	8/10	10.5/13.5
Outdoor unit	Dimension(W*D*H)	mm	712×276×459	863×349×602
	Packing (W*D*H)	mm	765×310×481	890×385×628
	Net/Gross weight	Kg	26/29	31/38
Refrigerant piping	Liquid side/ Gas side	mm(inch)	Φ9.52(3/8" )/Φ6(1/4")	Φ6(1/4" )/Φ9.52(3/8")
	Max. refrigerant pipe length	m	15	15
	Max. difference in level	m	5	5
Pressure	High(DP)	MPa	4.5	4.5
	Low(SP)	MPa	1.9	1.9
Ambient temperature		°C	-15~50	-15~50
Suitable area		m <sup>2</sup>	15~23	20~35
Connecting Wiring	Size x Core number		4×1.0	3×1.5
	Power supply cord		1.0mm2 H05VV-F	0.75mm2 H05RN-F