

Model		MSG-12HR	
Power supply		Ph-V-Hz	1, 220-230V~, 60Hz
Cooling	Capacity	Btu/h	12000
	Input	W	1330
	Rated current	A	6.1
	EER	Btu/w.h	9.0
Heating	Capacity	Btu/h	14000
	Input	W	1400
	Rated current	A	6.4
	COP	Btu/w.h	10
Moisture Removal		L/h	1.4
Max. input consumption		W	1900
Max. current		A	9.8
Starting current		A	32.1
Compressor	Model		PH195X2C-3FTU1
	Type		ROTARY
	Brand		GD Toshiba
	Capacity	Btu/h	13600
	Input	W	1295
	Rated current(RLA)	A	6.3
	Locked rotor Amp(LRA)	A	32.1
	Thermal protector		Internal
	Capacitor	uF	40uF/440-450V
	Refrigerant oil	ml	480
Indoor fan motor	Model		YDK13G-4B
	Brand		WELLING
	Input	W	31W/1350RPM
	Capacitor	uF	1.5
	Speed(hi/mi/lo)	r/min	1150/1080/1000
Indoor coil	a.Number of rows		2
	b.Tube pitch(a)x row pitch(b)	mm	21x13.37
	c.Fin spacing	mm	1.3
	d.Fin type (code)		Hydrophilic aluminium
	e.Tube outside dia.and type	mm	7,innergroove tube
	f.Coil length x height x width	mm	578X252X26.74
	g.Number of circuits		2
Indoor air flow (Hi/Mi/Lo)		m3/h	550/500/460
Indoor noise level (Hi/Mi/Lo)		dB(A)	41/ 38 /34
Indoor unit	Dimension (W*H*D)	mm	750X250X188
	Packing (W*H*D)	mm	830X336X280
	Net/Gross weight	Kg	8.5/10
Outdoor fan motor	Model		YDK25-6B
	Brand		WELLING
	Input	W	88
	Capacitor	uF	2uF/450V
	Speed	r/min	960
Outdoor coil	a.Number of rows		2
	b.Tube pitch(a)x row pitch(b)	mm	25.4
	c.Fin spacing	mm	1.6
	d.Fin type (code)		Hydrophilic aluminium
	e.Tube outside dia.and type	mm	9.53,innergroove tube
	f.Coil length x height x width	mm	754x508x44
	g.Number of circuits		2
Outdoor air flow		m3/h	1600
Outdoor noise level		dB(A)	56
Outdoor unit	Dimension(W*H*D)	mm	780x540x250
	Packing (W*H*D)	mm	910x575x335
	Net/Gross weight	Kg	36/39
Refrigerant type R22 R22		g	1280
Design pressure		MPa	2.6
Refrigerant piping	Liquid side/ Gas side	mm(inch)	Φ6.35/Φ12.7
	Max. refrigerant pipe length	m	10
	Max. difference in level	m	5
Connection wiring			No
Plug type			16A
Thermostat type			Electronic control
Operation temp			17-30
Ambient temp			-7 - 45
Application area		m2	18-26
Qty'per 20' & 40'Fcl		Pieces	113/238/280
Remark(alternate compressor)			