

DuctlessAire Model DA1221-H2 Specifications

Model		DA1221-H2	
Indoor		DA1221-H2-I	
Outdoor		DA1221-H2-O	
Power supply		Ph-V-Hz	208-230V~60Hz ,1Ph
Cooling	Capacity	Btu/h	12000
	Input	W	923
	Rated current	A	4.05
	EER	Btu/w	13
	SEER	Btu/w	21.5
Heating	Capacity	Btu/h	12000
	Input	W	1085
	Rated current	A	4.72
	COP	W/W	3.24
	HSPF4	Btu/w	9.8
	HSPF5	Btu/w	7.7
MINIMUM CIRCUIT AMPACITY		A	12
MAX.FUSE		A	15
Compressor	Model		ASM98D32UFZ
	Type		ROTARY
	Brand		GMCC
	Capacity	Btu/h	11157
	Input	W	800
	Rated current(RLA)	A	6.8
	Locked rotor Amp(LRA)	A	----
	Thermal protector		----
	Thermal protector position		----
	Refrigerant oil/oil charge	ml	ESTER OIL VG74/370
Indoor fan motor	Model		ZKFP-20-8-6
	Brand		Welling
	Input	W	22
	RLA	A	0.25
	LRA	A	----
	Winding Resistance	Ω	----
	Capacitor	uF	----
	Speed(Hi/Mi/Lo)	r/min	1080/850/650
Indoor air flow (Hi/Mi/Lo)		m3/h	520/360/250
Indoor air flow (Hi/Mi/Lo)		CFM	306/212/147
Indoor noise level (Hi/Mi/Lo)		dB(A)	36.5/30/25
Indoor unit	Dimension(W*D*H)	mm	802x189x297
	Dimension(W*D*H)	inch	31.57x7.44x11.69
	Packing (W*D*H)	mm	875x285x375
	Packing (W*D*H)	inch	34.45x11.22x14.76
	Net/Gross weight	Kg	8.2/10
	Net/Gross weight	lbs.	18.1/22.0
	Model		ZKFN-40-8-1L

Outdoor fan motor	Brand		Welling
	Input	W	63
	RLA	A	0.4
	LRA	A	----
	Winding Resistance	Ω	----
	Capacitor	uF	----
	Speed	r/min	----
Outdoor air flow		m3/h	1900
Outdoor air flow		CFM	1120
Outdoor noise level		dB(A)	57.5
Outdoor unit	Dimension(W*D*H)	mm	800x333x554
	Dimension(W*D*H)	inch	31.50x13.11x21.81
	Packing (W*D*H)	mm	920x390x615
	Packing (W*D*H)	inch	36.22x15.35x24.21
	Net/Gross weight	Kg	37/40
	Net/Gross weight	lbs.	81.6/88.2
Refrigerant type		g	R410A1151g
Refrigerant type		oz	R410A/40.6
Refrigerant precharge		ft	25
Additional charge for each ft		oz	0.161
Design pressure		PSIG	550/340 PSIG
Refrigerant piping	Liquid side/ Gas side	mm(inch)	Φ6.35/Φ12.7(1/4"/1/2")
	Max. refrigerant pipe length	m	25
	Max. refrigerant pipe length	ft	82
	Max. difference in level	m	10
	Max. difference in level	ft	33
Connection wiring			16AWG*4 Stranded, unshielded
Thermostat type			Remote Control
Operation temperature	Indoor(cooling/ heating)	°C	17~32/0~30
	Indoor(cooling/ heating)	°F	62~90/32~86
	Outdoor(cooling/heating)	°C	-25~50/-25~30
	Outdoor(cooling/heating)	°F	-13~122/-13~86
Application area (cooling standard)		m2	16-23.4
Application area (cooling standard)		sq.ft	172-252
Qty'per 20' /40' /40'HQ		set	85/185/215