

DuctlessAire Model DA2421-H2 Specifications

Indoor Model Number		DA2421-H2-I	
Outdoor Model Number		DA2421-H2-O	
Indoor Code		22022011004100	
Outdoor Code		22022016005121	
Power supply		Ph-V-Hz	208-230V~60Hz ,1Ph
Cooling	Capacity	Btu/h	24000
	Input	W	1920
	Rated current	A	8.4
	EER	Btu/w	12.5
	SEER	Btu/w	20.5
Heating	Capacity	Btu/h	25000
	Input	W	2315
	Rated current	A	10.1
	COP	W/W	3.17
	HSPF4	Btu/w	10
	HSPF5	Btu/w	8.3
MINIMUM CIRCUIT AMPACITY		A	18
MAX.FUSE		A	25
Compressor	Model	ATF235D22UMT	
	Type	ROTARY	
	Brand	GMCC	
	Capacity	Btu/h	24344
	Input	W	1970
	Rated current(RLA)	A	12
	Locked rotor Amp(LRA)	A	----
	Thermal protector	----	
	Thermal protector position	----	
	Refrigerant oil/oil charge	ml	ESTER OIL VG74/670
Indoor fan motor	Model	ZKFN-120-8-2	
	Brand	Welling	
	Input	W	150
	RLA	A	0.45
	LRA	A	----
	Winding Resistance	Ω	----
	Capacitor	uF	----
	Speed(Hi/Mi/Lo)	r/min	1100/900/700
Indoor air flow (Hi/Mi/Lo)		m3/h	1050/800/550
Indoor air flow (Hi/Mi/Lo)		CFM	618/471/324
Indoor noise level (Hi/Mi/Lo)		dB(A)	47.5/42/33
Indoor unit	Dimension(W*D*H)	mm	1080x226x335
	Dimension(W*D*H)	inch	42.52x8.90x13.19
	Packing (W*D*H)	mm	1155x415x315
	Packing (W*D*H)	inch	45.47x16.34x12.40
	Net/Gross weight	Kg	13.2/16.8
	Net/Gross weight	lbs.	29.1/37.0

Outdoor fan motor	Model		ZKFN-120-8-2
	Brand		Welling
	Input	W	150
	RLA	A	0.6
	LRA	A	----
	Winding Resistance	Ω	----
	Capacitor	uF	----
	Speed	r/min	----
Outdoor air flow		m3/h	4000
Outdoor air flow		CFM	2355
Outdoor noise level		dB(A)	61
Outdoor unit	Dimension(W*D*H)	mm	946x410x810
	Dimension(W*D*H)	inch	37.24/16.14/31.89
	Packing (W*D*H)	mm	1090x500x875
	Packing (W*D*H)	inch	42.91x19.69x34.45
	Net/Gross weight	Kg	62/66.8
	Net/Gross weight	lbs.	136.69/147.27
Refrigerant type		g	R410A/2350g
Refrigerant type		oz	R410A/82.9
Refrigerant precharge		ft	25
Additional charge for each ft		oz	0.322
Design pressure		PSIG	550/340 PSIG
Refrigerant piping	Liquid side/ Gas side	mm(inch)	Φ9.52/Φ15.9(3/8"/5/8")
	Max. refrigerant pipe length	m	50
	Max. refrigerant pipe length	ft	164
	Max. difference in level	m	25
	Max. difference in level	ft	82
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	30.6-44.9
Application area (cooling standard)		sq.ft	330-484
Qty'per 20' /40' /40'HQ		set	44/96/110