

DuctlessAire Model DA1821-H2 Specifications			
Indoor Model Number		DA1821-H2-I	
Outdoor Model Number		DA1821-H2-O	
Indoor Code		22022011004162	
Outdoor Code		22022016005162	
Power supply		Ph-V-Hz	208-230V~60Hz ,1Ph
Cooling	Capacity	Btu/h	18000
	Input	W	1384
	Rated current	A	6.1
	EER	Btu/w	13
	SEER	Btu/w	20.8
Heating	Capacity	Btu/h	18000
	Input	W	1570
	Rated current	A	6.82
	COP	W/W	3.36
	HSPF4	Btu/w	10
	HSPF5	Btu/w	8
MINIMUM CIRCUIT AMPACITY		A	15
MAX.FUSE		A	20
Compressor	Model		ASM135D23UFZ
	Type		ROTARY
	Brand		GMCC
	Capacity	Btu/h	13836
	Input	W	1035
	Rated current(RLA)	A	10.0
	Locked rotor Amp(LRA)	A	----
	Thermal protector		----
	Thermal protector position		----
	Refrigerant oil/oil charge	ml	ESTER OIL VG74/450
Indoor fan motor	Model		ZKFP-58-8-1
	Brand		Welling
	Input	W	58(Output)
	RLA	A	0.4
	LRA	A	----
	Winding Resistance	Ω	----
	Capacitor	uF	----
	Speed(Hi/Mi/Lo)	r/min	1000/800/700
Indoor air flow (Hi/Mi/Lo)		m3/h	950/620/520
Indoor air flow (Hi/Mi/Lo)		CFM	559/365/306
Indoor noise level (Hi/Mi/Lo)		dB(A)	43/38/32
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-50-8-2
	Brand		Welling
	Input	W	50(Output)
	RLA	A	0.6
	LRA	A	----
	Winding Resistance	Ω	----
	Capacitor	uF	----
	Speed	r/min	----
Outdoor air flow		m3/h	2500
Outdoor air flow		CFM	1470
Outdoor noise level		dB(A)	61
Outdoor unit	Dimension(W*D*H)	mm	845x363x702
	Dimension(W*D*H)	inch	33.27x14.29x27.64
	Packing (W*D*H)	mm	965x395x755
	Packing (W*D*H)	inch	38.00x15.55x29.72
	Net/Gross weight	Kg	45.8/49.1
	Net/Gross weight	lbs.	101.0/108.2
Refrigerant type		g	R410A/1950g
Refrigerant type		oz	R410A/68.8
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	30
	Max. refrigerant pipe length	ft	98
	Max. difference in level	m	20
	Max. difference in level	ft	66
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	23.3-34.2
Application area (cooling standard)		sq.ft	251-368
Qty'per 20' /40' /40'HQ		set	67/138/150