



AIR CONDITIONERS

Multi-Zone System Technical Data

Submittal Data Sheet

Project Name:		Approval:	
Location:		Date:	
Engineer:		Construction:	
Submitted to:		Unit #:	
Submitted by:		Drawing #:	
Reference:			

Outdoor model	OHP14-36-42-23
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PERFORMANCE DATA

Power supply	Ph-V-Hz	208-230V ~ 60Hz , 1Ph
Cooling		
Capacity	Btu/h	37000
Input	W	3600
Rated current	A	15.7
Heating		
Capacity	Btu/h	34000
Input	W	3046
Rated current	A	13.2
COP	W/W	3.56
Electrical		
MINIMUM CIRCUIT AMPACITY	A	30.0
MAX. FUSE	A	45.0
Connection wiring		16*4 AWG
Compressor		
Model		ATF310D43UMT
Type		ROTARY
Brand		GMCC
Capacity	Btu/h	34000
Input	W	2600
Rated current(RLA)	A	22
Locked rotor Amp(LRA)	A	---
Thermal protector		---
Thermal protector position		---
Refrigerant oil/oil charge	ml	VG74/1000
Operation temperature		
Indoor(cooling/ heating)	Deg. F	62~90/32~86
Outdoor(cooling/heating)	Deg. F	-13~122/ -13~86
Application area	sq.ft	517-757

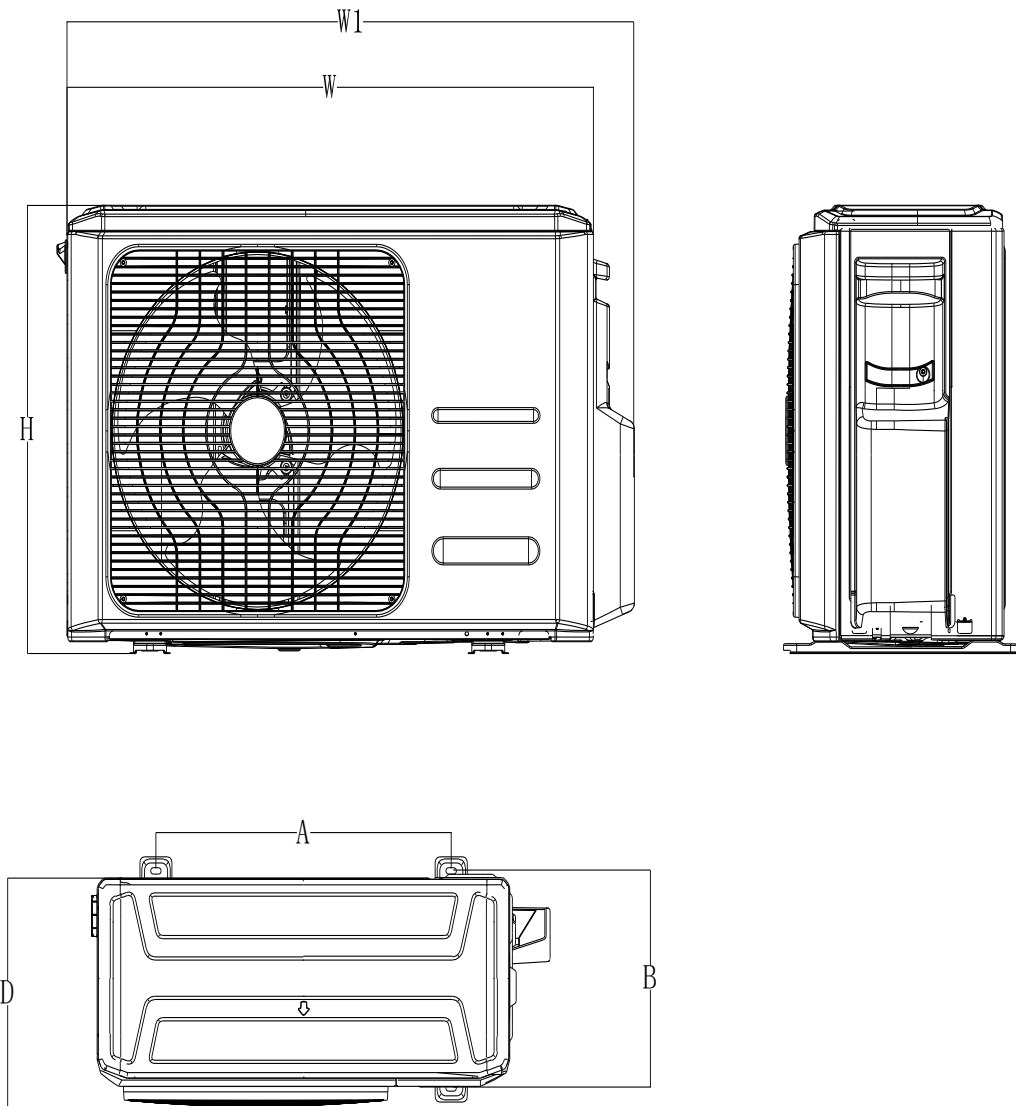
OUTDOOR UNIT DATA

Outdoor fan motor		
Model		ZKFN-120-8-2
Type		DC
Input		150.0
RLA	A	1.39
Speed	r/min	900/750/600
Air flow & Noise level		
Outdoor air flow	CFM	2147.06
Outdoor noise level	dB(A)	62.3
Outdoor unit		
Dimension(W*D*H)	inch	37.24x16.14x31.89
Packing (W*D*H)	inch	42.91x19.69x34.06
Net/Gross weight	lbs.	156.53/167.55

SYSTEM DATA

Design pressure	PSIG	550/340
Refrigerant type	oz	R410A/105.8
Refrigerant precharge	ft	98
Additional charge per ft.	oz	0.16 for 1/4" liquid pipe 0.32 for 3/8" liquid pipe
Liquid side/ Gas side	mm(inch)	4 X Ø6.35/Ø9.52(1/4"/3/8")
Max. length for all rooms	ft	262
Max. length for one indoor unit	ft	115
Max. height difference between indoor and outdoor unit	ft	49
Max. height difference between indoor units	ft	33

OUTDOOR UNIT



Model	W (inch)	D (inch)	H (inch)	W1inch)	A(inch)	B (inch)
OHP14-36-42-23	37.24	16.54	31.89	40.55	26.5	15.9