



AIR CONDITIONERS

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

Outdoor model	OHP14-48-52-23
---------------	----------------

PERFORMANCE DATA

Power supply	Ph-V-Hz	208-230V~60Hz , 1Ph
Cooling		
Capacity	Btu/h	48000
Input	W	4851
Rated current	A	21.1
Heating		
Capacity	Btu/h	48000
Input	W	4105
Rated current	A	17.8
COP	W/W	3.57
Electrical		
MINIMUM CIRCUIT AMPACITY	A	35.0
MAX. FUSE	A	50.0
Connection wiring		16*4 AWG
Compressor		
Model		ATQ360D1UMU
Type		Twin-ROTARY
Brand		GMCC
Capacity	Btu/h	38214
Input	W	3040
Rated current(RLA)	A	21
Locked rotor Amp(LRA)	A	---
Thermal protector		---
Thermal protector position		---
Refrigerant oil/oil charge	ml	VG74/1400
Operation temperature		
Indoor(cooling/ heating)	Deg. F	62~90/32~86
Outdoor(cooling/heating)	Deg. F	-13~122/ -13~86
Application area	sq.ft	700-1009

OUTDOOR UNIT DATA

Outdoor fan motor		
Model		ZKFN-85-8-22-2
Type		DC
Input		126.0
RLA	A	1.178
Speed	r/min	800/700/600
Air flow & Noise level		
Outdoor air flow	CFM	4500.00
Outdoor noise level	dB(A)	64

Outdoor unit

Dimension(W*D*H)	inch	37.48x16.34x52.48
Packing (W*D*H)	inch	43.11x19.49x58.27
Net/Gross weight	lbs.	223.77/255.07

SYSTEM DATA

Design pressure	PSIG	550/340
Refrigerant type	oz	R410A/162.3
Refrigerant precharge	ft	123
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)	5 x Φ6.35/ 3xΦ9.52+2xΦ12.7(5x1/4"/3 x3/8"+2x1/2")
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

