

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

Indoor	CPG030CD(I)
Outdoor	CPG030CD(O)



### PERFORMANCE DATA

Power supply	Ph-V-Hz	208-230V~60Hz, 1Ph
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#### Cooling

Capacity	Btu/h	30000
Input	W	2857
Rated current	A	12.5
EER	Btu/w	10.5
SEER	Btu/w	18

#### Heating

Capacity	Btu/h	30000
Input	W	3110
Rated current	A	13.5
COP	W/W	2.8
HSPF4	Btu/w	9.6
HSPF5	Btu/w	8.1
MINIMUM CIRCUIT AMPACITY	A	20
MAX.FUSE	A	30
Moisture Removal	L/h	/

#### Compressor Electrical

Model		ATF250D22UMT
Type		ROTARY
Brand		GMCC
Capacity	Btu/h	25760
Input	W	2070
Rated current(RLA)	A	15
Locked rotor Amp(LRA)	A	---
Thermal protector		----
Thermal protector position		----
Refrigerant oil/oil charge	ml	ESTER OIL VG74/670
Connection wiring		16#*4 Stranded, unshielded
Thermostat type		Remote Control

#### SYSTEM DATA

Design pressure	MPa	R410A/2750g
Refrigerant type	oz	25
Refrigerant precharge	ft	0.322
Additional charge per ft.	oz	550/340 PSIG
Liquid side/ Gas side	mm(in)	Φ9.52/Φ15.9(3/8"/5/8")
Max. refrigerant pipe length	ft	164
Max. difference in level	ft.	82
Application area	sq.ft	330-484

### INDOOR UNIT DATA

Indoor fan motor		
Model		ZKFP-58-8-1
Brand		Welling
Input		58(Output)
RLA	A	0.5
LRA	A	----
Winding Resistance	Ω	----
Capacitor	uF	----
Speed(Hi/Mi/Lo)	r/min	1200/1050/950
<b>Air flow &amp; Noise level</b>		
Indoor air flow (Hi/Mi/Lo)	CFM	795/618/471
Indoor noise level (Hi/Mi/Lo)	dB(A)	52/44/35

#### Indoor unit

Dimension(W*D*H)	inch	49.57x11.10x14.25
Packing (W*D*H)	inch	52.76x17.72x14.96
Net/Gross weight	lbs.	43.2/55.6

### OUTDOOR UNIT DATA

Outdoor fan motor		
Model		ZKFN-120-8-2
Brand		Welling
Input		150
RLA	A	0.6
LRA	A	----
Winding Resistance	Ω	----
Capacitor	uF	----
Speed	r/min	810
<b>Air flow &amp; Noise level</b>		
Outdoor air flow	CFM	2530
Outdoor noise level	dB(A)	62

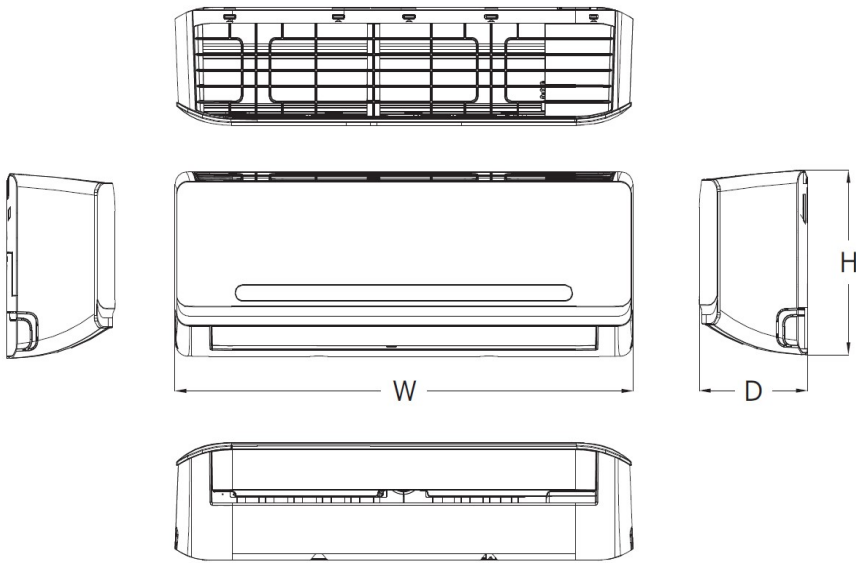
#### Outdoor unit

Dimension(W*D*H)	inch	37.24x16.14x31.89
Packing (W*D*H)	inch	42.91x19.69x34.45
Net/Gross weight	lbs.	137.79/147.71

#### Operation temperature

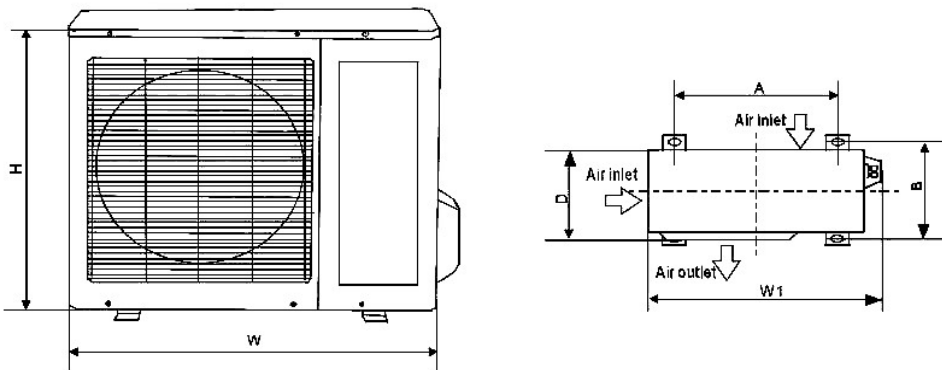
Indoor(cooling/ heating)	Deg. F	62~90/32~86
Outdoor(cooling/heating)	Deg. F	5~122/5~86

**INDOOR UNIT**



Model	W (inch)	D (inch)	H (inch)
CPG030CD(I)	49.57	11.1	14.25

**OUTDOOR UNIT**



Model	W (inch)	D (inch)	H (inch)	W1 (inch)	A (inch)	B (inch)
CPG030CD(O)	37.24	16.14	31.89	40.55	26.50	15.87