

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

Indoor unit model	AHU24
Outdoor unit model	CPP024CD(O)



PERFORMANCE DATA

Power supply	Ph-V-Hz	208/230V, 1Ph, 60Hz
--------------	---------	---------------------

Cooling

Capacity	Btu/h	22000(7500~26000)
Input	W	1757
Rated current	A	8.10
EER	Btu/w	12.5
SEER	Btu/w	20.8

Heating at 47

Capacity	Btu/h	26000(5600~30000)
Input	W	2177
Rated current	A	10.13
COP	W/W	3.50
HSPF4		10.4
HSPF5		8.4

Electrical

MINIMUM CIRCUIT AMPACITY	A	18
MAX. FUSE	A	25
Connection wiring		16*4 AWG

Compressor

Model		ATF235D22UMT
Type		ROTARY
Brand		GMCC
Capacity	Btu/h	24345
Input	W	1970
Rated current(RLA)	A	/
Locked rotor Amp(LRA)	A	---
Thermal protector		---
Thermal protector position		---
Refrigerant oil/oil charge	ml	POE(VG74)/670

SYSTEM DATA

Design pressure	PSIG	550/340
Refrigerant type	oz	R410A/82.9
Refrigerant precharge	ft	25
Additional charge per ft.	oz	0.32
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

ESP

ESP range	In. wg.	0-0.64
-----------	---------	--------

INDOOR UNIT DATA

Indoor fan motor

Model		ZKFN-600-10-1
Type		DC
Input		487
RLA	A	/
LRA	A	---
Winding Resistance	Ω	---
Capacitor	uF	---
Speed(Hi/Mi/Lo)	r/min	720/640/550

Air flow & Noise level

Indoor air flow (Hi/Lo)	CFM	882/765/588
Indoor noise level (Hi/Lo)	dB(A)	43/40.5/35

Indoor unit

Dimension(W*D*H)	inch	20.98x19.61x48.82
Packing (W*D*H)	inch	51.18x22.44x24.61
Net/Gross weight	lbs.	141.09/156.09

OUTDOOR UNIT DATA

Outdoor fan motor

Model		ZKFN-120-8-2
Type		DC
Input		150
RLA	A	/
LRA	A	---
Winding Resistance	Ω	---
Capacitor	uF	---
Speed	r/min	850/750/700

Air flow & Noise level

Outdoor air flow	CFM	2237
Outdoor noise level	dB(A)	59

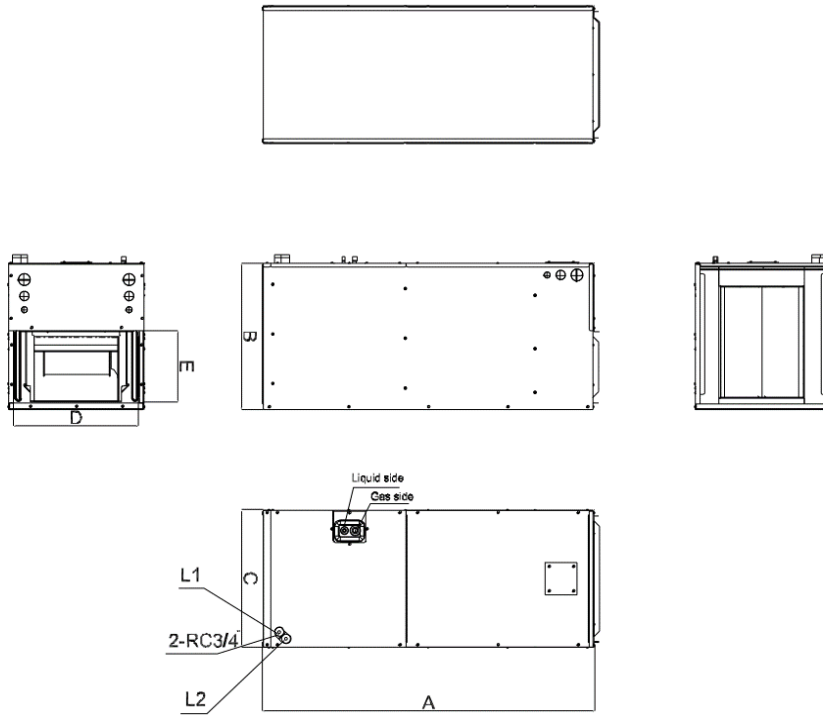
Outdoor unit

Dimension(W*D*H)	inch	37.24x16.14x31.89
Packing (W*D*H)	inch	42.91x19.69x34.45
Net/Gross weight	lbs.	141.09/152.12

Operation temperature

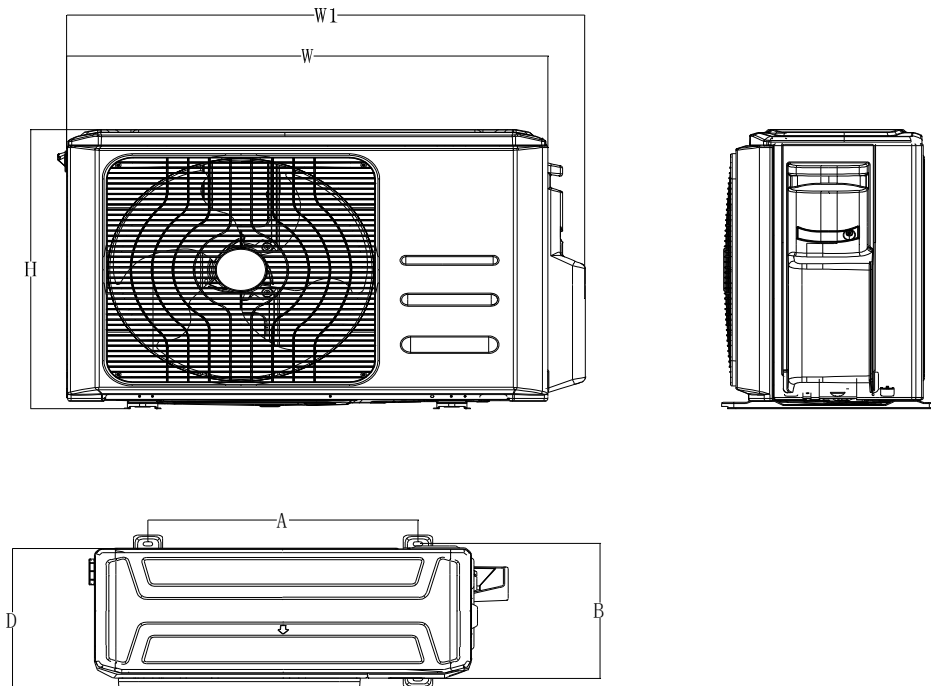
Indoor(cooling/ heating)	Deg. F	62~90/32~86
Outdoor(cooling/heating)	Deg. F	-13~122/ -13~86
Application area	sq.ft	344-505

INDOOR UNIT



Model	Unit	Dimension					Drain hole	
		A	B	C	D	E	L1	L2
AHU24	mm	1224	533	498	461	261	Primary drain for upflow	Primary drain for horizon
	inch	48.2	21	19.6	18.2	10.3		

OUTDOOR UNIT



Model	Unit	Dimension
-------	------	-----------

MODEL	Unit	W	D	H	W1	A	B
CPP024CD(O)	mm	946	410	810	1030	673	403
	inch	37.2	16.1	31.9	40.6	26.5	15.9