

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

Indoor unit model	AHU48
Outdoor unit model	CPP048CD(O)-DUB



### PERFORMANCE DATA

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

Capacity	Btu/h	48000(12000~48000)
Input	W	5986
Rated current	A	26
EER	Btu/w	8.2
SEER	Btu/w	16

#### Heating at 47

Capacity	Btu/h	55000(13700~55000)
Input	W	6132
Rated current	A	27.14
COP	W/W	2.63
HSPF4		9.5
HSPF5		8

#### Electrical

MINIMUM CIRCUIT AMPACITY	A	36.5
MAX. FUSE	A	50
Connection wiring		16*4 AWG

#### Compressor

Model		KTQ420D1UMU
Type		ROTARY
Brand		GMCC
Capacity	Btu/h	44697
Input	W	3420
Rated current(RLA)	A	/
Locked rotor Amp(LRA)	A	---
Thermal protector		---
Thermal protector position		---
Refrigerant oil/oil charge	ml	Ester Oil VG74/1400

#### SYSTEM DATA

Design pressure	PSIG	550/340
Refrigerant type	oz	R410A/158.7
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	213
Max. difference in level	ft.	98

#### ESP

### INDOOR UNIT DATA

<b>Indoor fan motor</b>		
Model		ZKFN-600-10-1
Type		DC
Input		487
RLA	A	/
LRA	A	---
Winding Resistance	Ω	---
Capacitor	uF	---
Speed(Hi/Mi/Lo)	r/min	1050/980/910
<b>Air flow &amp; Noise level</b>		
Indoor air flow (Hi/Lo)	CFM	1412/1294/1176
Indoor noise level (Hi/Lo)	dB(A)	54/52/50

#### Indoor unit

Dimension(W*D*H)	inch	20.98x19.61x48.82
Packing (W*D*H)	inch	51.18x22.44x24.61
Net/Gross weight	lbs.	144.84/159.83

### OUTDOOR UNIT DATA

<b>Outdoor fan motor</b>		
Model		ZKFN-85-8-22
Type		DC
Input		126
RLA	A	/
LRA	A	---
Winding Resistance	Ω	---
Capacitor	uF	---
Speed	r/min	900/850/800/750
<b>Air flow &amp; Noise level</b>		
Outdoor air flow	CFM	4470
Outdoor noise level	dB(A)	64

#### Outdoor unit

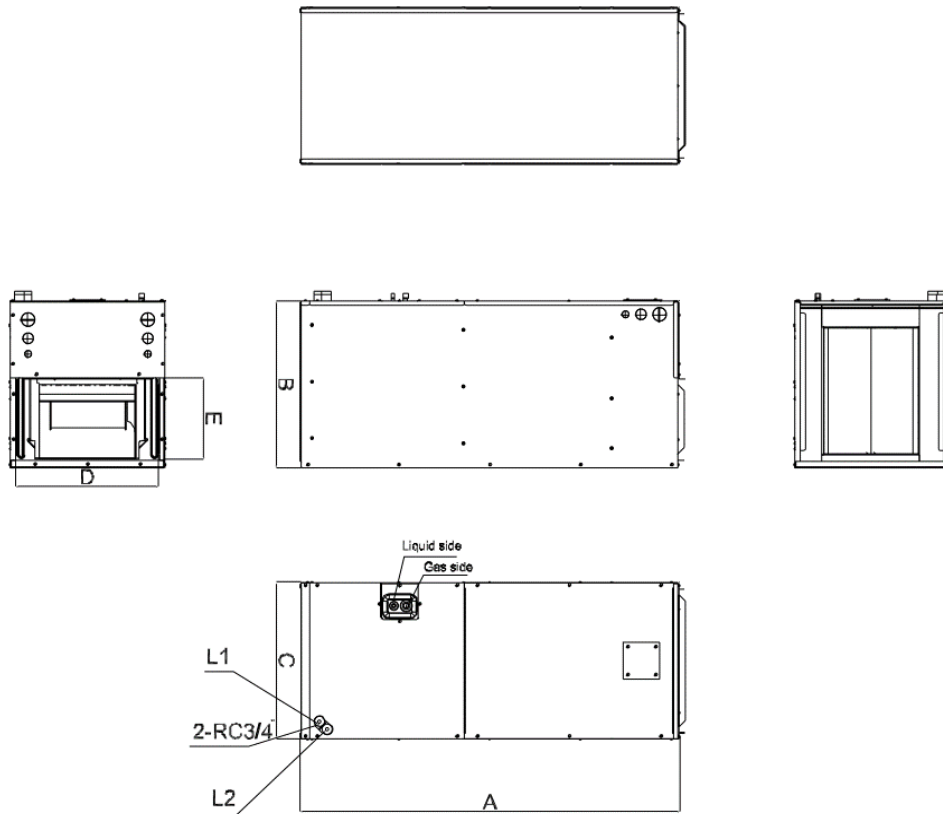
Dimension(W*D*H)	inch	37.48x16.34x52.48
Packing (W*D*H)	inch	43.11x19.49x58.27
Net/Gross weight	lbs.	219.14/249.12

#### Operation temperature

Indoor(cooling/ heating)	Deg. F	62~90/32~86
Outdoor(cooling/heating)	Deg. F	5~122/ 5~86
Application area	sq.ft	700-1009

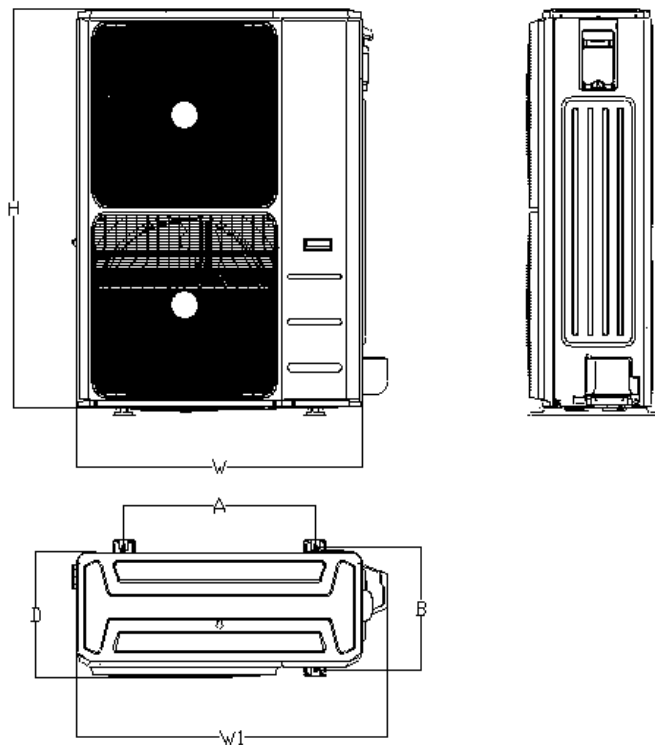
ESP range	In. wg.	0-0.64
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**INDOOR UNIT**



Model	Unit	Dimension					
		W	D	H	W1	A	B
CPP048CD(O)-DUB	mm	946	410	810	1030	673	403
	inch	37.2	16.1	31.9	40.6	26.5	15.9

**OUTDOOR UNIT**



Model	Unit	Dimension					
		W	D	H	W1	A	B
CPP048CD(O)-DUB	mm	952	415	1333	1045	634	404
	inch	37.5	16.3	52.5	41.1	25	15.9