

Project Name:	
Location:	
Engineer:	
Submitted to:	
Submitted by:	
Reference:	

Approval:	
Date:	
Construction:	
Unit #:	
Drawing #:	

Indoor model	CPA-12B
Outdoor model	CPP012CD(O)



PERFORMANCE DATA

Power supply	Ph-V-Hz	208-230V,1Ph,60Hz
Cooling		
Capacity	Btu/h	12000
Input	W	960
Rated current	A	4.615384615
EER	Btu/W	12.5
SEER		21.5
Heating		
Capacity	Btu/h	12000
Input	W	---
HSPF4		11.5
HSPF5		9
MINIMUM CIRCUIT AMPACITY	A	12
MAX.FUSE	A	15
Moisture Removal	L/h	1.2
Starting current	A	---
Rated current(RLA)	A	6.8
Locked rotor Amp(LRA)	A	---
Thermal protector		---
Thermal protector position		INTERNAL
Capacitor	uF	---
Refrigerant oil	ml	ESTER OIL VG74/370
Connection wiring		16AWG*4 Stranded, unshielded
Thermostat type		Wire controller
Operation temperature		
Indoor(cooling/ heating)	Deg. F	62~90/32~86
Outdoor(cooling/heating)	Deg. F	-13~122/ -13~86

INDOOR UNIT DATA

Indoor fan motor		
RLA	A	1.11
LRA	A	---
Winding Resistance	Ω	---
Capacitor	uF	/
Speed(Hi/Mi/Lo)	r/min	1170/1030/850
Sound dB (Hi/Mi/Lo)		38/33/30
Static Pressure	In. WG	0--0.16
Indoor unit		
Dimension(W*D*H)	inch	27.56x17.72x7.87
Packing (W*D*H)	inch	33.86x21.26x10.83
Net/Gross weight	lbs.	33.86x21.26x10.83

OUTDOOR UNIT DATA

Outdoor fan motor		
RLA	A	---
LRA	A	---
Winding Resistance	Ω	---
Capacitor	uF	---
Speed	r/min	---
Outdoor unit		
Dimension(W*D*H)	inch	31.5x13.11x21.81
Packing (W*D*H)	inch	36.22x15.35x24.21
Net/Gross weight	lbs.	76.72/82.67

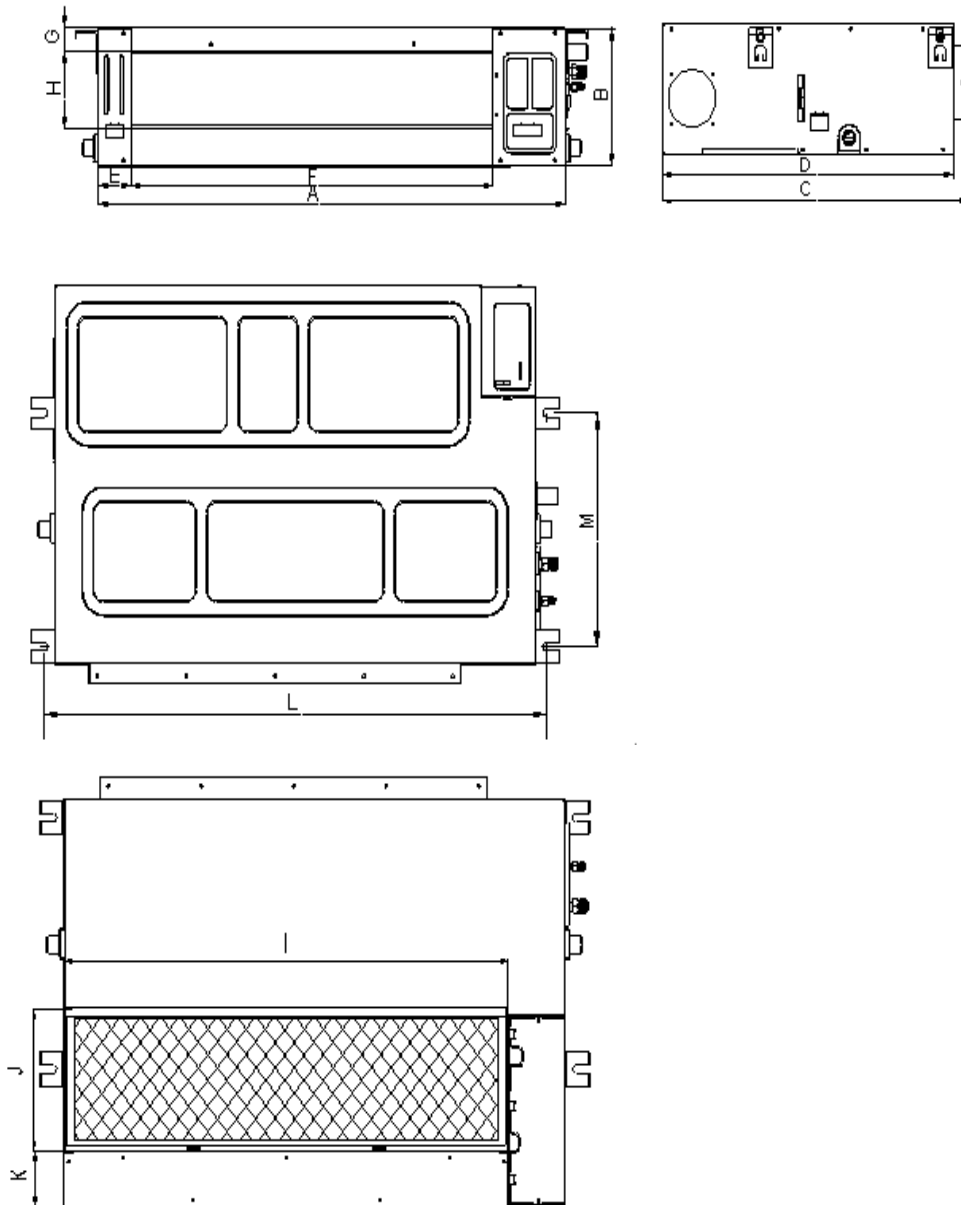
SYSTEM DATA

Refrigerant type	oz	R410A/40.6
Additional Refrigerant/ft.	oz	0.16
Design pressure	PSIG	550/340

Refrigerant piping

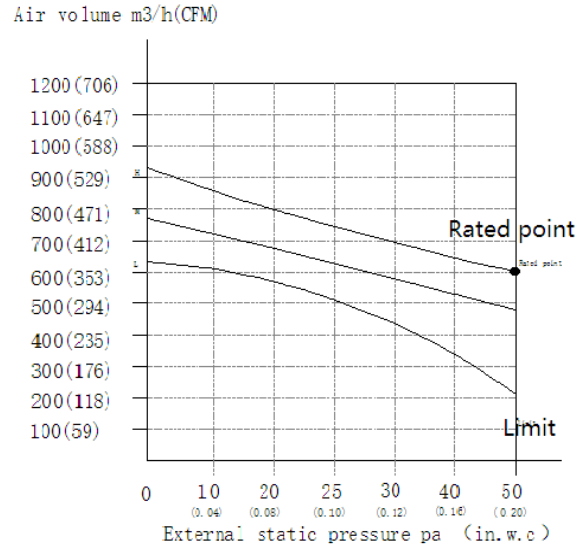
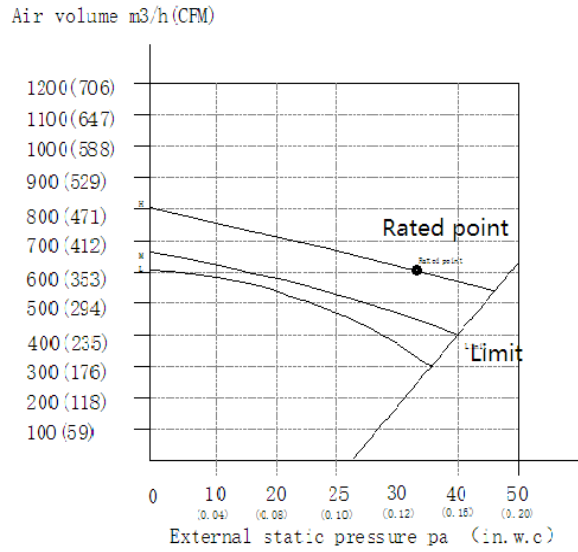
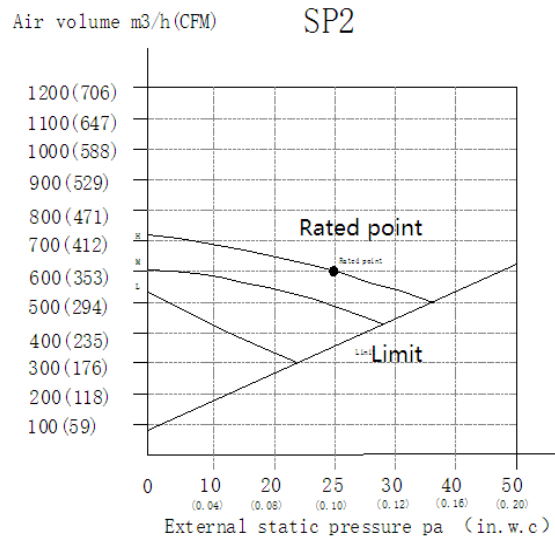
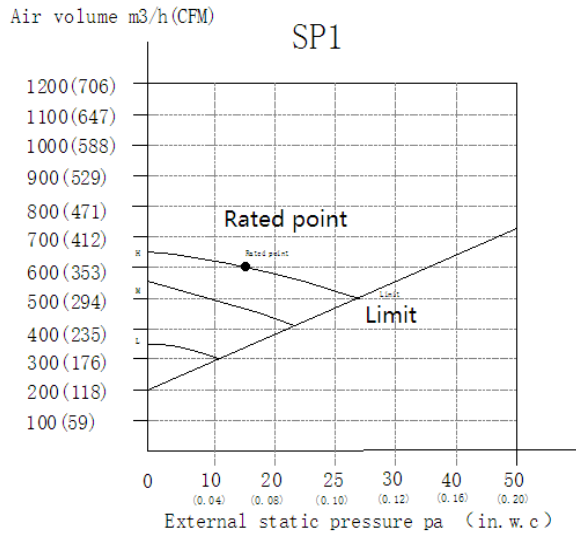
Liquid side/ Gas side	mm(inch)	Φ6.35/Φ12.7(1/4"/1/2")
Max. refrigerant pipe length	ft	82
Max. difference in level	ft.	33

INDOOR UNIT

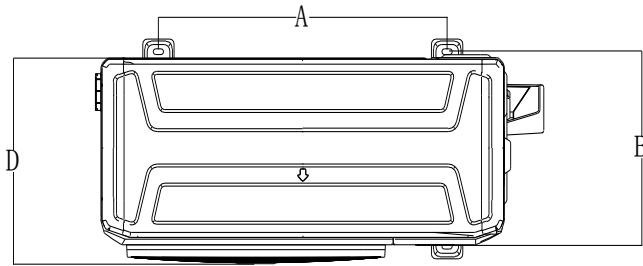
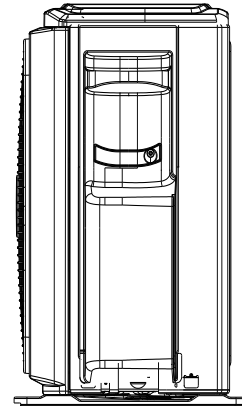
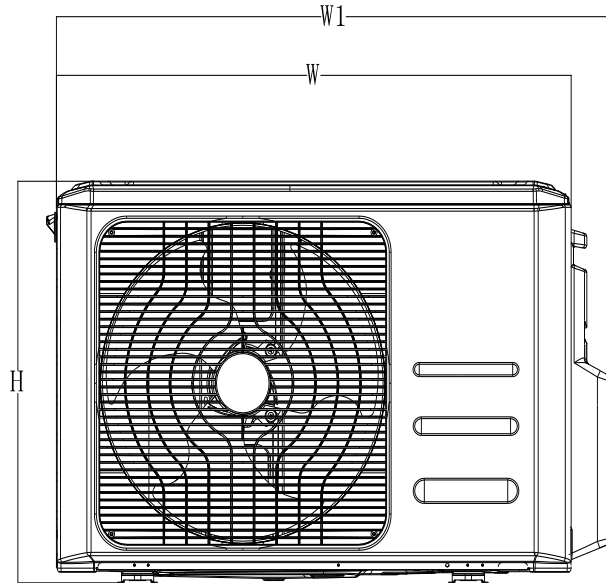


Capacity (Btu)	Outline dimension(mm)				Air outlet opening size				Air return opening size			Size of outline dimension mounted plug	
	A	B	C	D	E	F	G	H	I	J	K	L	M
12000	700	200	506	450	137	537	30	152	599	186	50	741	360

Air flow



OUTDOOR UNIT



SIZE	W	D	H	W1	A	B
inch	31.5	13.1	21.8	34.3	20.2	13.4