

SUBMITTAL DATA SHEET

CH-24MSPHCT-230VI

CH-24SPH-230VO

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

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



Heating/ Cooling	Outdoor Dry Bulb	Indoor Dry Bulb	Unit	Min	Rated	Max
Heating	5°F	70°F	Btu/h	3,596	-	16,933
			kW	0.77	-	2.55
			COP	1.37	-	1.95
	17°F	70°F	Btu/h	5,360	15,800	17,841
			kW	0.78	1.81	2.5
			COP	2.01	2.56	2.09
	47°F	70°F	Btu/h	10,936	24,400	30,998
			kW	0.67	2.04	2.86
			COP	4.78	3.51	3.18
Cooling	82°F	80°F	Btu/h	8,317	-	24,528
			kW	0.32	-	1.58
			COP	7.62	-	4.55
	95°F	80°F	Btu/h	11,822	24,000	24,958
			kW	0.79	1.92	2.31
			COP	4.39	3.66	3.17



This warranty should be registered on our web-site www.cooperandhunter.us within 60 days of installation. The warranty is only valid when installed by a Licensed HVAC Technician. A warranty period of Seven (7) years on compressor to the original registered end-user. A warranty period of Five (5) years on all parts to the original registered end user. Warranty applies only to products remaining in their original installation location.

INDOOR SPECIFICATION

Air Flow (Hi/Mi/Lo)	820/740/590 CFM
Noise Level (Hi/Mi/Lo)	51/47/43 dB(A)
Unit Dimension (WxDxH)	33.07x33.07x8.07 in
Net/Gross Weight	45.19/52.91 lb

OUTDOOR SPECIFICATION

Air flow	2355 CFM
Noise Level	61 dB(A)
Dimension (WxDxH)	37.24x16.14x31.89 in
Net/Gross weight	136.69/147.27 lb
Refrigerant type/Quantity	R410A/82.9 oz
Refrigerant precharge	25 ft
Additional charge for each ft	0.32 oz

PERFORMANCE AND EFFICIENCY

Cooling		Heating	
24,000 Btu/h		24,400 Btu/h	
SEER	20	HSPF	10.5
EER	12.5	Region IV	

OPERATION TEMPERATURE RANGE

Indoor		Outdoor	
cooling	heating	cooling	heating
62~90°F	32~86°F	-13~122°F	-13~86°F

ELECTRICAL

Power supply	208-230V/ 60Hz, 1Ph
MCA	18 A
MFA	25 A

MCA: Minimum Circuit Ampacity **MFA:** Max. fuse A

PIPING

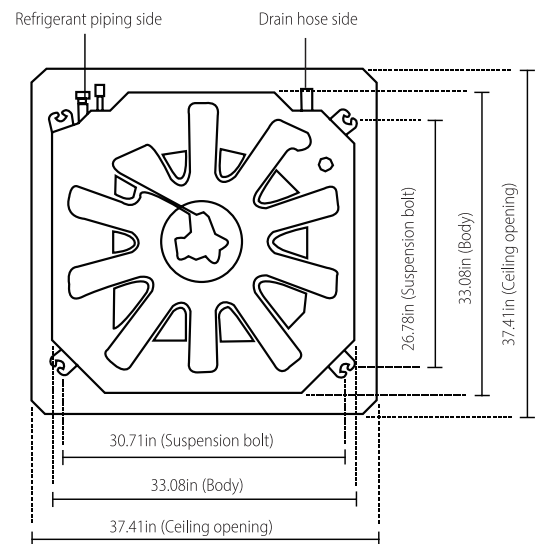
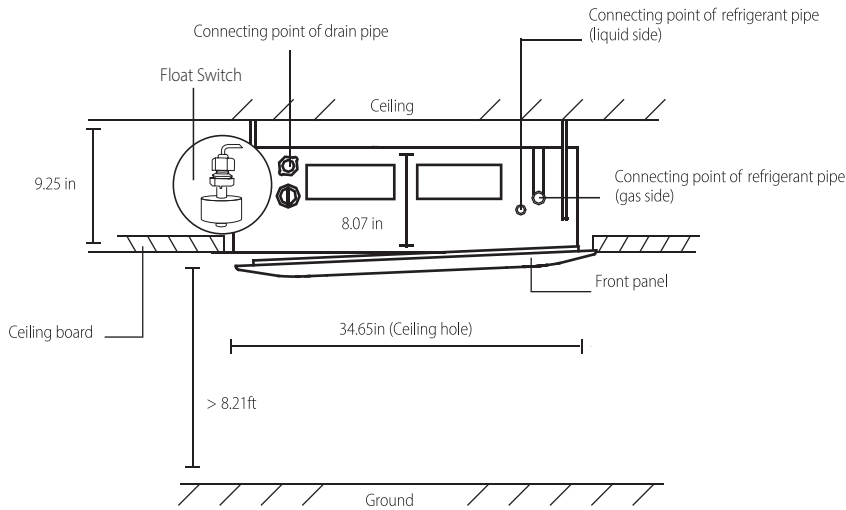
Refrigerant piping Liquid side/Gas side	3/8 - 5/8 in
Max. refrigerant pipe length	164 ft
Max. difference in level	82 ft

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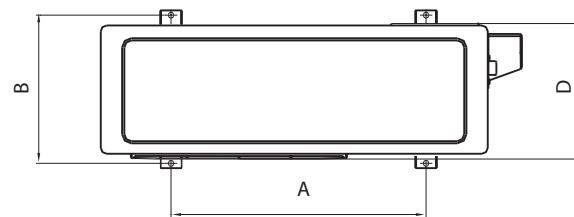
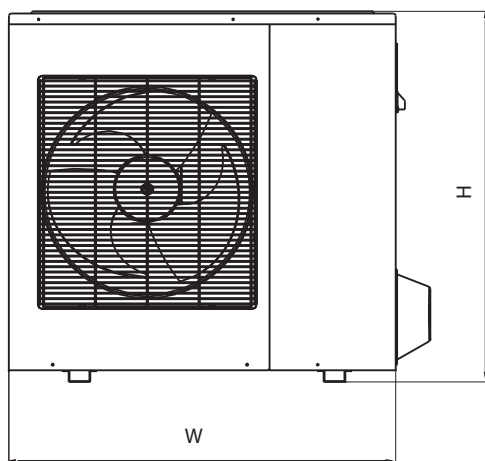
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INDOOR UNIT



OUTDOOR UNIT



Outdoor Unit Dimensions WxDxH	Mounting Dimensions	
	Distance A	Distance B
37.24x16.14x31.89	26.5	15.87