

SUBMITTAL DATA SHEET

CH-09MSPHCT-230VI

CH-09SPH-230VO

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

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



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)	353/306/271 CFM
Noise Level (Hi/Mi/Lo)	41/39/37 dB(A)
Unit Dimension (WxDxH)	22.44x22.44x10.24 in
Net/Gross Weight	35.27/41.88 lb

OUTDOOR SPECIFICATION

Air flow	1060 CFM
Noise Level	55.5 dB(A)
Dimension (WxDxH)	30.31x11.81x21.85 in
Net/Gross weight	82.7/89.2 lb
Refrigerant type/Quantity	R410A/38.8 oz
Refrigerant precharge	25 ft
Additional charge for each ft	0.16 oz

PERFORMANCE AND EFFICIENCY

Cooling		Heating	
9,000 Btu/h		10,000 Btu/h	
SEER	20	HSPF	10.5
EER	13	Region IV	

Heating/ Cooling	Outdoor Dry Bulb	Indoor Dry Bulb	Unit	Min	Rated	Max
Heating	5°F	70°F	Btu/h	955	-	7,137
			kW	0.28	-	1.12
			COP	1	-	1.87
	17°F	70°F	Btu/h	2,119	5,800	8,639
			kW	0.31	0.64	1.22
			COP	2	2.66	2.08
	47°F	70°F	Btu/h	10,714	10,000	12,075
			kW	0.93	0.85	1.3
			COP	3.38	3.45	2.72
Cooling	82°F	80°F	Btu/h	3,729	-	9,557
			kW	0.15	-	0.58
			COP	7.29	-	4.83
	95°F	80°F	Btu/h	2,907	9,000	10,955
			kW	0.25	0.69	1.08
			COP	3.41	3.82	2.97

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	10 A
MFA	15 A

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

PIPING

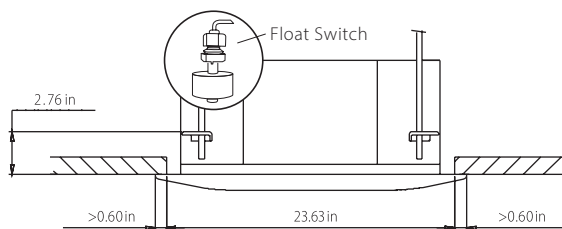
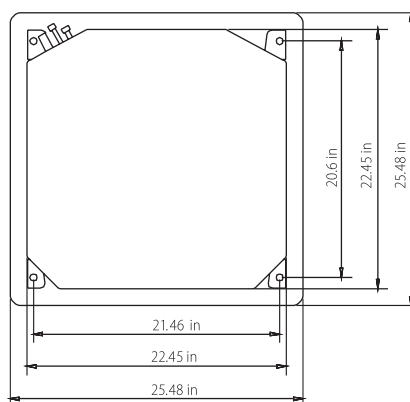
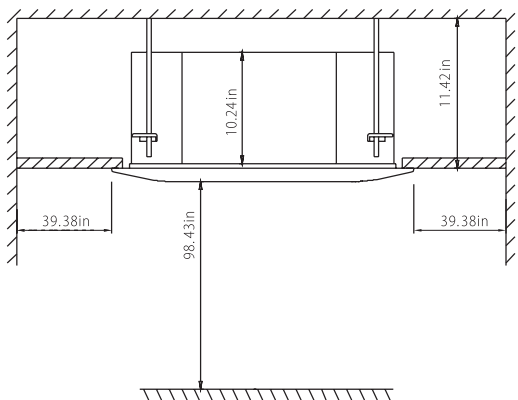
Refrigerant piping Liquid side/Gas side	1/4 - 3/8 in
Max. refrigerant pipe length	82 ft
Max. difference in level	33 ft

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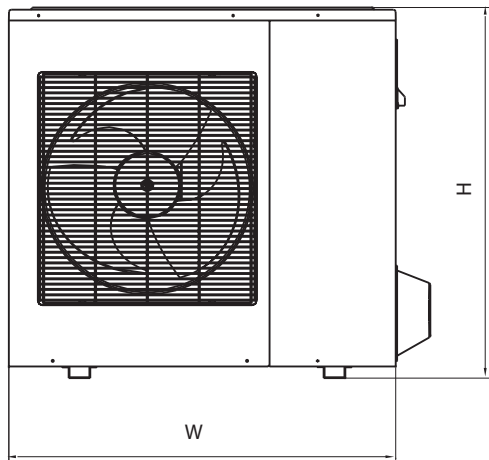
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INDOOR UNIT



OUTDOOR UNIT



Outdoor Unit Dimensions WxDxH	Mounting Dimensions	
	Distance A	Distance B
30.31x11.81x21.85	19.2	11.73