

SUBMITTAL DATA SHEET	CH-M09DTUI	CH-09SHP-230VO
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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	1,845	-	7,765
			kW	0.43	-	1.24
			COP	1.26	-	1.84
	17°F	70°F	Btu/h	1,873	6,800	8,959
			kW	0.4	0.68	1.25
			COP	1.37	2.93	2.1
	47°F	70°F	Btu/h	4,689	10,000	11,822
			kW	0.26	0.87	1.23
			COP	5.29	3.37	2.82
Cooling	82°F	80°F	Btu/h	4,011	-	10,007
			kW	0.17	-	0.57
			COP	6.91	-	5.15
	95°F	80°F	Btu/h	1,903	9,000	10,389
			kW	0.28	0.67	1.1
			COP	1.99	3.94	2.77

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)	353/283/177 CFM
Noise Level (Hi/Mi/Lo)	38/35/32 dB(A)
Unit Dimension (WxDxH)	27.56x19.92x7.87 in
Net/Gross Weight	37.5/48.3 lb

OUTDOOR SPECIFICATION

Air flow	1177 CFM
Noise Level	55 dB(A)
Dimension (WxDxH)	30.31x11.81x21.85 in
Net/Gross weight	61.73/66.8 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	20.5	HSPF Region IV	11.5
EER	13.5		

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

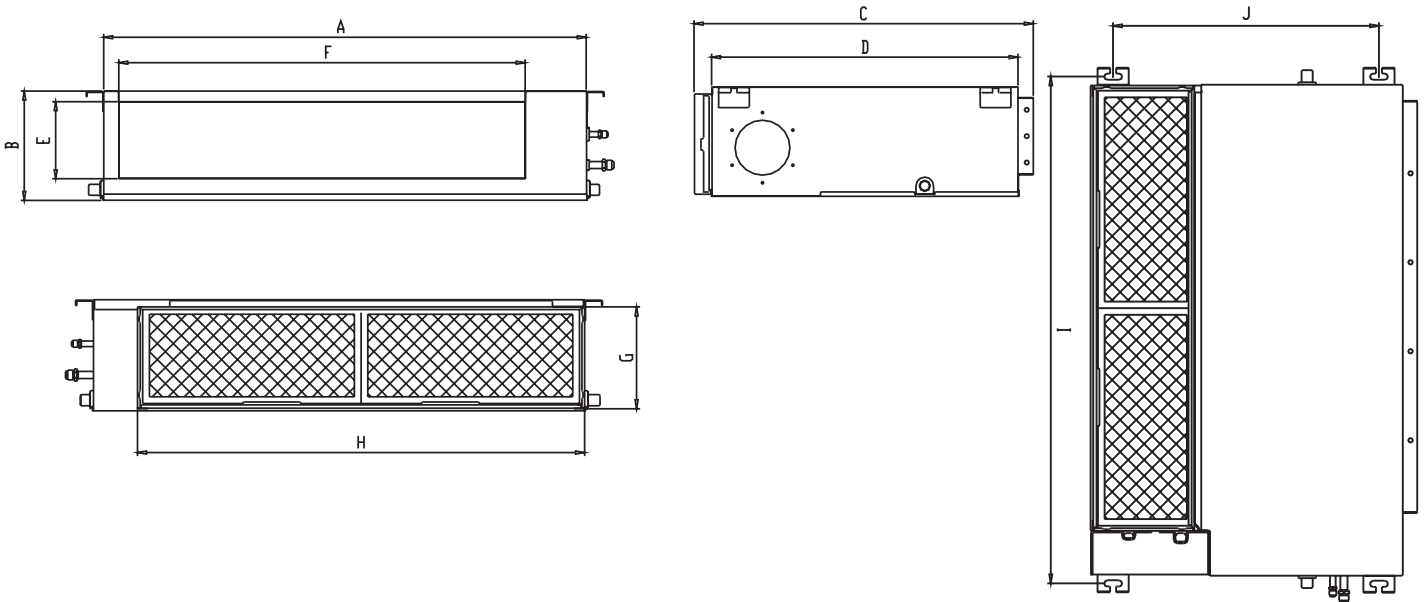
Refrigerant piping Liquid side/Gas side	1/4 - 3/8 in
Max. refrigerant pipe length	82 ft
Max. difference in level	33 ft

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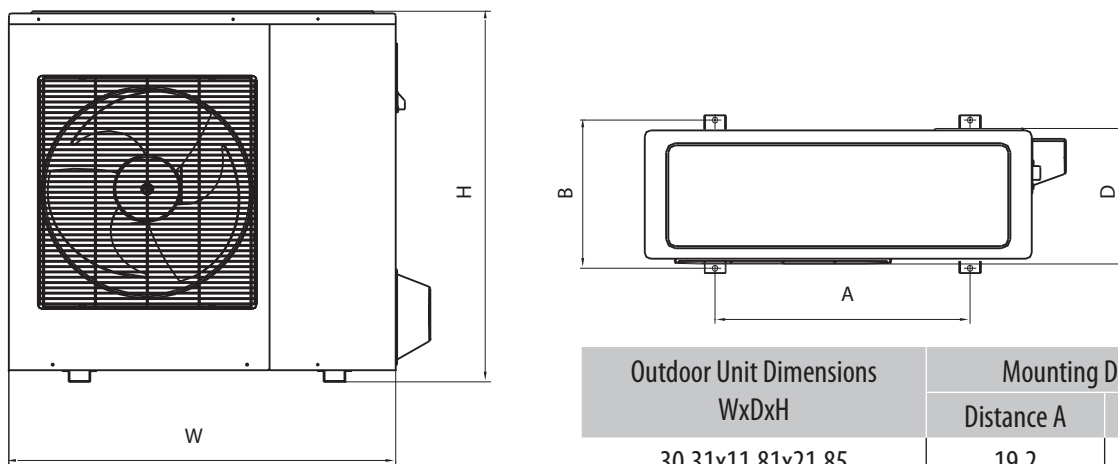
CH-09SHP-230VO

INDOOR UNIT



Outline dimension				air outlet opening size		air return opening size		Size of mounted lug	
A	B	C	D	E	F	G	H	I	J
27.56	7.87	19.92	17.72	6	21.1	7.3	23.6	29.2	14.2

OUTDOOR UNIT



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