

<b>SUBMITTAL DATA SHEET</b>	<b>CH-M12DTUI</b>	<b>CH-HYP12SHP230VO</b>
-----------------------------	-------------------	-------------------------

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	2,245	-	11,812
			kW	0.44	-	1.94
			COP	1.5	-	1.78
	17°F	70°F	Btu/h	3,429	8,500	12,467
			kW	0.47	0.97	2.03
			COP	2.14	2.57	1.8
	47°F	70°F	Btu/h	4,391	12,000	14,733
			kW	0.25	1.07	1.56
			COP	5.15	3.29	2.77
Cooling	82°F	80°F	Btu/h	3,735	-	12,731
			kW	0.14	-	0.82
			COP	7.82	-	4.55
	95°F	80°F	Btu/h	2,954	12,000	12,044
			kW	0.23	0.96	1.4
			COP	3.76	3.66	2.52

This warranty should be registered on our web-site [www.cooperandhunter.us](http://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)	38/36/33.5 dB(A)
Unit Dimension (WxDxH)	27.56x19.92x7.87 in
Net/Gross Weight	37.5/48.3 lb

### OUTDOOR SPECIFICATION

Air flow	1180 CFM
Noise Level	57 dB(A)
Dimension (WxDxH)	31.5x13.11x21.81 in
Net/Gross weight	88.18/93.7 lb
Refrigerant type/Quantity	R410A/52.9 oz
Refrigerant precharge	25 ft
Additional charge for each ft	0.16 oz

### PERFORMANCE AND EFFICIENCY

Cooling		Heating	
12,000 Btu/h		12,000 Btu/h	
SEER	20.5	HSPF Region IV	11
EER	12.5		

### OPERATION TEMPERATURE RANGE

Indoor		Outdoor	
cooling	heating	cooling	heating
62~90°F	32~86°F	-22~122°F	-22~86°F

### ELECTRICAL

Power supply	208-230V/ 60Hz, 1Ph
MCA	9 A
MFA	15 A

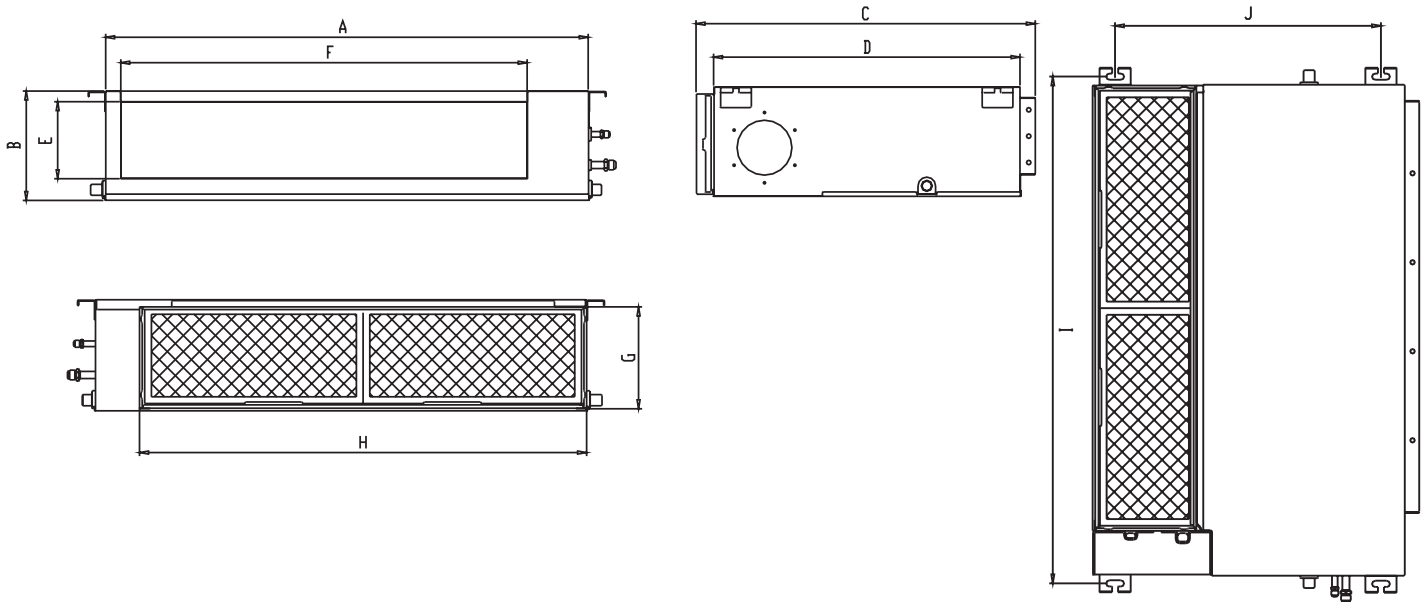
**MCA:** Minimum Circuit Ampacity **MFA:** Max. fuse A

### PIPING

Refrigerant piping Liquid side/Gas side	1/4 - 1/2 in
Max. refrigerant pipe length	82 ft
Max. difference in level	33 ft

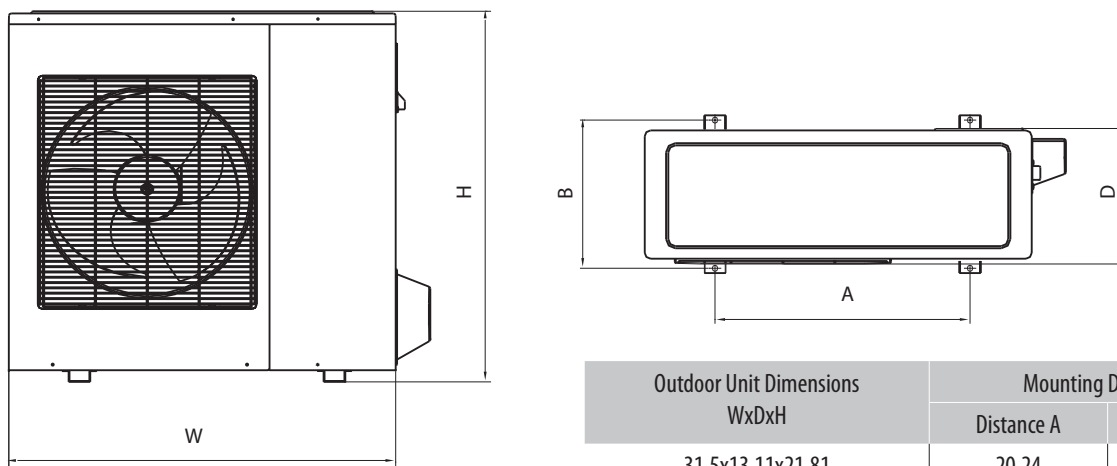
SUBMITTAL DATA SHEET	CH-M12DTUI	CH-HYP12SHP230VO
----------------------	------------	------------------

### 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
31.5x13.11x21.81	20.24	13.39