

SUBMITTAL DATA SHEET

CH-M24DTUI

CH-24LCUO

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	4,674	-	28,278
			kW	0.91	-	4.44
			COP	1.51	-	1.87
	17°F	70°F	Btu/h	6,179	17,200	25,245
			kW	0.94	1.97	4.09
			COP	1.93	2.56	1.81
	47°F	70°F	Btu/h	11,908	24,000	30,298
			kW	0.7	1.85	3.09
			COP	4.99	3.8	2.87
Cooling	82°F	80°F	Btu/h	7,981	-	26,153
			kW	0.19	-	1.61
			COP	12.31	-	4.76
	95°F	80°F	Btu/h	5,599	24,000	25,781
			kW	0.47	1.92	2.82
			COP	3.49	3.66	2.68



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)	776/694/435 CFM
Noise Level (Hi/Mi/Lo)	44/41/38 dB(A)
Unit Dimension (WxDxH)	43.31x30.47x9.8 in
Net/Gross Weight	86.86/102.95 lb

OUTDOOR SPECIFICATION

Air flow	2354 CFM
Noise Level	61 dB(A)
Dimension (WxDxH)	37.24x16.14x31.89 in
Net/Gross weight	135.58/148.81 lb
Refrigerant type/Quantity	R410A/97.1 oz
Refrigerant precharge	25 ft
Additional charge for each ft	0.32 oz

PERFORMANCE AND EFFICIENCY

Cooling		Heating	
24,000 Btu/h		24,000 Btu/h	
SEER	20.5	HSPF Region IV	12.5
EER	12.5	COP	3.81

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	20 A
MFA	30 A

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

PIPING

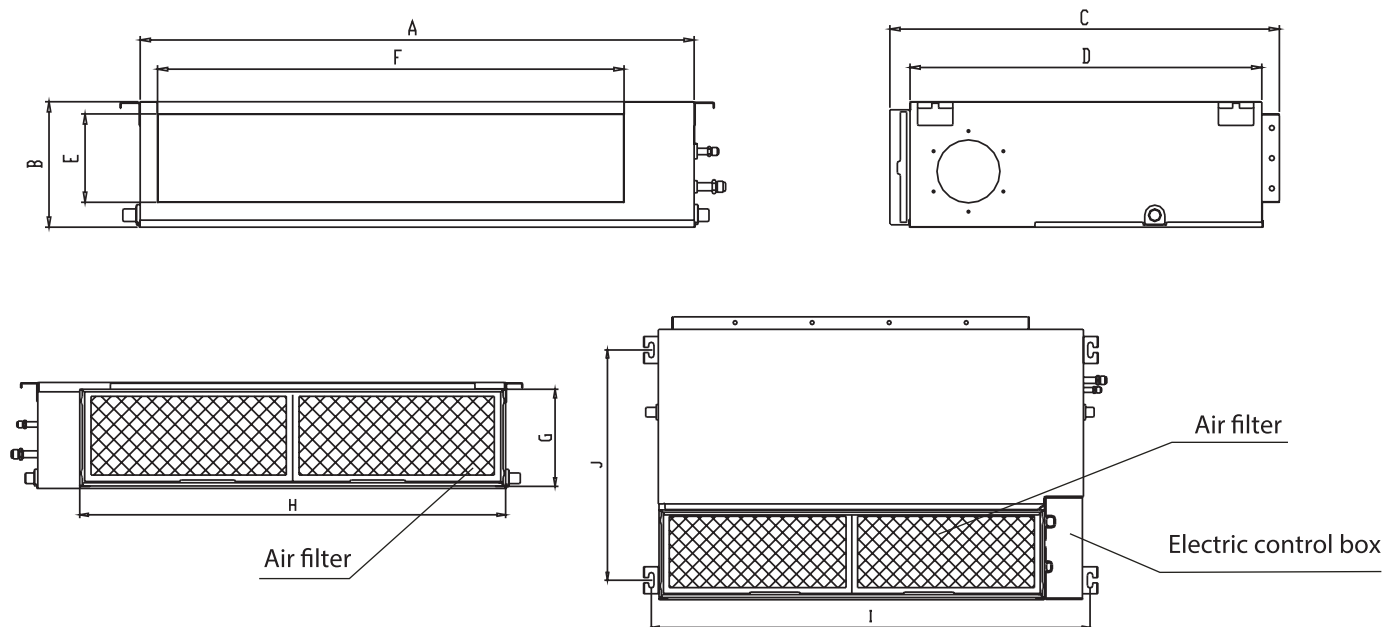
Refrigerant piping Liquid side/Gas side	3/8 - 5/8 in
Max. refrigerant pipe length	164 ft
Max. difference in level	82 ft

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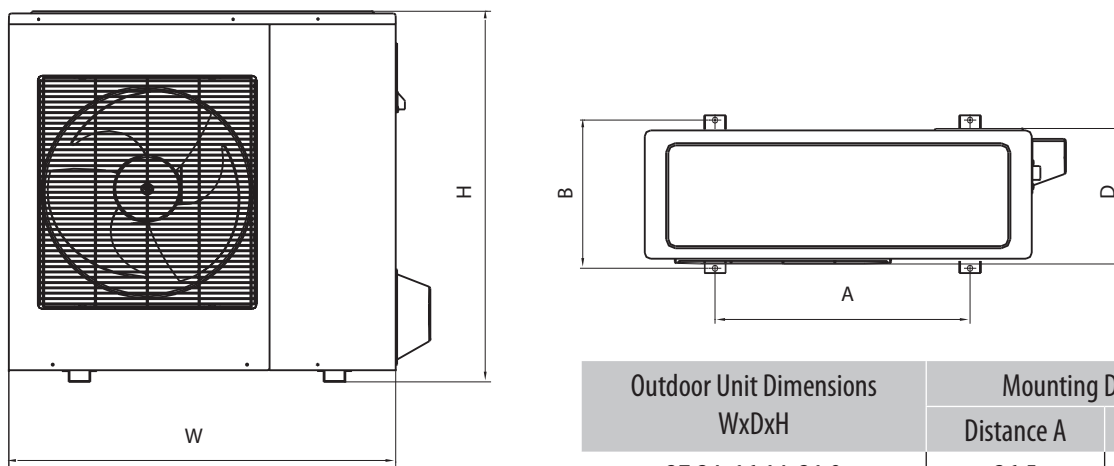
CH-24LCU0

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	G
43.31	9.8	30.47	27.6	6.9	36.5	8.9	39.4	44,9	23.5

OUTDOOR UNIT



Outdoor Unit Dimensions WxDxH	Mounting Dimensions	
	Distance A	Distance B
37.24x16.14x31.9	26.5	15.87