



Submittal Data Sheet

CH-48MSPH230VO (OUTDOOR UNIT)

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

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



This warranty should be registered on our the 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.

GENERAL FEATURES:

- Wi-Fi Ready
- Golden fin for outdoor and indoor
- Silver ion filter
- Fixed-Speed Type
- Auto-Restart
- Auto swing louver
- Cold Catalyst Filter
- Heat pump units can heat & cool up to 5 zones
- Turbo Operation
- Self Diagnosis Function
- Super Silent
- Multi speed fan
- Auto protection

FEATURES OUTDOOR:

- Connect 4, multiple style indoor units:
 - Wall mounted;
 - Cassette;
 - Floor console;
 - Ceiling;
- Variable Speed (Inverter) Compressor
- Quiet operation
- Aluminum Golden Hydrophillic pre-coated fins.

COMPATIBILITY TABLE

	INDOOR UNIT
Wall mounted	CH-09MSPHWM-230VI
	CH-12MSPHWM-230VI
	CH-18MSPHWM-230VI
	CH-24MSPHWM-230VI
Cassette	CH-09MSPHCT-230VI
	CH-12MSPHCT-230VI
	CH-18MSPHCT-230VI
	CH-24MSPHCT-230VI
Floor console	CH-09MSPHMC-230VI
	CH-12MSPHMC-230VI
Floor Ceiling	CH-18MSPHFC-230VI
	CH-24MSPHFC-230VI

System	Outdoor Model	CH-48MSPH230VO
Specification	Air flow	CFM 4500
	Noise level	dB(A) 64
	Dimension (W*D*H)	in 37.48x16.34x52.48
	Net/Gross weight	Lb 223.77/255.07
	Refrigerant Type	R410/162.3
	Refrigerant precharge	ft 125
	Additional charge for each ft	oz 0.32

PERFORMANCE AND EFFICIENCY	Cooling		
	Capacity	Btu/h	48000
	Input	W	4150
	SEER		21.5
	EER	Btu	11.6
	Heating at 47F		
	Capacity	Btu/h	48000
	Input	W	4140
	COP		3.4
	HSPF4		10.4
	HSPF5		8.6
	Heating at 17F		
Rated Capacity	Btu/h	30800	
Heating at 5F (-15°C)			
Max. capacity	Btu/h	35800	

OPERATION TEMPERATURE RANGE

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

ELECTRICAL

Power supply	V/Hz/Ph	208-230V / 60Hz / 1Ph
MCA	A	35.0
MFA	A	50.0
Compressor		
Type	ROTARY	
Input	W	3040
RLA	A	21.0
Fan motor		
Input	W	126
RLA	A	0.39

MCA: Minimum Circuit Ampacity MFA: Max. fuse A RLA: Rated load A

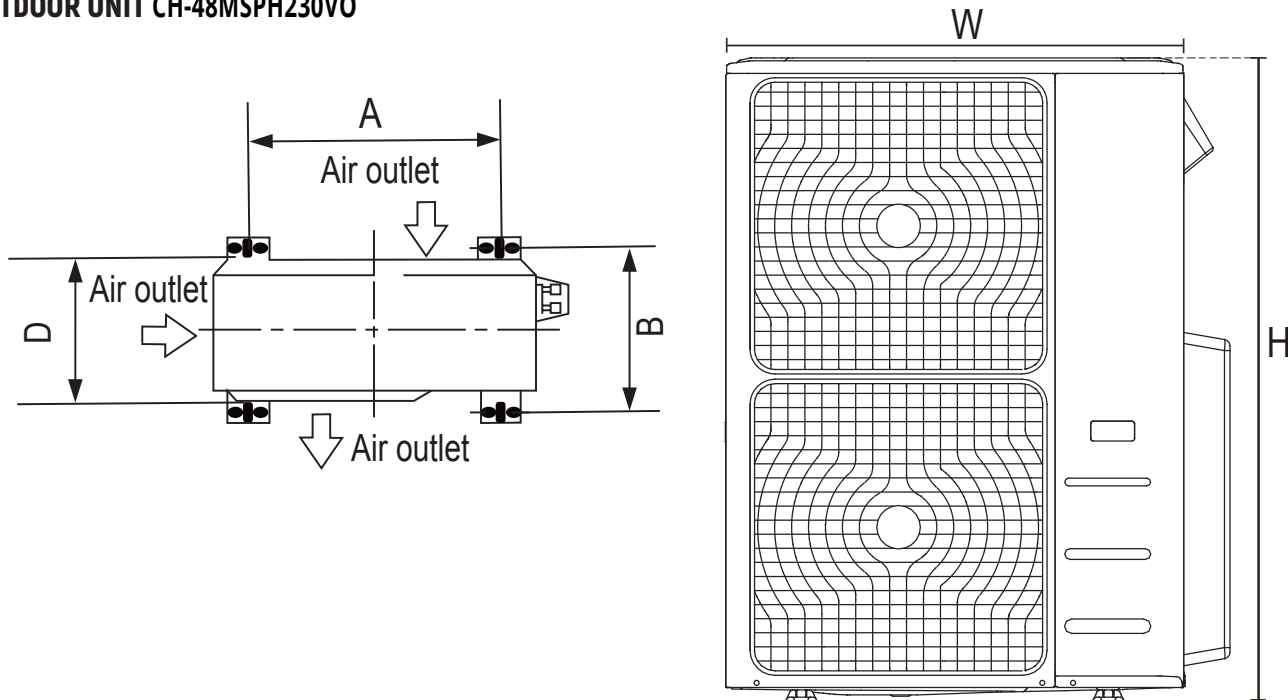
PIPING

Refrigerant piping/Gas side	in	(5x1/4"/3x3/8"+2x1/2")
Max. length for all rooms	ft	262
Max. length for one indoor unit	ft	115
Max. height difference between indoor and outdoor unit	ft	49
Max. height difference between indoor units	ft	33

*No connecting wiring



OUTDOOR UNIT CH-48MSPH230VO



OUTDOOR UNIT DIMENSIONS (in)	MOUNTING DIMENSIONS	
	DISTANCE A (in)	DISTANCE B (in)
W x D x H		
37.48" x 16.34" x 52.48"	24.96"	15.9"