



## Submittal Data Sheet

### CH-36MSPH230VO (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](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.

#### GENERAL FEATURES:

- Wi-Fi Ready
- Cold Catalyst Filter
- Self Diagnosis Function
- Golden fin for outdoor and indoor
- Heat pump units can heat & cool up to 4 zones
- Super Silent
- Silver ion filter
- Turbo Operation
- Multi speed fan
- Fixed-Speed Type
- Auto-Restart
- Auto protection
- Auto swing louver

#### FEATUERS 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
Cassette	CH-09MSPHCT-230VI
	CH-12MSPHCT-230VI
	CH-18MSPHCT-230VI
Floor console	CH-09MSPHMC-230VI
	CH-12MSPHMC-230VI
Floor Ceiling	CH-18MSPHFC-230VI

System	Outdoor Model	CH-36MSPH230VO
Specification	Air flow	CFM 2130
	Noise level	dB(A) 62.3
	Dimension (W*D*H)	in 37.24x16.14x31.89
	Net/Gross weight	Lb 156.53/167.55
	Refrigerant Type	R410/105.8
	Refrigerant precharge	ft 100
	Additional charge for each ft	oz 0.161

PERFORMANCE AND EFFICIENCY	Cooling		
	Capacity	Btu/h	36000
	Input	W	3310
	SEER		22.5
	EER	Btu	10.9
	Heating at 47F		
	Capacity	Btu/h	36000
	Input	W	3410
	COP		3.1
	HSPF4		10.3
	HSPF5		9.0
	Heating at 17F		
	Rated Capacity	Btu/h	25400
	Heating at 5F (-15°C)		
	Max. capacity	Btu/h	28800

#### 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	30.0
MFA	A	45.0
Compressor		
Type	ROTARY	
Input	W	2600
RLA	A	22
Fan motor		
Input	W	150
RLA	A	1.3

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

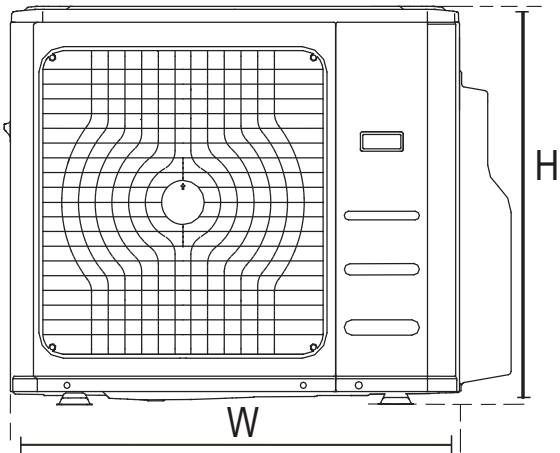
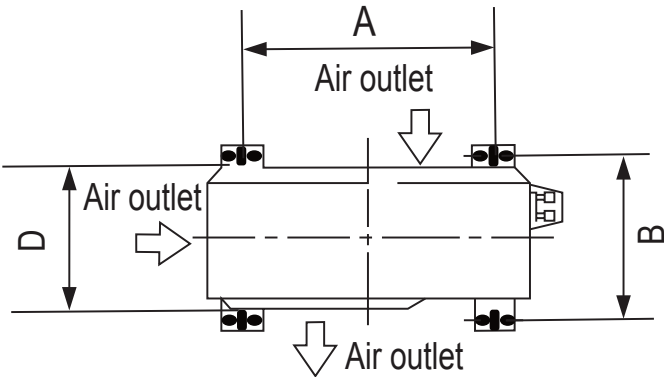
#### PIPING

Refrigerant piping/Gas side	in	(4x1/4"/3x3/8"+1x1/2")
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-36MSPH230VO**



OUTDOOR UNIT DIMENSIONS (in)	MOUNTING DIMENSIONS	
W x D x H	DISTANCE A (in)	DISTANCE B (in)
37.24" x 16.14" x 31.89"	26.5"	15.87"