



### **WALL MOUNT**

SUBMITTAL DATA SHEET	CH-D18MSPHWM-2	230VI	CH-HYP18SPH230V0	
Job Name:		Date:		
Lacation:		Approval:		
Engineer:		Construction:		
Submitted to:		Unit #:		
Submitted by:		Drawing #:		
Reference:				





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)	530/410/295 CFM
Noise Level (Hi/Mi/Lo)	46.2/36.3/30.9 dB(A)
Unit Dimension(WxDxH)	38.98x8.58x12.40 in
Net/Gross Weight	26.9/34.8 lb

#### **OUTDOOR SPECIFICATION**

Air flow	1355 CFM
Noise Level	57.5 dB(A)
Dimension (WxDxH)	33.27x14.29x27.64 in
Net/Gross weight	107.4/115.1 lb
Refrigerant type/Quantity	R410A/68.8 oz
Refrigerant precharge	25 ft
Additional charge for each ft	0.16 oz

#### PERFORMANCE AND EFFICIENCY

Cooling		Heating	
17,000 Btu/h		18,000 Btu/h	
SEER	20	HCDE	10.3
EER	12.5	HSPF	

#### **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	18 A	
MFA	25 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		98 ft
Max. difference in level		66 ft



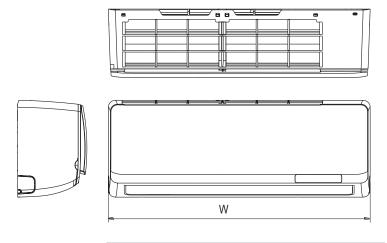


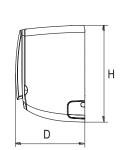
# **SOPHIA D Series**

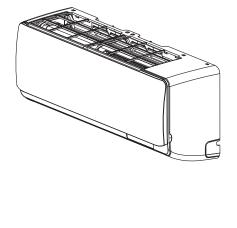
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#### **INDOOR UNIT**

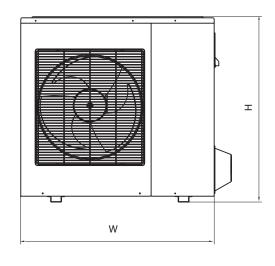


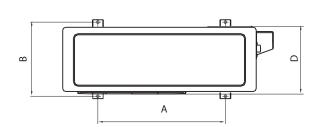




Indoor Unit Dimensions in			
W D H			
38.98	8.58	12.40	

#### **OUTDOOR UNIT**





Outdoor Unit Dimensions	Mounting Dimensions	
WxDxH	Distance A	Distance B
33.27x14.29x27.64 in	21.26	13.8