

# **SOPHIA Series**

## **FLOOR & CEILING TYPE**

SUBMITTAL DATA SHEET	CH-24MSPHFC-230	OVI	CH-HYP24SPH230V0	
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

## **INDOOR SPECIFICATION**

Air Flow (Hi/Mi/Lo)	759/708/598 CFM
Noise Level (Hi/Mi/Lo)	53/48/42 dB(A)
Unit Dimension (WxDxH)	42.05x26.57x9.25 in
Net/Gross Weight	58.42/69.23 lb

#### **OUTDOOR SPECIFICATION**

Air flow	2354 CFM
Noise Level	60 dB(A)
Dimension (WxDxH)	37.24x16.14x31.89 in
Net/Gross weight	135.58/148.81 lb
Refrigerant type/Quantity	R410A/91.7 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	LICOT Design IV	11.5
EER	11.5	HSPF Region IV	

#### **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	3/8 - 5/8 in	
Max. refrigerant pipe length	164 ft	
Max. difference in level	82 ft	

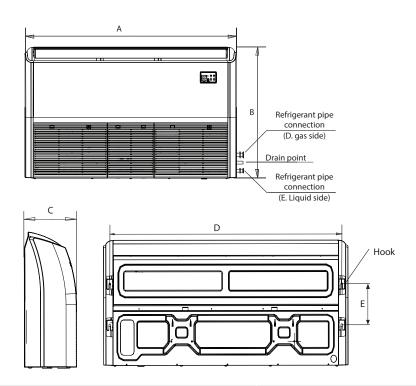


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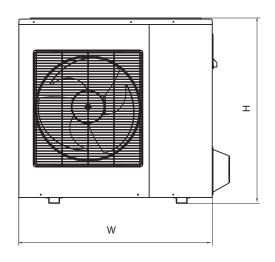
SUBMITTAL DATA SHEET	CH-24MSPHFC-230VI	CH-HYP24SPH230V0
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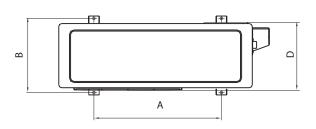
## **INDOOR UNIT**



Unit Dimensions, in			Mounting Di	mensions, in
A	В	С	D	E
42.05	26.57	9.25	38.7	8.7

#### **OUTDOOR UNIT**





Outdoor Unit Dimensions	Mounting Dimensions, in		
WxDxH, in	Distance A	Distance B	
37.24x16.14x31.89	26.5	15.87	