

## **SOPHIA Series**

### **DUCT TYPE**

# SUBMITTAL DATA SHEET CH-M18DTUI Date: Lacation: Engineer: Submitted to: Unit #:



Submitted by:



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.

#### **FUTURES**

- Flexible Installation
- Fresh Air Function
- Wired Control
- Multi-Channel Air Distribution
- · Built-In Water Pump
- · Golden fin for outdoor and indoor
- Lower Noise
- Higher Pipe Limits
- Slim Design

#### **UNIT SPECIFICATION**

Air Flow (Hi/Mi/Lo)	530/450/371 CFM
Noise Level (Hi/Mi/Lo)	39/37/35 dB(A)
Unit Dimension(W*D*H)	34.65x26.54x8.27 in
Net/Gross Weight	52.47/65.04 lb

#### PERFORMANCE AND EFFICIENCY

Coo	ling	Heating			
18,000	) Btu/h	18,000 Btu/h			
SEER	SEER 19.0		3.14		
EER	12.5	HSPF4/ HSPF5	10.5/9		

#### **OPERATION TEMPERATURE RANGE**

Cooling	Heating
62~90°F	32~86°F

#### **ELECTRICAL**

Power supply	208-230V/ 60Hz, 1Ph		
MCA	15		
MFA	20		
Fan motor			
Input 90 W			
RLA	1.2 A		

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

#### **PIPING**

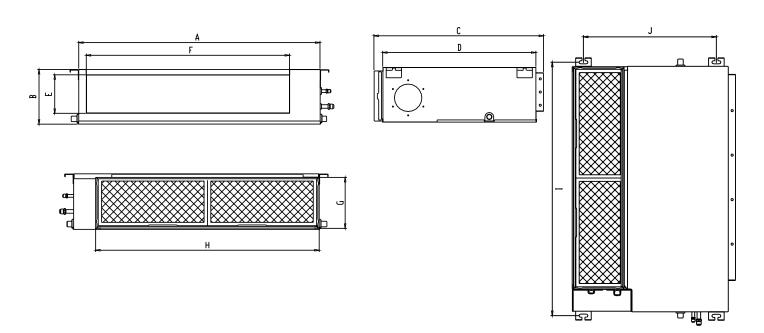
Refrigerant piping Liquid side/Gas side	1/4 - 1/2 in



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Outline dimension		air outlet opening size		air return opening size		Size of mounted lug			
Α	В	C	D	E	F	G	Н	1	J
34.65	8.27	26.54	23.6	5.4	27.8	7.5	30.8	36.2	20