



1900 Wellworth Ave. • Jackson, MI 49203
517-787-2100

Submittal Data

CMA1424SF-1

Project Name:	
Location:	
Engineer:	
Submitted to:	
Submitted by:	
Reference:	

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

Performance Data

Power supply Ph-V-Hz 208/230V~ 60Hz, 1Ph

Cooling

Capacity	Btu/h	23500
Total Load	A	7.05
EER	Btu/w	12.2
SEER	Btu/w	14.5
MIN. CIRCUIT AMPACITY	A	11
MAX.FUSE	A	15

Compressor Electrical

Model	ASH193DG-C8DU
Type	ROTARY
Brand	HIGHLY
Capacity	Btu/h 19210 (at 230V)
Input	W 1877 (at 230V)
Rated current(RLA)	A 8.36 (at 230V)
Coil Treatment	Silver

Fan Motor

Model	YDK-150-6CH F
Brand	CHIGO
Input	W 240
Capacitor	uF 5
Speed	r/min 800

Air Flow & Noise Level

Outdoor air flow	CFM	2647
Outdoor noise level	dB(A)	58

Controls

Thermostat type	Standard 24v Control
Connection wiring	18ga 2 Conductor



Min. Outdoor Ambient Temperature

Outdoor(cooling)	°F	65
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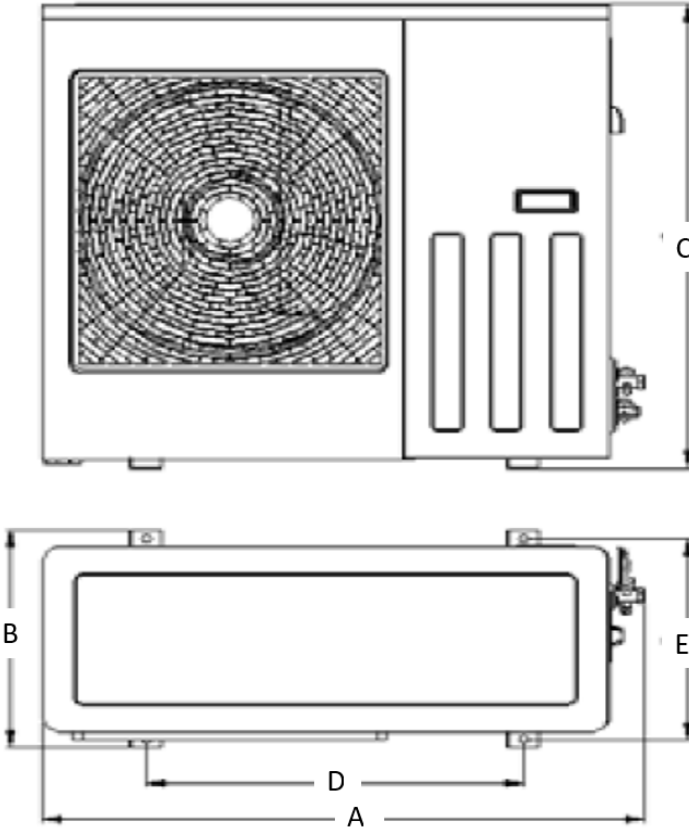
System Operational Data

Design pressure	PSIG	540/300
Refrigerant oil		α68HES-H or equivalent
Oil charge	oz	19.27
Refrigerant type/charge	oz	R410A/2700g
Liquid side/ Vapor side	in	3/8-5/8
Max. length	ft	65.6
Max. height difference	ft	32.8

Dimensional Data

Dimension(W*D*H)	inch	41.1x17x31.1
Packing (W*D*H)	inch	44.1x19.1x35.43
Net/Gross weight	lbs.	141/152

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Accessories

83907	Surge Protection
83916	Disconnect with internal surge
83335	60 amp Unfused Disconnect
93642	Wall Mount Bracket
93540	Condenser Pad

Dimensions

Model	CMA1424SF-1
A	41.1"
B	17.0"
C	31.1"
D	27.8"
E	15.5"