



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

# Submittal Data

CMA1424SG-1

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

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

### Performance Data

Power supply	Ph-V-Hz	
<b><u>Cooling</u></b>		
Capacity	Btu/h	23,400
Input	W	2060
Rated current	A	9.5
EER	Btu/w	12.2
SEER	Btu/w	14.5
MINIMUM CIRCUIT AMPACITY	A	11.5
MAX.FUSE	A	15

### Compressor Electrical

Model	ASL193DG-C8EU1
Type	ROTARY
Brand	GIGHLY
Capacity	Btu/h 19450
Input	W 1858
Rated current(RLA)	A 8
Coil Treatment	/
Thermal protector position	Internal
Connection wiring	18ga 2 Conductor

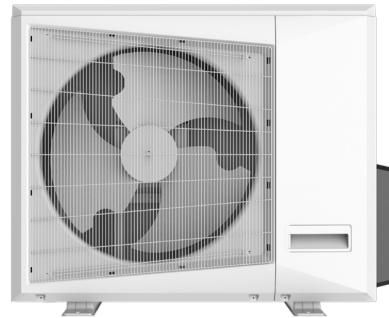
### Air Flow & Noise Level

Outdoor air flow	CFM	2680
Outdoor noise level	dB(A)	58

**Thermostat type** Standard 24v Control

### Fan Motor

Model	YDK-105-6P2-1
Brand	Xinjun
Input	W 197
RLA	A 0.86
LRA	A 0.99
Winding Resistance	Ω 56.9
Capacitor	uF 5
Speed	r/min 880



### Ambient Temperature

Outdoor(cooling) Deg. F 65-109

### System Operational Data

Design pressure	PSIG Hi (540) Lo(300)
Refrigerant oil/oil charge	ml 550
Refrigerant type/charge	oz 97
Refrigerant precharge	g 2750
Additional charge per ft.	oz 0.32
Liquid side/ Gas side	in 3/8" / 5/8"
Max. length	ft 82
Max. height difference	ft 33

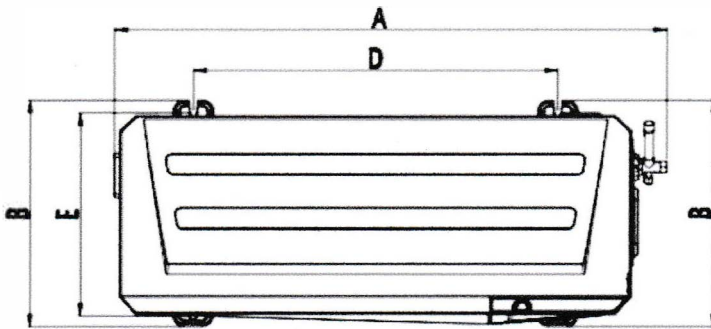
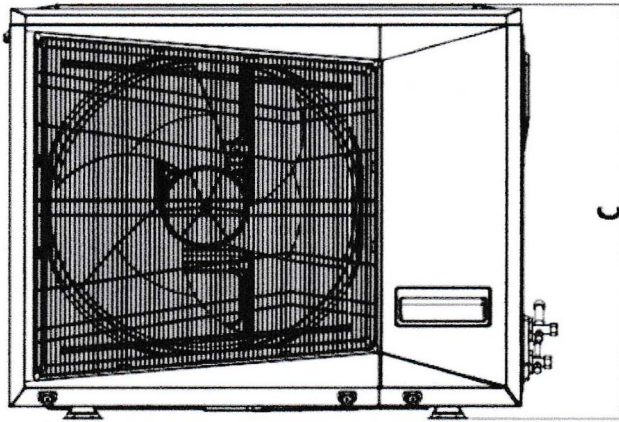
### Dimensional Data

Dimension(W*D*H)	inch 82
Packing (W*D*H)	inch 33
Net/Gross weight	lbs. 141.1/152.1

# CMA14--SG

## Accessories

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



Model	A	B	C	D	E
24K	40.0	17.5	31.9	26.4	15.2

**Use of piston-style metering device is typical.  
Where TXV's are used, a 15% bleed-type is required.  
Use of Non-bleed TXV's will void warranty.**

**Bleed-Style TXV's** for use with CMA14-SERIES and Comfort-Aire Coils/Air Handlers:

- **67304001** TXV for use with **CMA14 1.0T – 3.0T**
  - (C,M)CG\*P Coils
  - HMG/HCG Air Handlers
- **4203** TXV for use with **CMA14 1.5T – 3.0T**
  - (C,M)CG\*M Coils
  - HWCG Hydronic Air Handlers