



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

# Submittal Data

CMA1448SG-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	46,000
Input	W	4190
Rated current	A	9.5
EER	Btu/w	12.2
SEER	Btu/w	14.5
MINIMUM CIRCUIT AMPACITY	A	25
MAX.FUSE	A	40

### Compressor Electrical

Model		ABG042KAC
Type		ROTARY
Brand		LG
Capacity	Btu/h	44210
Input	W	3962
Rated current(RLA)	A	17.3
Coil Treatment	/	
Thermal protector position	Internal	
Connection wiring	18ga 2 Conductor	

### Air Flow & Noise Level

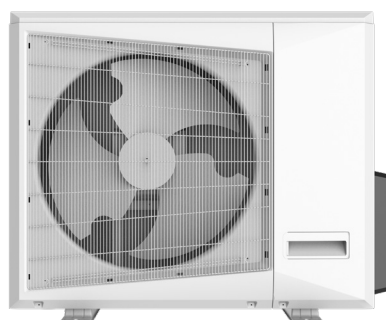
Outdoor air flow	CFM	4010
Outdoor noise level	dB(A)	60

### Thermostat type

Standard 24v Control

### Fan Motor

Model		DRN-310-220-8
Brand		Yongan
Input	W	220
RLA	A	2.1
LRA	A	/
Winding Resistance	Ω	25.6
Capacitor	uF	6
Speed	r/min	870



### Ambient Temperature

Outdoor(cooling) Deg. F 65-109

### System Operational Data

Design pressure	PSIG	Hi (540) Lo(300)
Refrigerant oil/oil charge	ml	1280
Refrigerant type/charge	oz	141.1
Refrigerant precharge	g	4000
Additional charge per ft.	oz	0.32
Liquid side/ Gas side	in	3/8" / 3/4"
Max. length	ft	98
Max. height difference	ft	49

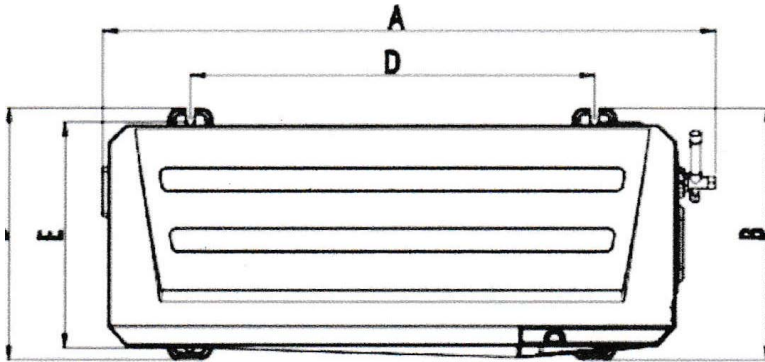
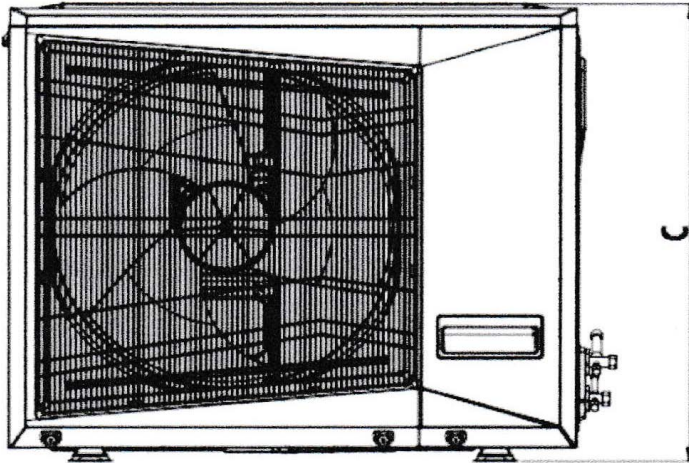
### Dimensional Data

Dimension(W*D*H)	inch	43.3x20.8x34.3
Packing (W*D*H)	inch	45.2x22.0x37.6
Net/Gross weight	lbs.	200.5/216.0

# 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
48K	43.3	20.8	34.3	25.0	17.4

**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