



**GMA SERIES**

# HORIZONTAL CONDENSER

Horizontal condenser is compact in size to fit in tight spaces without detracting from landscaping and outdoor living areas, which also makes it great for apartment complexes and condominiums

Condenser is AHRI matched to Heat Controller coils and can be used with our modular blower (with matching coil) ; also AHRI matched to our hydronic air handlers

Ultra quiet operation is rated as low as 56 decibels

Attractive cabinet is galvanized steel with painted finish for durability, in attractive neutral color

Low voltage 24V control system for universal use

Ambient Operating Range:  
65° F to 110° F (18° C to 43° C)



**1 to 3 Tons**  
Five models to choose  
from, 12,000 to 36,000 BTUH



**Use with R-410A coils  
(using furnace blower for  
air delivery)**

**Use with our  
HWCG hydronic  
air handlers**



AHRI matched with our  
CCG uncased, MCG  
multi-position cased, &  
VCG vertical cased coils



See details of these products:  
[www.comfort-aire.com](http://www.comfort-aire.com)

# CMA SERIES HORIZONTAL CONDENSER

0=115-1-60, 1=208/230V-1-60

SPECIFICATIONS	CMA12SB-0	CMA18SB-1	CMA24SB-1	CMA30SB-1	CMA36SB-1
Nom. Cooling Capacity (BTUH)	12,000	18,000	24,000	30,000	33,400
SEER <sup>1</sup>	13.0	14.0	14.0	13.0	13.0
EER	12.0	12.5	12.5	11.65	12.0
Ambient Operation Temp.	64° F to 109° F (18° C to 43° C)				
Operation Sound Level dB(A)	56	56	57	61	56
Outdoor Airflow CFM	1200	1390	2130	3800	2130
ELECTRICAL					
Cooling Amps	9.5	7.1	9.1	12	11.9
Min. Circuit Ampacity	15A	15A	15A	16A	20A
Max. Fuse/HACR Circuit Breaker	20A	15A	20A	25A	30A
Recommended Connection	18-2 (24V) <sup>2</sup>				
SYSTEM COMPONENTS					
Compressor Type	Rotary	Rotary	Rotary	Rotary	Rotary
Condenser	Aluminum fin/copper tube				
LINE SET SPECIFICATIONS					
Liquid Line (inch) (flare)	1/4	1/4	3/8	3/8	3/8
Gas Line (inch) (flare)	1/2	1/2	3/4	3/4	3/4
Max. Ref. Pipe Length	49 ft	82 ft	82 ft	90 ft	98 ft
Max. Difference in Elevation <sup>3</sup>	26	49	49	58	66
PHYSICAL CHARACTERISTICS					
Dimensions (in.) W x H x D	30 <sup>5</sup> / <sub>16</sub> x 21 <sup>7</sup> / <sub>8</sub> x 11 <sup>13</sup> / <sub>16</sub>	33 <sup>5</sup> / <sub>16</sub> x 27 <sup>5</sup> / <sub>8</sub> x 14 <sup>5</sup> / <sub>16</sub>	40 <sup>9</sup> / <sub>16</sub> x 31 <sup>7</sup> / <sub>8</sub> x 16 <sup>1</sup> / <sub>8</sub>	40 x 38 x 13 <sup>5</sup> / <sub>8</sub>	40 <sup>9</sup> / <sub>16</sub> x 31 <sup>7</sup> / <sub>8</sub> x 16 <sup>1</sup> / <sub>8</sub>
Net Wt/Shipping Wt (lbs)	73/78	105/112	134/147	157/181	148/161

## AHRI CERTIFIED MATCHES<sup>4</sup>

CASED & UNCASD COILS						
CONDENSER	COIL # PREFIX	MODEL CCG-, MCG-, VCG-	SEER	EER	CAPACITY (BTUH)	CFM
CMA12SB-0	<b>CCG</b> =Uncased <b>MCG</b> =Multi-Position Cased <b>VCG</b> =Vertical Cased	-24TA2E, -24TB2E	13.0	12.0	12,000	400
CMA18SB-1		-24TA2E, -24TB2E	13.0	10.9	18,000	600
CMA24SB-1		-24TA2E, -24TB2E	13.0	10.8	24,000	800
CMA30SB-1		-36TB2E, -36TC2E	13.0	10.8	30,000	1000
CMA36SB-1		-36TB2E, -36TC2E	13.0	10.9	35,800	1100

Use any of these coils with the HMB modular blower to create a two-piece air handler for tight spaces.

HYDRONIC AIR HANDLERS						
CONDENSER	HYDRONIC AIR HANDLER	SEER	EER	CAPACITY (BTUH)	SENSIBLE (BTUH)	CFM
CMA12SB-0	—	—	—	—	—	—
CMA18SB-1	HWCG24X0A	13.0	11.5	18,000	14,812	600
CMA24SB-1	HWCG24X0A	13.0	11.3	23,000	19,041	800
	HWCG30X0A	13.5	11.6	24,000	19,413	800
CMA30SB-1	HWCG30X0A	13.5	12.0	30,000	23,989	1000
CMA36SB-1	HWCG42X0A	13.5	11.0	36,000	28,180	1200

### NOTES:

- Nominal SEER rating; refer to AHRI Directory of certified products.
- Always follow local and national electrical codes.
- Oil traps must be installed every 10 feet when outdoor unit is installed above indoor unit.
- Refer to AHRI Directory of certified products for the most up-to-date information.

Due to ongoing product improvements, specifications and dimensions are subject to change and correction without notice or incurring obligations. Determining the application and suitability for use of any product is the responsibility of the installer. Additionally, the installer is responsible for verifying dimensional data on the actual product prior to beginning any installation preparations. Incentive and rebate programs have precise requirements as to product performance and certification. All products meet applicable regulations in effect on date of manufacture; however, certifications are not necessarily granted for the life a product. Therefore, it is the responsibility of the applicant to determine whether a specific model qualifies for these incentive/rebate programs.



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