



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



CMA SERIES HORIZ	ONTAL CON	DENSER	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		
SEER1	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) ²						
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 ³	26	49	49	58	66		
PHYSICAL CHARACTERISTICS							
Dimensions (in.) WxHxD	30 ⁵ / ₁₆ x 21 ⁷ / ₈ x 11 ¹³ / ₁₆	33 ⁵ / ₁₆ x 27 ⁵ / ₈ x 14 ⁵ / ₁₆	40 ⁹ / ₁₆ x 31 ⁷ / ₈ x 16 ¹ / ₈	40 x 38 x 13 ⁵ / ₈	40 ⁹ /16 x 31 ⁷ /8 x 16 ¹ /8		
Net Wt/Shipping Wt (lbs)	73/78	105/112	134/147	157/181	148/161		

AHRI CERTIFIED MATCHES ⁴								
CASED & UNCASED COILS								
CONDENSER	COIL # PREFIX	MODEL CCG-, MCG-, VCG-	SEER	EER	CAPACITY (BTUH)	CFM		
CMA12SB-0	CCG=Uncased MCG=Multi- Position Cased VCG=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.

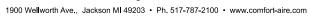
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HYDRONIC AIR HANDLERS								
CONDENSER	HYDRONIC AIR HANDLER	SEER	EER	CAPACITY (BTUH)	SENSIBLE (BTUH)	CFM		
CMA12SB-0		_	_	_				
CMA18SB-1	HWCG24X0A	13.0	11.5	18,000	14,812	600		
CMA24SB-1	HWCG24X0A	13.0	11.3	23,000	19,041	800		
	HWCG30X0A	13.5	11.6	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.
- ² Always follow local and national electrical codes.
- ³ Oil traps must be installed every 10 feet when outdoor unit is installed above indoor unit.

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.





⁴ Refer to AHRI Directory of certified products for the most upto-date information