



# Marc Climatic Controls, Inc.

## HAZARDOUS LOCATION

Split-System Air Conditioners & Heat Pumps

1-1/2 to 20 Tons

Class I, Division 2, Groups B, C, D



Horizontal

AAUX T-Series Air Handler With DX Coil



### Features:

- CSA certified assuring safety and performance.
- Spark-proof construction.
- Horizontal or vertical air handler installation.
- Thermostat on intrinsically safe circuit.
- NPT conduit connection and terminals for easy power wiring.
- No conduit seal required.
- Aluminum finned copper tube coils provide maximum transfer.
- Expansion valve and air filters included in air handler.

### Options:

- **Electric heat** with stainless steel finned-tubular elements (air conditioners only).
- Steam heat.
- Stainless steel cabinets.
- Corrosion coatings extend cabinet and coil life in harsh environments for reduced maintenance and increased long term cost savings.
- Tropicalization.
- Copper-finned copper tube coils.
- Complete ductwork system.
- Support stand and discharge plenum for vertical air handler.
- Disconnects.
- 50 HZ Service.
- TEFC or explosion-proof (Groups C,D) motors.



Vertical



CLSX C-Series Condensing Unit  
Shown With Coated Coils

# SPLIT-SYSTEM AIR CONDITIONERS C-SERIES, 1.5 - 5 TONS R-22 (other refrigerants available) - 60 HZ -

# HAZARDOUS LOCATIONS CLASS I, DIVISION 2, GROUPS B, C, D OPERATING TEMPERATURE CODE T3C - 320°F (160°C)

The air conditioners shown below are certified by CSA International to U.S. and Canadian standards for use in Class I, Division 2, Groups B, C, D hazardous (classified) locations. CSA International is accredited as a Nationally Recognized Testing Laboratory by the U.S. Occupational Safety and Health Administration (OSHA).

Air Handler Model No.	Condensing Unit Model No.	Nom. Tons	Cooling BTUH (1) Total	Cooling BTUH Sensible	Volts Phase Hertz	MCA (2)	MFS (3)	Air Handler Blower (4)	CFM & E.S.P. (5)	Net Wt. LBS
AAUX017-216	CLSX017-216	1.5	17,900	14,900	230/208-1-60	2.3	15	0.25 HP - DD	745 @ 0.4	125
					230/208-1-60	10.1	15			155
AAUX023-216	CLSX023-216	2	22,700	17,950	230/208-1-60	2.3	15	0.25 HP - DD	860 @ 0.4	142
					230/208-1-60	13.8	20			155
AAUX027-216	CLSX027-216	2.5	27,500	21,000	230/208-1-60	3.0	15	0.25 HP - DD	900 @ 0.4	150
					230/208-1-60	18.7	30			165
AAUX027-216	CLSX027-236	2.5	27,500	21,000	230/208-1-60	3.0	15	0.25 HP - DD	900 @ 0.4	150
					230/208-3-60	13.5	20			165
AAUX034-216	CLSX034-216	3	33,800	26,200	230/208-1-60	3.0	15	0.33 HP - DD	1220 @ .4	170
					230/208-1-60	19.1	30			180
AAUX034-216	CLSX034-236	3	33,800	26,200	230/208-1-60	3.0	15	0.33 HP - DD	1220 @ .4	170
					230/208-3-60	13.9	20			180
AAUX034-216	CLSX034-436	3	33,800	26,200	230/208-1-60	3.0	15	0.33 HP - DD	1220 @ .4	170
					460-3-60	7.9	15			180
AAUX041-216	CLSX041-216	3.5	40,900	31,600	230/208-1-60	3.6	15	0.5 HP - DD	1520 @ .4	175
					230/208-1-60	25.4	40			225
AAUX041-216	CLSX041-236	3.5	40,900	31,600	230/208-1-60	3.6	15	0.5 HP - DD	1520 @ .4	175
					230/208-3-60	17.4	25			225
AAUX041-216	CLSX041-436	3.5	40,900	31,600	230/208-1-60	3.6	15	0.5 HP - DD	1520 @ .4	175
					460-3-60	8.2	15			225
AAUX047-216	CLSX047-216	4	46,900	35,600	230/208-1-60	5.4	15	0.75 HP - DD	1600 @ .4	195
					230/208-1-60	26.4	40			236
AAUX047-216	CLSX047-236	4	46,900	35,600	230/208-1-60	5.4	15	0.75 HP - DD	1600 @ .4	195
					230/208-3-60	17.6	25			236
AAUX047-216	CLSX047-436	4	46,900	35,600	230/208-1-60	5.4	15	0.75 HP - DD	1600 @ .4	195
					460-3-60	8.2	15			236
AAUX056-216	CLSX056-216	5	55,500	40,900	230/208-1-60	6.5	15	0.75 HP - DD	1875 @ .4	223
					230/208-1-60	32.9	50			270
AAUX056-216	CLSX056-236	5	55,500	40,900	230/208-1-60	6.5	15	0.75 HP - DD	1875 @ .4	223
					230/208-3-60	21.0	30			270
AAUX056-216	CLSX056-436	5	55,500	40,900	230/208-1-60	6.5	15	0.75 HP - DD	1875 @ .4	223
					460-3-60	9.7	15			270

(1) Rated at 95°F ambient with 80°DB / 67°WB return air temperature.

(2) MCA: Minimum Circuit Ampacity.

(3) MFS: Recommended Time Delay Fuse or HACR Type Circuit Breaker.

(4) HP = Horsepower, DD = Direct Drive.

Note: Condensing units are single compressor.

Specifications are subject to change without notice.

6-11-07



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**SPLIT-SYSTEM  
AIR CONDITIONERS  
C-SERIES, 6 - 20 TONS  
R-22 (other refrigerants available)  
- 60 HZ -**

**HAZARDOUS LOCATIONS  
CLASS I, DIVISION 2, GROUPS B, C, D  
OPERATING TEMPERATURE CODE  
T3C - 320°F (160°C)**

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Air Handler Model No.	Condensing Unit Model No.	Nom. Tons	Cooling BTUH Total (1)	Cooling BTUH Sensible	Volts Phase Hertz	MCA (2)	MFS (3)	Air Handler Blower (4)	CFM & E.S.P. (5)	Net Wt. LBS
AAUX071-236	CLSX071-236	6	71,100	54,600	230/208-3-60	6.5	15	0.60 BHP - BD	2400 @ 0.4	415
						25.8	35			360
AAUX071-436	CLSX071-436	6	71,100	54,600	460-3-60	3.3	15	0.60 BHP - BD	2400 @ 0.4	415
						12.8	20			360
AAUX092-236	CLSX092-236	7.5	92,500	69,000	230/208-3-60	6.5	15	1.07 BHP - BD	3000 @ 0.6	420
						35.0	60			445
AAUX092-436	CLSX092-436	7.5	92,500	69,000	460-3-60	3.3	15	1.07 BHP - BD	3000 @ 0.6	420
						17.4	30			445
AAUX118-236	CLSX118-236	10	118,000	90,700	230/208-3-60	6.5	15	1.91 BHP - BD	4000 @ 0.6	440
						39.0	50			590
AAUX118-436	CLSX118-436	10	118,000	90,700	460-3-60	3.3	15	1.91 BHP - BD	4000 @ 0.6	440
						19.4	25			590
AAUX149-236	CLSX149-236	12.5	149,000	112,000	230/208-3-60	9.4	15	1.69 BHP - BD	5000 @ 0.6	705
						55.6	70			775
AAUX149-436	CLSX149-436	12.5	149,000	112,000	460-3-60	4.3	15	1.69 BHP - BD	5000 @ 0.6	705
						27.7	35			775
AAUX193-236	CLSX193-236	15	193,000	141,000	230/208-3-60	12.8	20	2.11 BHP - BD	6000 @ 0.6	720
						81.2	100			840
AAUX193-436	CLSX193-436	15	193,000	141,000	460-3-60	6.0	15	2.11 BHP - BD	6000 @ 0.6	720
						42.1	50			840
AAUX244-236	CLSX244-236	20	244,000	184,000	230/208-3-60	16.0/18.3	25/30	3.77 BHP - BD	8000 @ 0.6	725
						94.1	125			865
AAUX244-436	CLSX244-436	20	244,000	184,000	460-3-60	8.0	15	3.77 BHP - BD	8000 @ 0.6	725
						48.4	60			865

- (1) Rated at 95°F ambient with 80°DB / 67°WB return air temperature.
- (2) MCA: Minimum Circuit Ampacity. Ratings for AAUX244-236 are shown at 230 volt and 208 volt respectively.
- (3) MFS: Recommended Time Delay Fuse or HACR Type Circuit Breaker.
- (4) BHP = Brake Horsepower, BD = Belt Drive.
- (5) Higher external static is available with oversized motor.

Note: 6 through 7.5 ton sizes are single compressor. 10 ton and larger are dual compressor. For sizes 12.5 through 20 ton a single semi-hermetic compressor is optional. Specifications are subject to change without notice.  
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