



# 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  
i-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
AAUX018-216	CLSX018-216	1.5	17,800	13,800	230/208-1-60	3.5	15	0.33 HP - DD	660 @ 0.4	125
					230/208-1-60	10.1	15			155
AAUX024-216	CLSX024-216	2	23,800	18,800	230/208-1-60	3.5	15	0.33 HP - DD	830 @ 0.4	142
					230/208-1-60	13.8	20			155
AAUX028-216	CLSX028-216	2.5	28,000	22,400	230/208-1-60	3.5	15	0.33 HP - DD	1020 @ 0.4	150
					230/208-1-60	18.7	30			165
AAUX035-216	CLSX035-216	3	35,600	28,100	230/208-1-60	5.1	15	0.5 HP - DD	1180 @ .4	175
					230/208-1-60	19.4	30			180
AAUX035-216	CLS0X35-236	3	35,600	28,100	230/208-1-60	5.1	15	0.5 HP - DD	1180 @ .4	175
					230/208-3-60	13.9	20			180
AAUX035-216	CLSX035-436	3	35,600	28,100	230/208-1-60	5.1	15	0.5 HP - DD	1180 @ .4	175
					460-3-60	7.9	15			180
AAUX041-216	CLSX041-216	3.5	41,500	31,900	230/208-1-60	5.1	15	0.5 HP - DD	1340 @ .4	175
					230/208-1-60	25.4	40			225
AAUX041-216	CLSX041-236	3.5	41,500	31,900	230/208-1-60	5.1	15	0.5 HP - DD	1340 @ .4	175
					230/208-3-60	17.4	25			225
AAUX041-216	CLSX041-436	3.5	41,500	31,900	230/208-1-60	5.1	15	0.5 HP - DD	1340 @ .4	175
					460-3-60	8.2	15			225
AAUX047-216	CLSX047-216	4	47,500	36,100	230/208-1-60	7.4	15	0.75 HP - DD	1540 @ .4	195
					230/208-1-60	26.4	40			245
AAUX047-216	CLSX047-236	4	47,500	36,100	230/208-1-60	7.4	15	0.75 HP - DD	1540 @ .4	195
					230/208-3-60	17.6	25			245
AAUX047-216	CLSX047-436	4	47,500	36,100	230/208-1-60	7.4	15	0.75 HP - DD	1540 @ .4	195
					460-3-60	8.2	15			245
AAUX057-216	CLSX057-216	5	57,500	44,200	230/208-1-60	7.4	15	0.75 HP - DD	1950 @ .4	223
					230/208-1-60	32.9	50			270
AAUX057-216	CLSX057-236	5	57,500	44,200	230/208-1-60	7.4	15	0.75 HP - DD	1950 @ .4	223
					230/208-3-60	21.0	30			270
AAUX057-216	CLSX057-436	5	57,500	44,200	230/208-1-60	7.4	15	0.75 HP - DD	1950 @ .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.

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i-SERIES, 7.5 - 20 TONS  
R-22 (other refrigerants available)  
- 60 HZ -**

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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
AAUX123-236	CLSX096-236	7.5	96,800	67,700	230/208-3-60	6.5	15	1.51 BHP - BD	4000 @ 0.6	440
						35.4	45			445
AAUX123-436	CLSX096-436	7.5	96,800	67,700	460-3-60	3.3	15	1.51 BHP - BD	4000 @ 0.6	440
						19.2	25			445
AAUX123-236	CLSX123-236	10	123,000	91,900	230/208-3-60	6.5	15	1.51 BHP - BD	4000 @ 0.6	440
						50.3	70			590
AAUX123-436	CLSX123-436	10	123,000	91,900	460-3-60	3.3	15	1.51 BHP - BD	4000 @ 0.6	440
						18.6	30			590
AAUX149-236	CLSX149-236	12.5	149,000	112,000	230/208-3-60	9.4	15	1.62 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	1.62 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	2.04 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	2.04 BHP - BD	6000 @ 0.6	720
						42.1	50			840
AAUX254-236	CLSX254-236	20	254,000	193,000	230/208-3-60	16.0/18.3	25/30	3.49 BHP - BD	8000 @ 0.6	765
						94.1	125			865
AAUX254-436	CLSX254-436	20	254,000	193,000	460-3-60	8.0	15	3.49 BHP - BD	8000 @ 0.6	765
						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 AAUX254-236 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: 10 ton has one scroll compressor. All other sizes have tandem scroll compressors for 2-stage operation and with a single refrigerant circuit.

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