



# 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  
T-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 Total (1)	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	17,200	12,200	230/208-1-60	1.8	15	0.25 HP - DD	670 @ 0.06	145
					230/208-1-60	8.0	15			195
AAUX024-216	CLSX024-216	2	22,200	16,100	230/208-1-60	2.0	15	0.25 HP - DD	850 @ 0.4	145
					230/208-1-60	12.0	20			205
AAUX030-216	CLSX030-216	2.5	26,900	19,500	230/208-1-60	2.7	15	0.33 HP - DD	950 @ 0.4	155
					230/208-1-60	13.0	20			230
AAUX030-216	CLSX030-236	2.5	27,600	21,600	230/208-1-60	2.7	15	0.33 HP - DD	950 @ 0.4	155
					230/208-3-60	9.0	15			230
AAUX030-216	CLSX030-436	2.5	27,600	21,600	230/208-1-60	2.7	15	0.33 HP - DD	950 @ 0.4	155
					460-3-60	5.0	15			230
AAUX036-216	CLSX036-216	3	33,400	23,700	230/208-1-60	2.8	15	0.33 HP - DD	1160 @ 0.4	155
					230/208-1-60	18.0	30			230
AAUX036-216	CLSX036-236	3	34,200	26,200	230/208-1-60	2.8	15	0.33 HP - DD	1160 @ 0.4	155
					230/208-3-60	13.0	20			230
AAUX036-216	CLSX036-436	3	34,200	26,200	230/208-1-60	2.8	15	0.33 HP - DD	1160 @ 0.4	155
					460-3-60	7.0	15			230
AAUX042-216	CLSX042-216	3.5	40,000	27,200	230/208-1-60	4.2	15	0.50 HP - DD	1450 @ 0.4	185
					230/208-1-60	21.0	35			280
AAUX042-216	CLSX042-236	3.5	41,000	31,800	230/208-1-60	4.2	15	0.50 HP - DD	1450 @ 0.4	185
					230/208-3-60	13.0	20			245
AAUX042-216	CLSX042-436	3.5	41,000	31,800	230/208-1-60	4.2	15	0.50 HP - DD	1450 @ 0.4	185
					460-3-60	7.0	15			245
AAUX048-216	CLSX048-216	4	45,900	32,600	230/208-1-60	3.4	15	0.50 HP - DD	1710 @ 0.4	185
					230/208-1-60	25.0	40			300
AAUX048-216	CLSX048-236	4	47,000	35,800	230/208-1-60	3.4	15	0.50 HP - DD	1710 @ 0.4	185
					230/208-3-60	16.0	25			300
AAUX048-216	CLSX048-436	4	47,000	35,800	230/208-1-60	3.4	15	0.50 HP - DD	1710 @ 0.4	185
					460-3-60	9.0	15			300
AAUX060-216	CLSX060-216	5	56,800	41,300	230/208-1-60	9.5	15	1.0 HP - DD	1925 @ 0.5	185
					230/208-1-60	33.0	50			305
AAUX060-216	CLSX060-236	5	58,000	41,500	230/208-1-60	9.5	15	1.0 HP - DD	1925 @ 0.5	185
					230/208-3-60	23.0	40			305
AAUX060-216	CLSX060-436	5	58,000	41,500	230/208-1-60	9.5	15	1.0 HP - DD	1925 @ 0.5	185
					460-3-60	10.5	15			305

- (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 1: Condensing units are single compressor.
- Note 2: 5 ton air handling unit is available in 3-phase and belt drive.
- Specifications are subject to change without notice.
- 6-18-07



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AIR CONDITIONERS  
T-SERIES, 6 - 20 TONS  
R-22 (other refrigerants available)  
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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
AAUX090-236	CLSX072-236	6	71,000	52,000	230/208-3-60	7.0	15	1.5 HP - BD	2400 @ 1.0	355
						26.0	45			320
AAUX090-436	CLSX072-436	6	71,000	52,000	460-3-60	4.0	15	1.5 HP - BD	2400 @ 1.0	355
						14.0	20			320
AAUX090-236	CLSX090-236	7.5	92,000	65,500	230/208-3-60	7.0	15	1.5 HP - BD	3000 @ 1.0	355
						34.5	50			385
AAUX090-436	CLSX090-436	7.5	92,000	65,500	460-3-60	4.0	15	1.5 HP - BD	3000 @ 1.0	355
						18.1	25			385
AAUX120-236	CLSX120-236	10	125,800	88,700	230/208-3-60	8.0	15	2.0 HP - BD	4000 @ 1.0	430
						47.9	60			500
AAUX120-436	CLSX120-436	10	125,800	88,700	460-3-60	5.0	15	2.0 HP - BD	4000 @ 1.0	430
						23.9	30			500
AAUX180-236	CLSX150-236	12.5	148,500	106,900	230/208-3-60	12.0	20	3.0 HP - BD	5000 @ 1.0	730
						55.5	70			525
AAUX180-436	CLSX150-436	12.5	148,500	106,900	460-3-60	6.0	15	3.0 HP - BD	5000 @ 1.0	730
						28.1	35			525
AAUX180-236	CLSX180-236	15	182,700	129,900	230/208-3-60	12.0	20	3.0 HP - BD	6000 @ .90	730
						62.7	80			780
AAUX180-436	CLSX180-436	15	182,700	129,900	460-3-60	6.0	15	3.0 HP - BD	6000 @ .90	730
						32.9	45			780
AAUX240-236	CLSX240-236	20	246,500	175,500	230/208-3-60	19.0	25	5.0 HP - BD	8000 @ 0.80	850
						87.8	100			965
AAUX240-436	CLSX240-436	20	246,500	175,500	460-3-60	9.0	15	5.0 HP - BD	8000 @ 0.80	850
						42.5	50			965

- (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, BD = Belt Drive.
- (5) E.S.P. is rated for 230 volt (208 volt will be lower). Higher external static is available with oversized motor.

Note: 6 and 7.5 ton sizes are single compressor. 10 ton and larger are dual compressor.

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