



# 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  
HEAT PUMPS  
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 heat pumps 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	Total Cooling BTUH (1)	Sensible Cooling BTUH	Heating BTUH (2)	Volts Phase Hertz	MCA (3)	MFS (4)	Air Handler Blower (5)	CFM & E.S.P.	Net Wt. LBS
AHUX018-216	CLHX018-216	1.5	17,500	13,300	17,500	230/208-1-60	3.5	15	0.33 HP - DD	660 @ 0.4	125
						230/208-1-60	11.7	20			185
AHUX023-216	CLHX023-216	2	23,000	17,700	23,400	230/208-1-60	3.5	15	0.33 HP - DD	830 @ 0.4	142
						230/208-1-60	14.8	25			185
AHUX029-216	CLHX029-216	2.5	28,800	21,600	29,800	230/208-1-60	3.5	15	0.33 HP - DD	1020 @ 0.4	150
						230/208-1-60	19.2	30			225
AHUX035-216	CLHX035-216	3	34,800	26,700	34,000	230/208-1-60	5.1	15	0.5 HP - DD	1180 @ .4	175
						230/208-1-60	22.1	35			235
AHUX035-216	CLHX035-236	3	34,800	26,700	34,000	230/208-1-60	5.1	15	0.5 HP - DD	1180 @ .4	175
						230/208-3-60	13.9	20			235
AHUX035-216	CLHX035-436	3	34,800	26,700	34,000	230/208-1-60	5.1	15	0.5 HP - DD	1180 @ .4	175
						460-3-60	7.4	15			235
AHUX042-216	CLHX042-216	3.5	42,000	31,500	42,000	230/208-1-60	5.1	15	0.5 HP - DD	1340 @ .4	175
						230/208-1-60	27.4	40			255
AHUX042-216	CLHX042-236	3.5	42,000	31,500	42,000	230/208-1-60	5.1	15	0.5 HP - DD	1340 @ .4	175
						230/208-3-60	17.4	25			255
AHUX042-216	CLHX042-436	3.5	42,000	31,500	42,000	230/208-1-60	5.1	15	0.5 HP - DD	1340 @ .4	175
						460-3-60	8.2	15			255
AHUX046-216	CLHX046-216	4	46,500	34,800	48,000	230/208-1-60	7.4	15	0.75 HP - DD	1540 @ .4	195
						230/208-1-60	27.6	40			290
AHUX046-216	CLHX046-236	4	46,500	34,800	48,000	230/208-1-60	7.4	15	0.75 HP - DD	1540 @ .4	195
						230/208-3-60	17.6	25			290
AHUX046-216	CLHX046-436	4	46,500	34,800	48,000	230/208-1-60	7.4	15	0.75 HP - DD	1540 @ .4	195
						460-3-60	8.2	15			290
AHUX059-216	CLHX059-216	5	59,500	45,200	58,500	230/208-1-60	7.4	15	0.75 HP - DD	1950 @ .4	223
						230/208-1-60	37.3	60			320
AHUX059-216	CLHX059-236	5	59,500	45,200	58,500	230/208-1-60	7.4	15	0.75 HP - DD	1950 @ .4	223
						230/208-3-60	21.0	30			320
AHUX059-216	CLHX059-436	5	59,500	45,200	58,500	230/208-1-60	7.4	15	0.75 HP - DD	1950 @ .4	223
						460-3-60	9.7	15			320

- (1) Rated at 95°F ambient with 80°DB / 67°WB return air temperature.
- (2) Heat pump is rated at 47°F ambient and 70°DB return air temperature.
- (3) MCA: Minimum Circuit Ampacity.
- (4) MFS: Recommended Time Delay Fuse or HACR Type Circuit Breaker.
- (5) HP = Horsepower, DD = Direct Drive.

Note: Condensing units are single compressor.

Specifications are subject to change without notice.  
6-19-07



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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	Heating BTUH (2)	Volts Phase Hertz	MCA (3)	MFS (4)	Air Handler Blower (5)	CFM & E.S.P. (6)	Net Wt. LBS
AHUX111-236	CLHX092-236	7.5	92,200	68,200	80,400	230/208-3-60	6.5	15	1.57 BHP - BD	4000 @ 0.6	465
							37.2	60			525
AHUX111-436	CLHX092-436	7.5	92,200	68,200	80,400	460-3-60	3.3	15	1.57 BHP - BD	4000 @ 0.6	465
							18.6	30			525
AHUX111-236	CLHX111-236	10	111,000	89,700	103,000	230/208-3-60	6.5	15	1.57 BHP - BD	4000 @ 0.6	465
							45.0	60			605
AHUX111-436	CLHX111-436	10	111,000	89,700	103,000	460-3-60	3.3	15	1.57 BHP - BD	4000 @ 0.6	465
							23.0	30			605
AHUX182-236	CLHX182-236	15	182,000	141,000	177,000	230/208-3-60	12.8	20	2.11 BHP - BD	6000 @ 0.4	750
							87.5	125			905
AHUX182-436	CLHX182-436	15	182,000	141,000	177,000	460-3-60	6.0	15	2.11 BHP - BD	6000 @ 0.4	750
							40.7	60			905

- (1) Rated at 95°F ambient with 80°DB / 67°WB return air temperature.
- (2) Heat pump is rated at 47°F ambient and 70°DB return air temperature.
- (3) MCA: Minum Circuit Ampacity.
- (4) MFS: Recommended Time Delay Fuse or HACR Type Circuit Breaker.
- (5) BHP = Brake Horsepower, BD = Belt Drive.
- (6) Higher external static is available with oversized motor.

Note: 7.5 and 10 ton sizes are single compressor.  
15 ton has a single semi-hermetic compressor.

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