



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 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	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
AHUX017-216	CLHX017-216	1.5	17,200	13,700	17,400	203/208-1-60	2.3	15	0.25 HP - DD	745 @ 0.4	125
						203/208-1-60	11.7	20			185
AHUX023-216	CLHX023-216	2	22,600	17,400	23,800	203/208-1-60	2.3	15	0.25 HP - DD	860 @ 0.4	142
						203/208-1-60	14.8	25			185
AHUX028-216	CLHX028-216	2.5	27,900	20,100	29,800	203/208-1-60	3.0	15	0.25 HP - DD	900 @ 0.4	150
						203/208-1-60	19.2	30			235
AHUX028-216	CLHX028-236	2.5	27,900	20,100	29,800	203/208-1-60	3.0	15	0.25 HP - DD	900 @ 0.4	150
						203/208-3-60	13.8	20			235
AHUX034-216	CLHX034-216	3	34,200	26,300	35,200	203/208-1-60	3.0	15	0.33 HP - DD	1220 @ .4	170
						203/208-1-60	22.1	35			240
AHUX034-216	CLHX034-236	3	34,200	26,300	35,200	203/208-1-60	3.0	15	0.33 HP - DD	1220 @ .4	170
						203/208-3-60	15.1	25			240
AHUX034-216	CLHX034-436	3	34,200	26,300	35,200	203/208-1-60	3.0	15	0.33 HP - DD	1220 @ .4	170
						460-3-60	7.4	15			240
AHUX041-216	CLHX041-216	3.5	42,000	31,500	42,000	203/208-1-60	3.6	15	0.5 HP - DD	1520 @ .4	175
						203/208-1-60	27.4	40			260
AHUX041-216	CLHX041-236	3.5	42,000	31,500	42,000	203/208-1-60	3.6	15	0.5 HP - DD	1520 @ .4	175
						203/208-3-60	17.7	25			260
AHUX041-216	CLHX041-436	3.5	42,000	31,500	42,000	203/208-1-60	3.6	15	0.5 HP - DD	1520 @ .4	175
						460-3-60	8.5	15			260
AHUX046-216	CLHX046-216	4	45,500	35,000	48,000	203/208-1-60	5.4	15	0.75 HP - DD	1600 @ .4	195
						203/208-1-60	27.6	40			295
AHUX046-216	CLHX046-236	4	45,500	35,000	48,000	203/208-1-60	5.4	15	0.75 HP - DD	1600 @ .4	195
						203/208-3-60	18.5	30			295
AHUX046-216	CLHX046-436	4	45,500	35,000	48,000	203/208-1-60	5.4	15	0.75 HP - DD	1600 @ .4	195
						460-3-60	9.5	15			295
AHUX059-216	CLHX059-216	5	58,500	42,300	58,700	203/208-1-60	6.5	15	0.75 HP - DD	1875 @ .4	223
						203/208-1-60	37.3	60			320
AHUX059-216	CLHX059-236	5	58,500	42,300	58,700	203/208-1-60	6.5	15	0.75 HP - DD	1875 @ .4	223
						203/208-3-60	24.6	35			320
AHUX059-216	CLHX059-436	5	58,500	42,300	58,700	203/208-1-60	6.5	15	0.75 HP - DD	1875 @ .4	223
						460-3-60	11.4	20			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.
6-18-07



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**SPLIT-SYSTEM
HEAT PUMPS
C-SERIES, 6 - 15 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	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
AHUX091-236	CLHX076-236	7.5	76,000	56,800	70,600	230/208-3-60	7.3	15	1.07 BHP - BD	3000 @ 0.6	420
		6					28.7	45			405
AHUX091-436	CLHX076-436	7.5	76,000	56,800	70,600	460-3-60	3.3	15	1.07 BHP - BD	3000 @ 0.6	420
		6					14.5	20			405
AHUX091-236	CLHX091-236	7.5	90,300	68,400	92,900	230/208-3-60	7.3	15	1.07 BHP - BD	3000 @ 0.6	420
							60	39.0			60
AHUX091-436	CLHX091-436	7.5	90,300	68,400	92,900	460-3-60	3.3	15	1.07 BHP - BD	3000 @ 0.6	420
							30	19.8			30
AHUX111-236	CLHX111-236	10	111,000	89,700	103,000	230/208-3-60	7.5	15	2.0 BHP- BD	4000 @ 0.6	465
							60	45.0			60
AHUX111-436	CLHX111-436	10	111,000	89,700	103,000	460-3-60	3.3	15	2.0 BHP- BD	4000 @ 0.6	465
							30	23.0			30
AHUX182-236	CLHX182-236	15	182,000	141,000	177,000	230/208-3-60	13.3	20	1.79 BHP - BD	6000 @ 0.4	750
							125	87.5			125
AHUX182-436	CLHX182-436	15	182,000	141,000	177,000	460-3-60	6.0	15	1.79 BHP - BD	6000 @ 0.4	750
							60	40.7			60

- (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: 6 through 10 ton sizes are single compressor.
15 ton has a single semi-hermetic compressor.

Specifications are subject to change without notice.
6-11-07



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