



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
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 | Heating BTUH (2) | Volts Phase Hertz | MCA (3) | MFS (4) | Air Handler Blower (5) | CFM & E.S.P. (6) | Net Wt. LBS |
|-----------------------|---------------------------|-----------|------------------------|-----------------------|------------------|-------------------|---------|---------|------------------------|------------------|-------------|
| AHUX018-216 | CLHX018-216 | 1.5 | 17,000 | 12,600 | 16,000 | 203/208-1-60 | 1.8 | 15 | 0.25 HP - DD | 670 @ 0.6 | 145 |
| | | | | | | 230/208-1-60 | 8.0 | 15 | | | 210 |
| AHUX024-216 | CLHX024-216 | 2 | 22,400 | 16,800 | 21,200 | 230/208-1-60 | 2.0 | 15 | 0.25 HP - DD | 850 @ 0.4 | 145 |
| | | | | | | 230/208-1-60 | 12.0 | 20 | | | 218 |
| AHUX030-216 | CLHX030-216 | 2.5 | 27,400 | 20,000 | 26,000 | 230/208-1-60 | 2.7 | 15 | 0.33 HP - DD | 950 @ 0.4 | 155 |
| | | | | | | 230/208-1-60 | 13.0 | 20 | | | 230 |
| AHUX030-216 | CLHX030-236 | 2.5 | 28,000 | 20,400 | 26,000 | 230/208-1-60 | 2.7 | 15 | 0.33 HP - DD | 950 @ 0.4 | 155 |
| | | | | | | 230/208-3-60 | 9.0 | 15 | | | 235 |
| AHUX030-216 | CLHX030-436 | 2.5 | 28,000 | 20,400 | 26,000 | 230/208-1-60 | 2.7 | 15 | 0.33 HP - DD | 950 @ 0.4 | 155 |
| | | | | | | 460-3-60 | 5.0 | 15 | | | 235 |
| AHUX036-216 | CLHX036-216 | 3 | 33,400 | 24,400 | 31,800 | 230/208-1-60 | 2.8 | 15 | 0.33 HP - DD | 1160 @ 0.4 | 155 |
| | | | | | | 230/208-1-60 | 19.0 | 30 | | | 230 |
| AHUX036-216 | CLHX036-236 | 3 | 34,000 | 24,800 | 32,200 | 230/208-1-60 | 2.8 | 15 | 0.33 HP - DD | 1160 @ 0.4 | 155 |
| | | | | | | 230/208-3-60 | 11.0 | 15 | | | 230 |
| AHUX036-216 | CLHX036-436 | 3 | 34,000 | 24,800 | 32,200 | 230/208-1-60 | 2.8 | 15 | 0.33 HP - DD | 1160 @ 0.4 | 155 |
| | | | | | | 460-3-60 | 6.0 | 15 | | | 230 |
| AHUX048-216 | CLHX042-216 | 3.5 | 39,500 | 28,800 | 37,200 | 230/208-1-60 | 4.2 | 15 | 0.50 HP - DD | 1450 @ 0.4 | 185 |
| | | | | | | 230/208-1-60 | 21.0 | 35 | | | 280 |
| AHUX048-216 | CLHX042-236 | 3.5 | 40,000 | 29,200 | 36,800 | 230/208-1-60 | 4.2 | 15 | 0.50 HP - DD | 1450 @ 0.4 | 185 |
| | | | | | | 230/208-3-60 | 13.0 | 20 | | | 285 |
| AHUX048-216 | CLHX042-436 | 3.5 | 40,000 | 29,200 | 36,800 | 230/208-1-60 | 4.2 | 15 | 0.50 HP - DD | 1450 @ 0.4 | 185 |
| | | | | | | 460-3-60 | 7.0 | 15 | | | 285 |
| AHUX048-216 | CLHX048-216 | 4 | 45,500 | 32,800 | 43,500 | 230/208-1-60 | 3.4 | 15 | 0.50 HP - DD | 1710 @ 0.4 | 185 |
| | | | | | | 230/208-1-60 | 25.0 | 40 | | | 290 |
| AHUX048-216 | CLHX048-236 | 4 | 46,000 | 33,200 | 42,500 | 230/208-1-60 | 3.4 | 15 | 0.50 HP - DD | 1710 @ 0.4 | 185 |
| | | | | | | 230/208-3-60 | 16.0 | 25 | | | 290 |
| AHUX048-216 | CLHX048-436 | 4 | 46,000 | 33,200 | 42,500 | 230/208-1-60 | 3.4 | 15 | 0.50 HP - DD | 1710 @ 0.4 | 185 |
| | | | | | | 460-3-60 | 9.0 | 15 | | | 290 |
| AHUX060-216 | CLHX060-216 | 5 | 55,500 | 39,500 | 52,000 | 230/208-1-60 | 9.5 | 15 | 1.0 HP - DD | 1925 @ 0.5 | 185 |
| | | | | | | 230/208-1-60 | 32.0 | 50 | | | 320 |
| AHUX060-216 | CLHX060-236 | 5 | 56,000 | 40,000 | 53,000 | 230/208-1-60 | 9.5 | 15 | 1.0 HP - DD | 1925 @ 0.5 | 185 |
| | | | | | | 230/208-3-60 | 23.0 | 40 | | | 320 |
| AHUX060-216 | CLHX060-436 | 5 | 56,000 | 40,000 | 53,000 | 230/208-1-60 | 9.5 | 15 | 1.0 HP - DD | 1925 @ 0.5 | 185 |
| | | | | | | 460-3-60 | 11.0 | 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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**SPLIT-SYSTEM
HEAT PUMPS
T-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 | Heating BTUH (2) | Volts Phase Hertz | MCA (3) | MFS (4) | Air Handler Blower (5) | CFM & E.S.P. (6) | Net Wt. LBS |
|-----------------------|---------------------------|-----------|------------------------|-----------------------|------------------|-------------------|---------|---------|------------------------|------------------|-------------|
| AHUX090-236 | CLHX072-236 | 7.5 | 70,000 | 51,300 | 64,500 | 230/208-1-60 | 7.0 | 15 | 1.5 HP - BD | 2400 @ 1.0 | 355 |
| | | 6 | | | | 230/208-3-60 | 26.0 | 40 | | | 355 |
| AHUX090-436 | CLHX072-436 | 7.5 | 70,000 | 51,300 | 64,500 | 230/208-1-60 | 4.0 | 15 | 1.5 HP - BD | 2400 @ 1.0 | 355 |
| | | 6 | | | | 460-3-60 | 14.0 | 20 | | | 355 |
| AHUX090-236 | CLHX090-236 | 7.5 | 91,100 | 65,900 | 87,800 | 230/208-1-60 | 7.0 | 15 | 1.5 HP - BD | 3000 @ 1.0 | 355 |
| | | | | | | 230/208-3-60 | 34.5 | 50 | | | 405 |
| AHUX090-436 | CLHX090-436 | 7.5 | 91,100 | 65,900 | 87,800 | 230/208-1-60 | 4.0 | 15 | 1.5 HP - BD | 3000 @ 1.0 | 355 |
| | | | | | | 460-3-60 | 18.1 | 25 | | | 405 |
| AHUX120-236 | CLHX120-236 | 10 | 124,000 | 87,600 | 122,100 | 230/208-1-60 | 8.0 | 15 | 2.0 HP - BD | 4000 @ 1.0 | 430 |
| | | | | | | 230/208-3-60 | 48.1 | 70 | | | 545 |
| AHUX120-436 | CLHX120-436 | 10 | 124,000 | 87,600 | 122,100 | 230/208-1-60 | 5.0 | 15 | 2.0 HP - BD | 4000 @ 1.0 | 430 |
| | | | | | | 460-3-60 | 23.3 | 35 | | | 545 |
| AHUX180-236 | CLHX180-236 | 15 | 181,700 | 131,600 | 168,200 | 230/208-1-60 | 12.0 | 20 | 3.0 HP - BD | 6000 @ .90 | 730 |
| | | | | | | 230/208-3-60 | 62.7 | 80 | | | 840 |
| AHUX180-436 | CLHX180-436 | 15 | 181,700 | 131,600 | 168,200 | 230/208-1-60 | 6.0 | 15 | 3.0 HP - BD | 6000 @ .90 | 730 |
| | | | | | | 460-3-60 | 32.9 | 45 | | | 840 |
| AHUX240-236 | CLHX240-236 | 20 | 241,200 | 172,400 | 233,500 | 230/208-1-60 | 19.0 | 30 | 5.0 HP - BD | 8000 @ .80 | 850 |
| | | | | | | 230/208-3-60 | 87.8 | 100 | | | 985 |
| AHUX240-436 | CLHX240-436 | 20 | 241,200 | 172,400 | 233,500 | 230/208-1-60 | 9.0 | 15 | 5.0 HP - BD | 8000 @ .80 | 850 |
| | | | | | | 460-3-60 | 42.5 | 50 | | | 985 |

- (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) HP = Horsepower, BD = Belt Drive.
- (6) Higher external static is available with oversized motor.

Note: 6 through 10 ton sizes are single compressor.
15 and 20 ton are dual compressors.

Specifications are subject to change without notice.
6-18-07



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