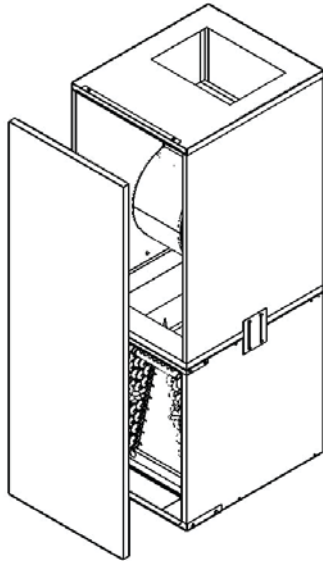




PRODUCT DIMENSIONS & SPECIFICATIONS

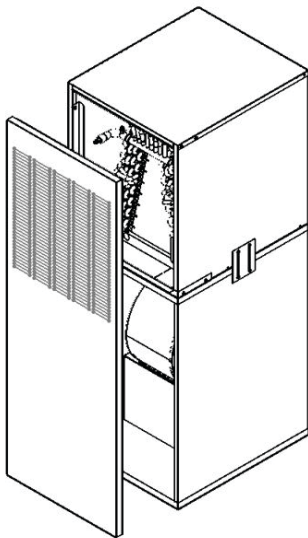
AEU/AED UPFLOW/DOWNFLOW CONVERTIBLE MANUFACTURED HOME ELECTRIC FURNACE KIT



AEU - Upflow Configuration

Representative images only. Some models may vary in appearance. Due to continuous product improvement, specifications are subject to change without notice.

Note: coil not included.



AED-001 Downflow - Front Return Configuration
(top and front return also available)

FEATURES AND BENEFITS

APPLICATION VERSATILITY

Designed for the manufactured home market with flexibility in mind. One-piece air handler with the ability to be factory built as upflow (solid door) or downflow (louvered door) air handler. Can also be field configured to opposite configuration with no additional parts or kits. 2 – 5 tons of cooling or heating airflow with a range of electric heat kits.

MOTOR

Constant torque ECM speeds and torques are controlled by software embedded in the motor to maintain constant torque. Motors are pre-programmed at the factory. Direct drive blowers circulate air quietly and efficiently. Motor speeds and torques programmed in the motor. Blowers mounted on rails so they can be easily removed for service.

CABINET

Sturdy, galvanized steel cabinet with painted front panels. Cabinet fully insulated with 1/2" micro mat non-hygroscopic insulation to prevent sweating and mold growth, to encapsulate glass fibers, and to provide excellent R-value. Stick pins ensure insulation remains in place.

MODULAR ELECTRIC HEAT KITS

Heat kits available with either circuit breakers or terminal blocks. Available from 3 to 20 KW. Models with electric heat include sequencers and temperature limit switches for safe, efficient operation. Modules are easily installed in the field using molex plugs or can be ordered factory-installed. Controls are accessible from the front for easy service. Disconnect does not protrude through the wall panel.

ELECTRONIC CIRCUIT BOARD

Electronic circuit board provides 30 secs ON/OFF blower time delay extracting more heat/cool from the coil. Automotive pull-style fuse integrated into board.

WARRANTY

Hassle-free five-year limited parts warranty.

OPTIONS

See options menu.

Phone: 281.441.6500
Toll Free: 800.423.9007
Fax: 281.441.6510
www.aspenmfg.com



* For complete warranty details visit www.aspenmfg.com.

Revised 05/04/20. In keeping with its policy of continuous progress and product improvement, Aspen reserves the right to make changes without notice and incurring obligation. © 2020

ELECTRIC FURNACE

HEATING AND COOLING PERFORMANCE AND ELECTRICAL DATA

| MODEL | HEAT KIT | PERFORMANCE DATA | | | | ELECTRICAL DATA | | | | |
|---------|-----------|------------------------|--------------|------|-----------------|-----------------|--------------------------------|---------|--------------------------|-------|
| | | NOMINAL COOLING (BTUS) | HEATING (KW) | | HEATING (KBTUH) | | MINIMUM CIRCUIT AMPACITY (MCA) | | MAX BREAKER OR FUSE SIZE | |
| | | | 208V | 240V | 208V | 240V | 208V | 240V | 208V | 240V |
| AE(U/D) | F(C,T)S00 | 24,000 - 60,000 | 0 | 0 | 0 | 0 | 6.8 | 6.8 | 15 | 15 |
| | F(C,T)S03 | | 2.3 | 3 | 7.8 | 10.2 | 20.3 | 22.4 | 25 | 25 |
| | F(C,T)S05 | | 3.6 | 4.8 | 12.6 | 16.4 | 28.4 | 31.8 | 30 | 35 |
| | F(C,T)S08 | | 6 | 8 | 20.4 | 27.3 | 42.8 | 48.4 | 45 | 50 |
| | F(C,T)S10 | | 7.2 | 9.6 | 24.5 | 32.8 | 50 | 56.8 | 50 | 60 |
| | F(C,T)S15 | | 11.3 | 14.4 | 38.5 | 49.1 | 50/21.6 | 56.8/25 | 50/25 | 60/25 |
| | F(C,T)S20 | | 14.4 | 19.2 | 49.1 | 65.5 | 50/43.3 | 56.8/50 | 50/45 | 60/50 |

BLOWER DATA

| MODEL | SPEED TAP | MOTOR HP | MOTOR AMPS | MOTOR VOLTAGE | CFM V. EXTERNAL STATIC * | | | | |
|---------|-----------|----------|------------|---------------|--------------------------|------|------|------|------|
| | | | | | 0.10 | 0.20 | 0.30 | 0.40 | 0.50 |
| AE(U/D) | T1 | 3/4 | 5.4 | 240 | 940 | 850 | 795 | 740 | 640 |
| | T2 | | | | 1155 | 1070 | 1015 | 950 | 885 |
| | T3 | | | | 1375 | 1305 | 1255 | 1180 | 1127 |
| | T4 | | | | 1500 | 1430 | 1375 | 1315 | 1260 |
| | T5 | | | | 1850 | 1800 | 1760 | 1710 | 1650 |

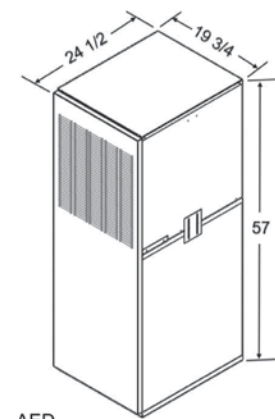
AIR HANDLER CHASSIS NOMENCLATURE

| AE(U/D) | -001 |
|---|-------------|
| AE(U/D) = 240V Constant torque ECM Manufactured Housing Electric Furnace | Option Code |

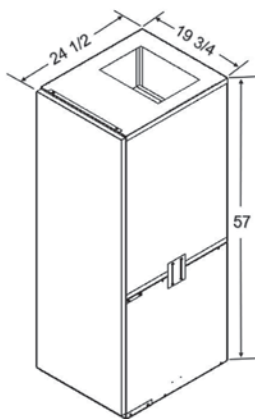
ELECTRIC HEAT KIT NOMENCLATURE

| F | C | L | 03 |
|---------------|---|---|---|
| Electric Heat | <u>Interruption</u> C = Circuit Breaker T = Terminal Block P = Circuit Breaker w/Single Point 3 = 3-Phase Circuit Breaker 4 = 3-Phase Terminal Block | L | <u>Heat Strip</u> 00 = 0 KW 03 = 3 KW 05 = 5 KW 08 = 8 KW 10 = 10 KW 15 = 15 KW 20 = 20 KW |

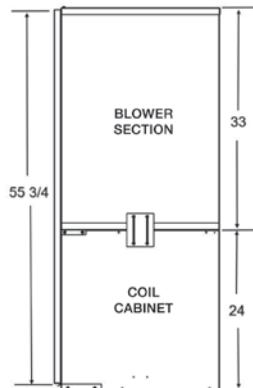
DIMENSIONS



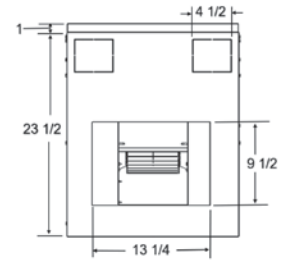
AED
(AED-001 shown)



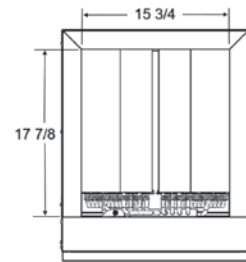
AEU



SIDE VIEW
(AEU)



DISCHARGE VIEW



RETURN VIEW



DOWNFLOW



UPFLOW

Note: Coil not included. The air handler is designed to work exclusively with the Aspen CM coil line.

| MODEL | CONFIGURATION | RETURN | DOOR | FIELD CONVERTIBLE |
|---------|---------------|-----------|----------|-------------------|
| AEU-000 | Upflow | Bottom | Solid | Yes |
| AED-000 | Downflow | Top | Solid | Yes |
| AED-001 | Downflow | Front | Louvered | No [^] |
| AED-002 | Downflow | Top/Front | Louvered | No [^] |

[^] Need separate solid door and convertible coil cabinet



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