



THERMOLEC

ELECTRIC PLENUM HEATER

The Latest In Technology for

DUAL-ENERGY HEATING

An Easy Conversion to Clean, Convenient and Affordable Electric Heat



Model TU Electric Heaters Offer

Lower air flow requirements

- 40 CFM per kW

Easy to baffle for various size plenums

- Baffles are included with heater

Automatic switching to fossil fuel backup

- Dual fuel control included

Built in circuit breaker for easy isolation

- Ensure additional safety for service contractor

Center coil baffle included

- Allows for easy installation over "A" coil

Modulating units available

- Ideal for heat pumps

Thermolec Plenum Heater Features

Center coil baffle

- Easy installation over A coil

High-grade nickel-chrome open coil elements

- Only 40 cfm per kW minimum air flow

Includes baffles that attach to coil frame

- Easier to baffle for larger plenums

Automatic and manual high-limit protection

- Prevents unit from overheating

Isolation and operating relays

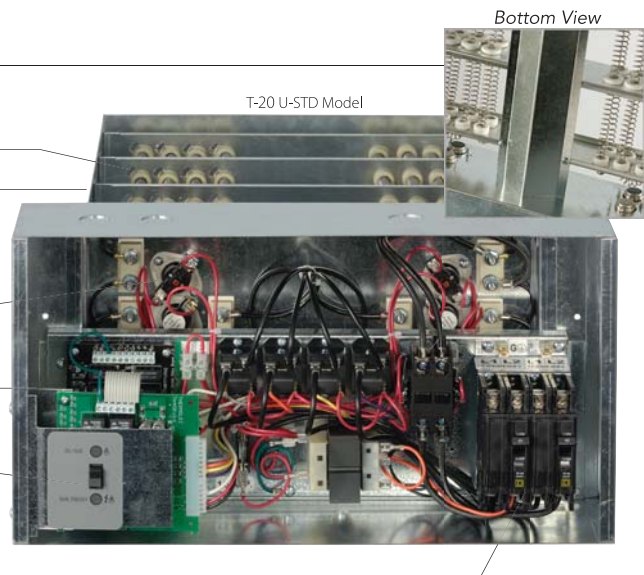
- A/C-ready, built-in interface control module

Built-in dual fuel control

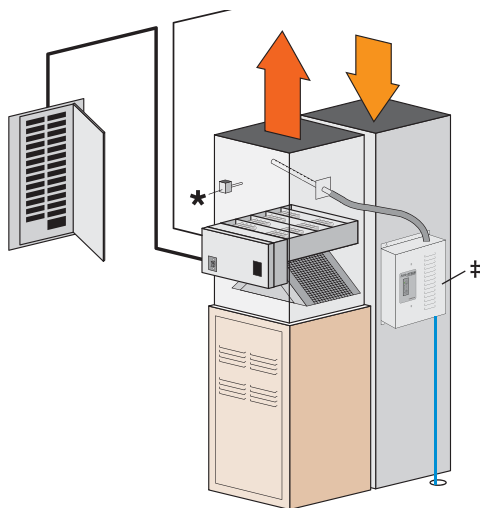
- Automatically switches to fossil fuel back-up with utility load control or can be switched manually

Circuit breakers included

- Provides safe electrical isolation for maintenance



Typical Installation



Applications

Standard Plenum Heater:

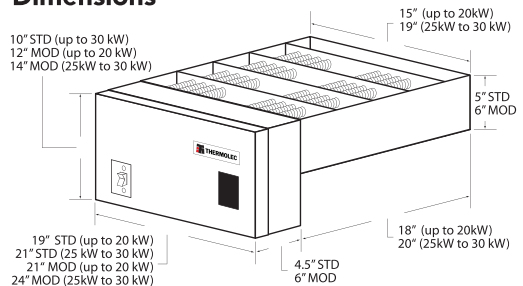
Fossil fuel furnace with or without A/C

Modulating Plenum Heater:

Fossil fuel furnace with heat pump or zoned system

For homes with 100 amp service panels, ask about our Retro models

Dimensions



Modulating Plenum Heater - Additional Features

* Plenum-mounted sensor and adjustable temperature setting on board

- Full modulation of elements to maintain plenum temperature – saves energy

All elements switched with solid state electronic relays

- Silent operation and long life

Built-in multi-purpose control module

- No additional interface or fossil fuel kit required



| MODELS | | KW @ 240V | BTU OUTPUT | HEATING SEQUENCES | TOTAL AMPERAGE | BREAKER (A) | |
|--------------|--------------|-----------|------------|-------------------|----------------|-------------|---------------|
| STANDARD | MODULATING | | | | | STD | MOD |
| T-5 U-STD | T-5 U-MOD | 5 | 17,060 | 1 | 20.8 | 30 | 30 |
| T-10 U-STD | T-10 U-MOD | 10 | 34,120 | 2 | 41.6 | 60 | 60 |
| T-15 U-STD | T-15 U-MOD | 15 | 51,180 | 4 STD / 3 MOD | 62.5 | 2 x 40 | 1 x 60 1 x 30 |
| T-18 U-STD | T-18 U-MOD | 18 | 61,416 | 4 | 75.0 | 2 x 50 | 2 x 50 |
| T-20 U-STD | T-20 U-MOD | 20 | 68,240 | 4 | 83.3 | 2 x 60 | 2 x 60 |
| T-25 U-STD** | T-25 U-MOD** | 25 | 85,300 | 4 STD / 5 MOD | 104.0 | 3 x 50 | 2 x 60 1 x 30 |
| T-30 U-STD** | T-30 U-MOD** | 30 | 102,360 | 4 STD / 5 MOD | 124.0 | 3 x 60 | 2 x 60 1 x 40 |

** Larger frame size required for 25/30 kW

‡ For optimum comfort, THERMOLEC recommends Acu-Steam Humidifiers.

Distributed By:



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