



www.thermodynamicsboiler.com

TDE

SERIES

RESIDENTIAL ELECTRIC BOILER

FEATURES

- ASME Construction
- UL Listed
- Pre-piped and wired system circulator.
- Factory installed temperature and pressure gauge are mounted directly to the heat exchanger.
- Constructed as a unit block; no seals, gaskets or push nipples to leak.
- Wall hung boiler; saves space.
- No exposed electrical components.
- Single piece jacket allows for quick and easy installation.
- Overall boiler package offers significant value by saving labor, time and material cost.
- Limited Lifetime Warranty



A powerful source for home heating or for supplemental heat

- New Homes
- Additions
- Radiant Heat
- Heat Pump Back-Up
- Condominiums/Apartments
- Vacation Homes
- Greenhouses

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TDE SERIES

electric boiler

SPECIFICATIONS

Operation

On call for heat, the circulator comes on immediately, and the elements are energized in steps -- two elements per step spaced at approximately 60 second intervals. When the thermostat is satisfied, all elements and circulator are de-energized at once. A high limit condition will instantly de-energize all elements and the circulator will continue to run.

Ratings

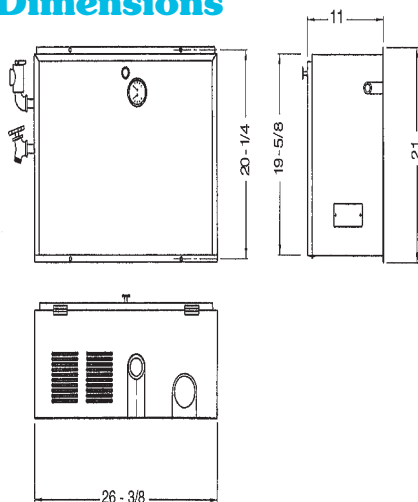
Boiler Size	KW Rating	D.O.E. Heating Capacity BTU/HR	No. of 5KW Heater Elements	AMPS				Watts at 240V	Approx. Shipping Wt. Lbs.
				Total	Circuit				
					1	2	3		
TDE-10	10	34,130	2	43	43	-	-	10,000	115
TDE-15	15	51,195	3	64	43	21	-	15,000	120
TDE-20	20	68,260	4	85	43	42	-	20,000	120
TDE-25	25	85,325	5	106	43	42	21	25,000	136
TDE-30	30	102,390	6	127	43	42	42	30,000	145

Electrical Characteristics: 120/240 Volts AC 3 Wire Single Phase 60 HZ

Note: Net ratings should be calculated using an appropriate piping and pick-up allowance.

Piping and pick-up allowances are normally 13% - 15%.

Dimensions



Equipment

Steel boiler, jacket, insulation, controls, and circulator.

Factory Installed - ASME relief valve, temperature and pressure gauge, elements, circulator, drain cock, completely wired.

Included but not installed - Air vent, thermostat.

Limited Lifetime Warranty on boiler shell, three year on other components.

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