

Heavy & Medium Duty electric

HEAVY DUTY: ELECTRIC COMMERCIAL WATER HEATERS IN 50 THROUGH 175-GALLON CAPACITIES

Features

- 98% Thermal efficiency
- 50 to 175-Gallon capacities
- Up to 438 gallons GPH at a 100°F rise.
- 190°F Maximum delivered temperature
- Thick foam insulation for minimal standby heat loss
- 3 kW through 108 kW
- 208, 240, 400, 415 or 480 VAC in either single phase or 3-phase
- 2000, 3000, 4000, 4500, 5000 and 6000 in the five voltages; 9000 watt element at 480 VAC
- Choose 1, 3, 6, 9 or 12 element models for your specific application
- Elements are Lifeguard™ Stainless Steel, screw-in type that resist burn out and corrosion
- Temperature and pressure relief valve at top of 175-gallon model and side on all other models
- Water connections: hot and cold water inlets are 2-1/2" NPT dielectric nipples on the 175-gallon model and 1-1/2" on all other models

Easy Installation & Service

- Control box is located at the front of unit for easy wiring during installation
 - Multiple knockout holes accommodate a variety of conduit sizes
- Exclusive! System Sentinel™ provides a diagnostic panel with LEDs that correspond to the number, location and status of each element
- Exclusive! Full-port, full-flow, brass drain valve for faster draining
- Minimum distance to combustible flooring is zero inches from jacket and 18 inches from access door
- All models approved for installation on combustible flooring

Warranty

- 3-Year limited tank warranty, upgradable to 5 years
- 1-Year limited parts warranty



Heavy Duty Models

DESCRIPTION					DIMENSIONS (INCHES)				
GAL. CAP.	MODEL NUMBER	THERMOSTAT TYPE	INPUT KW	THERMAL EFF.	HEIGHT	WIDTH	WIDTH W/CONT. BOX	SHIP WT. (LB.)	
								STD.	ASME
50	ES50	SURFACE	6-54	98%	43-5/8	26-1/4	32	270	320
85	ES85	SURFACE	6-54	98%	57-11/16	28-1/4	34	350	380
120	ES120	SURFACE	6-54	98%	67-5/8	30-1/4	36	430	460
50	E50(A)	IMMERSION	6-54	98%	43-5/8	26-1/4	32	270	320
85	E85(A)	IMMERSION	6-54, 81	98%	57-11/16	28-1/4	34	350	380
120	E120(A)	IMMERSION	6-54, 81	98%	67-5/8	30-1/4	36	430	460
175	E175A	IMMERSION	3-108	98%	69-1/2	32-1/4	38-1/2	–	700