

American Standard[®]
— WATER HEATERS

LIGHT DUTY

Commercial Electric Water Heaters



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Simplifying installation for any commercial application

The versatility of the new LIGHT DUTY commercial water heater provides effortless installation across **a range of commercial settings.**

- **Electrical Junction Box & Terminal Block** for Easy Wiring & Conversion
- The Light Duty can be connected to **single-phase** or **three-phase power**
- **Incoloy 840 heating elements** can work in **simultaneous** or **non-simultaneous operation**

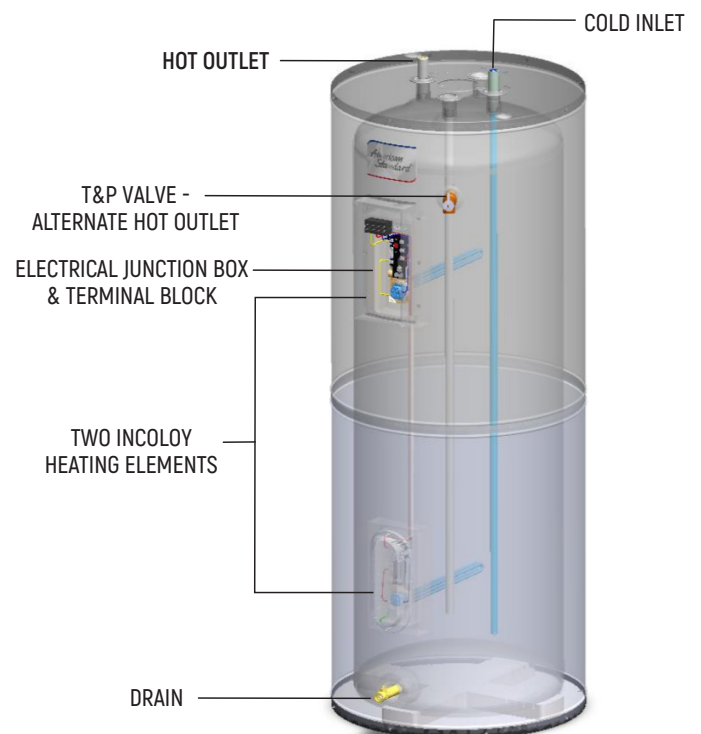


ENDURING QUALITY

American Standard Water Heaters consistently prioritizes the delivery of enduring quality in its products. The latest addition to its line of LIGHT DUTY electric storage water heaters **boasts the exceptional corrosion resistance of a heavy gauge steel tank.** This design provides lifelong protection against harsh water conditions and high temperatures, ensuring durability and leak prevention for extra years of trouble-free service.

To guarantee superior quality across all commercial applications, the light duty range is crafted with:

- **GLASS-LINED TANK** with DuraGlas™ and fired at 1600°F for optimum protection from the effects of corrosion.
- **Brass fittings for:**
 - ASME rated T&P valve
 - Drain valve
- **Low watt-density Incoloy 840 elements** enhance corrosion resistance and prevent scale accumulation, prolonging the lifespan of the elements compared to conventional heating elements
- **Industry-leading 6-year warranty out of the box**



THE ULTIMATE COMBINATION OF VALUE AND PERFORMANCE

The new **LIGHT DUTY** commercial water heater combines high-quality, steel construction with glass lining and energy-efficient operation, along with an industry-leading warranty, all at a great price.



KEY BENEFITS INCLUDE:

- **Built to last:** premium steel construction with glass lining, Incoloy 840 elements, and advanced welding processes provide exceptional corrosion resistance
- **Energy-efficient:** environmentally friendly, low GWP (Global Warming Potential), high R-value insulating foam provides reduced stand-by heat loss resulting in lower energy bills
- **6-year warranty:** industry-leading, out-of-the-box warranty



THE AMERICAN STANDARD WATER HEATERS LD ADVANTAGE

	ASWH LIGHT DUTY	VS	COMPETITOR LIGHT SERVICE A	COMPETITOR LIGHT SERVICE B	COMPETITOR LIGHT SERVICE C
					
CAPACITIES (GAL)	80		80 / 119	80 / 119	80 / 119
OPERATION	Sim or Non-Sim		Sim Only	Sim Only	Sim Only
PHASE CAPABILITY	Single or 3 Phase		Single Only	Single Only	Single Only
TANK MATERIAL	303L Steel		Glass-Lined	Glass-Lined	Glass-Lined
ELEMENT MATERIAL	Incoloy 840		Zinc Plated Copper	Copper Incoloy avail.	Copper
SHIPPING WEIGHT (LBS)	233		146 / 175 / 268	156 / 183 / 305	170 / 200 / 330
ANODE	Yes		Yes	Yes	Yes
WARRANTY TANK	6 years		6 years	6 years	6 years
WARRANTY PARTS	1 Year		1 Year	1 Year	1 Year
VALUE	GREAT		Average	Average	Poor

TECHNICAL SPECS

MODEL NUMBER	LDS-CE-80T-1P 277V 1220W
UPC CODE	817215029920
NOMINAL CAPACITY	80 gal.
DOE RATED CAPACITY	73 gal.
SHIPPING WEIGHT	106 Kg
STANDBY LOSS	0.66
AHRI FIRST HOUR RATING	TBD
NOMINAL VOLTAGE (1 PHASE)	277 Vac
POWER AT 240 VAC	4580W
NOMINAL CURRENT	44 A
INSTALLATION	Floor Mount
TANK MATERIAL	Enamelled
TEMPERATURE RANGE	90°F - 180°F
MIXING VALVE	N/A
MAX WATER PRESSURE	150 PSI
REGULATION TEMPERATURE	Surface Mount Thermostat
WATER CONNECTIONS	3/4" NPT
RELIEF VALVE	Installed
HEATING ELEMENT MATERIAL	Incoloy
ELECTRICAL CONNECTION	AC