

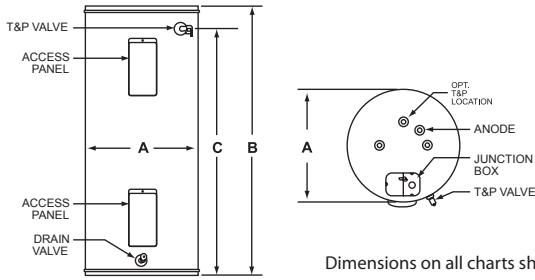
3-Year Limited Tank/1-Year Limited Parts Warranty*

All commercial electric units have a Fused Ceramic Shield applied under pressure and fired at 1600°F to completely cover the tank interior. This provides a tough interior surface for storage tanks and maximum protection against the wearing effects of high-volume and high-temperature water.

- **Non-CFC Insulation**
Foam insulation traps heat within the tank, saving energy.
- **Combination Surface-Mounted Thermostats with High Limits**
Adjustable to 170°F. One thermostat provided for each element. High limit factory set at 190° F.
- **Anode Rod**
Promotes longer tank life through protection against corrosion of tank interior.
- **Factory-Installed Side Temperature and Pressure Relief Valve**
- **Incoloy Screw-In Elements**
For ease of service and long life.
- **Wattages from 3KW to 12KW**
- **208, 240, 277, 480 Voltages Available**
- **UL Listed**
- **Non-Metallic, Corrosion-free Drain Valve**
- **Interlocking or Simultaneous Element Wiring**
- **Single-Phase or Unbalanced Three-Phase Operation Available (277 volt, single phase only)**
- **Dip Tube**
Carries cold inlet water deep into the tank to minimize temperature dilution of hot water.
- **3/4" Water Connections**
Located on top.



*For complete warranty information consult the written warranty of American Water Heaters found at www.americanwaterheater.com, or call (800) 456-9805.



Dimensions on all charts shown in inches.

| MODEL NUMBER | GALLON CAPACITY | JACKET DIAMETER A | HEIGHT TO TOP OF HEATER B | HEIGHT TO SIDE T&P OPENING C | STANDARD VOLTAGE | STANDARD KW INPUT | MAX. KW INPUT |
|--------------|-----------------|-------------------|---------------------------|------------------------------|------------------|-------------------|---------------|
| LDCE32-30H | 30 | 18 | 45-1/4 | 38-1/2 | 240 | 4.5 | 12 |
| LDCE32-40R | 40 | 20 | 47-1/4 | 40-3/4 | 240 | 4.5 | 12 |
| LDCE32-50R | 50 | 22 | 47-3/4 | 40-3/4 | 240 | 4.5 | 12 |
| LDCE32-65H | 65 | 22 | 59-1/4 | 53 | 240 | 4.5 | 12 |
| LDCE32-80H | 80 | 24 | 59-1/4 | 53 | 240 | 4.5 | 12 |
| LDCE32-119R | 119 | 28 | 61-1/2 | 54-3/4 | 240 | 4.5 | 12 |

Limited warranty on tank and parts. Complete details in manual. Specify wattage, voltage and phase when ordering.

| GPH RECOVERY CAPACITIES | | | | | | | |
|-------------------------|------------------|-------|-------|-------|-------|-------|--------|
| WATTS | TEMPERATURE RISE | | | | | | |
| | 40° F | 50° F | 60° F | 70° F | 80° F | 90° F | 100° F |
| 3000 | 31 | 25 | 20 | 18 | 15 | 14 | 12 |
| 3500 | 36 | 29 | 24 | 20 | 18 | 16 | 14 |
| 4000 | 41 | 33 | 27 | 23 | 20 | 18 | 16 |
| 4500 | 46 | 37 | 31 | 26 | 23 | 20 | 18 |
| 5000 | 51 | 41 | 34 | 29 | 26 | 23 | 20 |
| 5500 | 56 | 45 | 38 | 32 | 28 | 25 | 23 |
| 6000 | 61 | 49 | 41 | 35 | 31 | 27 | 25 |
| 7000 | 72 | 57 | 48 | 41 | 36 | 32 | 29 |
| 8000 | 82 | 66 | 55 | 47 | 41 | 36 | 33 |
| 9000 | 92 | 74 | 61 | 53 | 46 | 41 | 37 |
| 10000 | 102 | 82 | 68 | 59 | 51 | 46 | 41 |
| 11000 | 113 | 90 | 75 | 64 | 56 | 50 | 45 |
| 12000 | 123 | 98 | 82 | 70 | 61 | 55 | 49 |

| SINGLE-PHASE FULL LOAD AMPERAGE DRAW | | | | | |
|--------------------------------------|------|------|------|------|------|
| ELEMENT WATTAGE | 120V | 208V | 240V | 277V | 480V |
| 1500 | 12.5 | 7.2 | 6.3 | 5.4 | 3.1 |
| 2000 | 16.7 | 9.6 | 8.3 | 7.2 | 4.2 |
| 2500 | 20.8 | 12.0 | 10.4 | 9.0 | 5.2 |
| 3000 | 25.0 | 14.4 | 12.5 | 10.8 | 6.3 |
| 3500 | N/A | 16.8 | 14.6 | 12.6 | 7.3 |
| 4000 | N/A | 19.2 | 16.7 | 14.4 | 8.3 |
| 4500 | N/A | 21.6 | 18.8 | 16.2 | 9.4 |
| 5000 | N/A | 24.0 | 20.8 | 18.1 | 10.4 |
| 5500 | N/A | N/A | 22.9 | 19.9 | 11.5 |
| 6000 | N/A | 28.8 | 25.0 | 21.7 | 12.5 |
| 7000 | N/A | 33.7 | 29.2 | 25.3 | 14.6 |
| 8000 | N/A | 38.5 | 33.3 | 28.9 | 16.7 |
| 9000 | N/A | 43.3 | 37.5 | 32.5 | 18.8 |
| 10000 | N/A | 48.1 | 41.7 | 36.1 | 20.8 |
| 11000 | N/A | N/A | 45.8 | 39.7 | 22.9 |
| 12000 | N/A | N/A | 50.0 | 43.3 | 25.0 |

| THREE-PHASE FULL LOAD AMPERAGE DRAW | | | | | | |
|-------------------------------------|---|------|------|---|-----------|-----------|
| ELEMENT WATTAGE | INTERLOCKING OPERATION All Terminals L1, L2 and L3 | | | SIMULTANEOUS OPERATION Terminal L3/Terminals L1 and L2 | | |
| | 208V | 240V | 480V | 208V | 240V | 480V |
| 3000/3000 | 14.4 | 12.5 | 6.3 | 25.0/14.4 | 21.7/12.5 | 10.8/6.3 |
| 4000/4000 | 19.2 | 16.7 | 8.3 | 33.3/19.2 | 28.9/16.7 | 14.4/8.3 |
| 4500/4500 | 21.6 | 18.8 | 9.4 | 37.5/21.6 | 32.5/18.8 | 16.4/9.4 |
| 5000/5000 | 24.0 | 20.8 | 10.4 | 41.6/24.0 | 36.1/20.8 | 18/10.4 |
| 5500/5500 | N/A | 22.9 | 11.5 | N/A | 39.8/22.9 | 19.9/11.5 |
| 6000/6000 | N/A | 25.0 | 12.5 | N/A | 43.3/25.0 | 21.7/12.5 |

Specification

Furnish and install, where indicated, in accordance with manufacturer's instructions and in compliance with all rules and regulations of authorities having jurisdiction.

Commercial electric water heater(s) shall be American Model _____ as manufactured by American Water Heaters or equivalent and listed with Underwriter's Laboratories for water heater(s) having delivery capabilities of 170° F water, shall meet or exceed all applicable energy codes. Water heater(s) shall have a storage capacity of _____ gallons, a total combined electrical rating of _____ Kwh _____ V _____ Phase 50/60 cycle AC. Recovery capacity rating of _____ GPH at _____ °F temperature rise. Water heater(s) steel tank is hydrostatic tested at 300 PSI having a working pressure of 150 PSI and shall have a Fused Ceramic Shield internally lined tank applied under pressure and fired at 1600° F allowing for maximum protection. Water heater(s) shall be equipped with an approved pressure and temperature relief valve factory installed. Water heater(s) shall be provided with a manual reset high limit device and anode for cathodic protection. The outer jacketing shall have a baked enamel finish. The tank shall be foam insulated with an EPA-approved, non-CFC material. Water heater(s) shall have a 3-year limited tank warranty against corrosion as outlined in the written warranty. Fully illustrated operation, installation and service manual included with unit.

Distributed By:

Order Entry and Sales

500 Princeton Road (FEDEX, UPS)
 Johnson City, TN 37601-2030
 P.O. Box 4808 (Mailing)
 Johnson City, TN 37602-4808
 (800) 937-1037
 FAX (800) 581-7224

Warranty and Service

500 Princeton Road (FEDEX, UPS)
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