

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

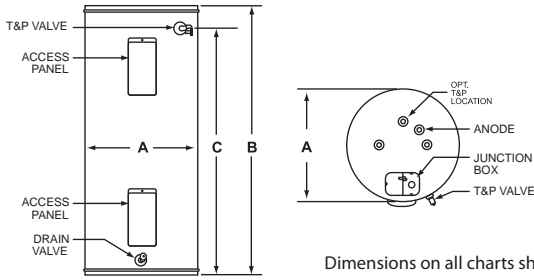
All commercial electric units have a Fused Ceramic Shield applied under pressure and fired at 1600°F to completely cover the tank interior. This provides a tough interior surface for storage tanks and maximum protection against the wearing effects of high-volume and high-temperature water.

- **“Environmentally-Friendly” 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.
- **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 Durable, Brass 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.

Commercial Electric Water Heaters



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 the standby loss requirements of the U.S. Department of Energy and Current Edition of ASHRAE/IESNA 90.1. 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 a factory-installed CSA Certified and ASME Rated T&P relief valve. 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)
 Johnson City, TN 37601-2030
 P.O. Box 1597 (Mailing)
 Johnson City, TN 37605-1597
 (800) 456-9805
 FAX (800) 999-5210