



Light Duty Commercial Wall Hung Energy Saver Electric Water Heater



Photo is of
LD-WH6U3-1

The Light Duty Wall Hung Electric Models Feature:

- **Fully Automatic Controls**—Fast acting surface-mount thermostat for automatic temperature control. Factory installed sensitive manual reset energy cut-off for safety to prevent overheating.
- **Direct Heat Transfer With a Single Immersed Element**—Transfers heat directly and efficiently to the water. Screw-in style element.
- **Vitraglas® Lining**—Bradford White water heater tanks are protected from the corrosive effects of hot water by an exclusive ceramic porcelain-like coating. The Bradford White high silica Vitraglas® lining provides a tough interior surface for our hot water tanks.
- **1" Non-CFC Foam Insulation**—Surrounds the tank surface, saving energy by retarding loss of heat (30 gallon model has 2").
- **Factory Installed Heavy Duty Wall Mounting Bracket**—no additional brackets or modifications required.
- **Water Connections**—3/4" NPT factory installed true dielectric fittings extend water heater life and eases installation. Located on the bottom for easier installation.
- **Protective Magnesium Anode Rod**—Provides added protection against corrosion for long trouble-free service.
- **Steel Tank**—Heavy gauge steel automatically formed, rolled, and welded.
- **Voltages Available**—120V, 208V, 240V, 277V, 480V.
- **Single Phase Operation Only.**
- **T&P Relief Valve Opening**—All models have special tapping on side of tank.



Copper Screw Type Immersion Element
(Incoloy type immersion element available upon request)



3 or 5-Year Limited Tank Warranties / 1-Year Limited Warranty on Component Parts.

For more information on warranty, please visit www.bradfordwhite.com

For products installed in USA, Canada and Puerto Rico. Some states do not allow limitations on warranties. See complete copy of the warranty included with the heater.

Bradford White received the highest numerical score among water heater/boiler manufacturers in the proprietary J.D. Power and Associates/ McGraw-Hill Construction 2006 HVAC and Water Heater/Boiler Subcontractor Satisfaction Study™. Study based on 882 responses measuring 3 water heater/boiler manufacturers and measures opinions of subcontractors. Proprietary study results are based on experiences and perceptions of subcontractors surveyed in May through July 2006. Your experiences may vary. Visit jdpower.com

MANUFACTURED UNDER ONE OR MORE OF THE FOLLOWING U.S. PATENTS: 5,954,492; 5,761,379; 5,943,984; 5,081,696; 5,988,117; 6,142,216; 5,199,385; 5,574,822; 5,372,185; 5,485,879; 5,277,171; (B1)5,341,770; 5,660,165; 5,596,952; 5,682,666; 4,904,428; 5,023,031; 5,000,893; 4,669,448; 4,829,983; 4,808,356; 5,115,767; 5,092,519; 5,052,346; 4,416,222; 4,628,184; 4,861,968; 4,672,919; Re. 34,534; 7,270,087 B2. OTHER U.S. AND FOREIGN PATENT APPLICATIONS PENDING. CURRENT CANADIAN PATENTS: 1,272,914; 1,280,043; 1,289,832; 2,045,862; 2,112,515; 2,108,186; 2,107,012; 2,092,105; 2,409,271.

Vitraglas® is a registered trademark of Bradford White® Corporation.

Commercial Electric Water Heater

Light Duty Wall Hung Energy Saver Models

Meet or exceed ASHRAE 90.1b (current standard) C.E.C. Listed

Model Number	Capacity		Recovery 100°F Rise		A Height	B Jacket Dia.	C Wall to Front	D Height to Bracket	E Height to T&P Conn.	Approx. Shipping Weight
	U.S. Gal.	Imp. Gal.	U.S.* GPH	Imp.* GPH	in.	in.	in.	in.	in.	lbs.
LD-WH6U3-1†	6	5	6	5	15 ³ / ₄	14	14 ⁵ / ₈	11 ³ / ₄	11 ⁷ / ₈	33
LD-WH12U3-1†	12	10	6	5	16 ³ / ₈	18	18 ⁵ / ₈	12 ³ / ₄	12 ¹ / ₂	48
LD-WH20L3-1	19	16	6	5	24 ³ / ₈	18	18 ⁵ / ₈	18 ¹ / ₄	21	59
LD-WH30L3-1	30	25	6	5	29 ¹ / ₄	22	22 ⁵ / ₈	23	25 ³ / ₄	82

Model Number	Capacity		Recovery 56°C Rise		A Height	B Jacket Dia.	C Wall to Front	D Height to Bracket	E Height to T&P Conn.	Approx. Shipping Weight
	Liters	Liters/ Hour	Liters/ Hour	Liters/ Hour	mm.	mm.	mm.	mm.	mm.	kg.
LD-WH6U3-1†	23	23	23	23	400	356	372	298	302	15
LD-WH12U3-1†	45	23	23	23	416	457	473	314	317	22
LD-WH20L3-1	72	23	23	23	619	457	473	464	533	27
LD-WH30L3-1	114	23	23	23	743	557	575	584	654	37

Specify wattage and voltage when ordering. Use chart to right for maximum wattages at certain voltages.

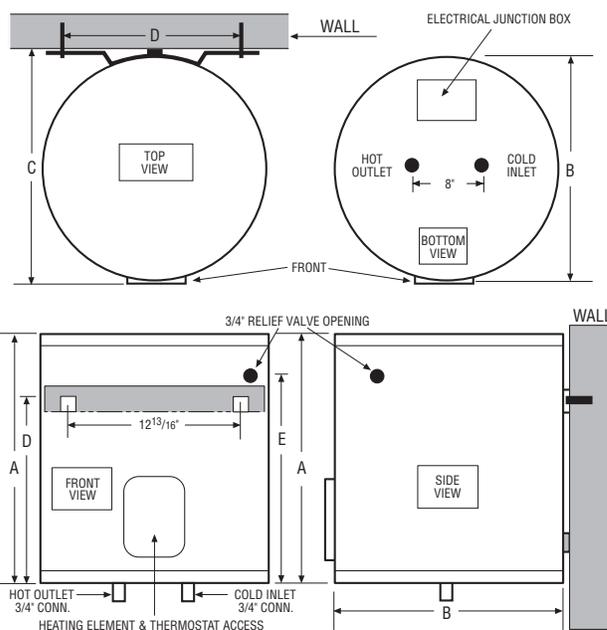
†Maximum wattage at any voltage is 3000W.

For 5 year models, change suffix "3" to "5".

Single element only.

*Based on 1500W operation.

NSF Construction not available.



Wattage	Recovery Temperature Rise °F				
	60	80	90	100	120
1500W	10	8	7	6	5
2000W	14	10	9	8	7
2500W	17	13	11	10	9
3000W	21	15	14	12	10
3500W	24	18	16	14	12
4000W	28	21	18	16	14
4500W	31	23	21	19	15
5000W	34	26	23	21	17
5500W	38	29	25	23	19
6000W	41	31	28	25	21

Wattage Limitations	Voltage				
	120V	208V	240V	277V	480V
1500W	yes	yes	yes	yes	yes
2000W	yes	yes	yes	yes	yes
2500W	yes	yes	yes	yes	yes
3000W	yes	yes	yes	yes	yes
3500W	no	yes	yes	no	no
4000W	no	yes	yes	yes	yes
4500W	no	yes	yes	yes	yes
5000W	no	yes	yes	yes	yes
5500W	no	yes	yes	no	no
6000W	no	yes	yes	yes	yes

General

All models UL and CUL listed. These heaters are wired Single Phase, 120V with one 1500W element, unless otherwise specified.

All water and electrical connections are 3/4" (19mm)NPT.

All models certified at 300 psi test pressure (2068 kPa) and 150 psi working pressure (1034 kPa).

Applicable models CSA verified for energy performance in accordance with C191.1-M90.

Dimensions and specifications subject to change without notice in accordance with our policy of continuous product improvement.



For U.S. and Canada field service, contact your professional installer or local Bradford White sales representative.

Sales 800-523-2931 • Fax 215-641-1670 / Technical Support 800-334-3393 • Fax 269-795-1089 • Warranty 800-531-2111 • Fax 269-795-1089

International: Telephone 215-641-9400 • Telefax 215-641-9750 / www.bradfordwhite.com

BRADFORD WHITE-CANADA INC. Sales / Technical Support 866-690-0961 / 905-238-0100 • Fax 905-238-0105 / www.bradfordwhite.com

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