

Residential Wall Hung Energy Saver Electric Water Heater



Photo is of
M-1-WH6U6SS

The Wall Hung Electric Models Feature:

- **DOE**—All residential storage models above 20 gallon capacity meet or exceed efficiency requirements of the Department of Energy. ASHRAE Standard 90.1 b (current standard) and the National Appliance Energy Conservation Act of 1987 recent amendment effective January 20, 2004 which supercedes all state and local efficiency requirements.
- **Fully Automatic Thermostat Controls**—Fast acting surface-mount thermostat with high limit energy cut-off (manual reset) for safety.
- **Direct Heat Transfer With a Single Immersed Element**—Transfers heat directly and efficiently to the water. Screw-in style element.
- **Vitraglas® Lining**—An exclusively engineered enamel formula that provides superior tank protection from the highly corrosive effects of hot water. This formula (Vitraglas®) is fused to the steel surface by firing at a temperature of over 1600°F (871°C).
- **Insulation System**—1" (25mm) Non-CFC foam insulation covers the sides and top of the tank, reducing heat loss. This results in less energy consumption, improved efficiencies, and jacket rigidity (30 gallon model has 2" - 51mm).
- **Factory Installed Heavy Duty Wall Mounting Bracket**—no additional brackets or modifications required.
- **Water Connections**—3/4" (19mm) NPT factory-installed true dielectric fittings extend water heater life and simplify water line connections.
- **Protective Magnesium Anode Rod**—Provides added protection against corrosion for long-term, 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**—Included.



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



6 or 10-Year Limited Tank Warranties / 6 or 10-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.

MANUFACTURED UNDER ONE OR MORE OF THE FOLLOWING U.S. PATENTS: 5,682,666; 7,634,976; 5,660,165; 5,954,492; 6,056,542; 6,935,280; 5,372,185; 5,485,879; 5,574,822; 7,971,560; 7,992,526; 6,684,821; 6,442,178; 7,334,419; 7,866,168; 7,270,087; 7,007,748; 5,596,952; 6,142,216; 7,699,026; 5,341,770; 7,337,517; 7,665,211; 7,665,210; 7,063,132; 7,063,133; 7,559,293; 7,900,589; 5,943,984; 8,082,888; 5,988,117; 7,621,238; 7,650,859; 5,761,379; 7,409,925; 5,277,171; 8,146,772; 7,458,341; 2,262,174. OTHER U.S. AND FOREIGN PATENT APPLICATIONS PENDING. CURRENT CANADIAN PATENTS: 2,314,845; 2,504,824; 2,108,186; 2,143,031; 2,409,271; 2,548,958; 2,112,515; 2,476,685; 2,239,007; 2,092,105; 2,107,012. Vitraglas® is a registered trademark of Bradford White® Corporation.

Residential Electric Water Heater

Wall Hung Energy Saver Models

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

Model Number	Capacity		Recovery 90°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.
M-1-WH6U6SS†	6	5	7	6	15 ³ / ₄	14	14 ⁵ / ₈	11 ³ / ₄	11 ⁷ / ₈	33
M-1-WH12U6SS	12	10	7	6	16 ³ / ₈	18	18 ⁵ / ₈	12 ³ / ₄	12 ¹ / ₂	48
M-1-WH20L6SS	19	16	7	6	24 ³ / ₈	18	18 ⁵ / ₈	18 ¹ / ₄	21	59
M-2-WH30L6SS	30	25	7	6	29 ¹ / ₄	22	22 ⁵ / ₈	23	25 ³ / ₄	82

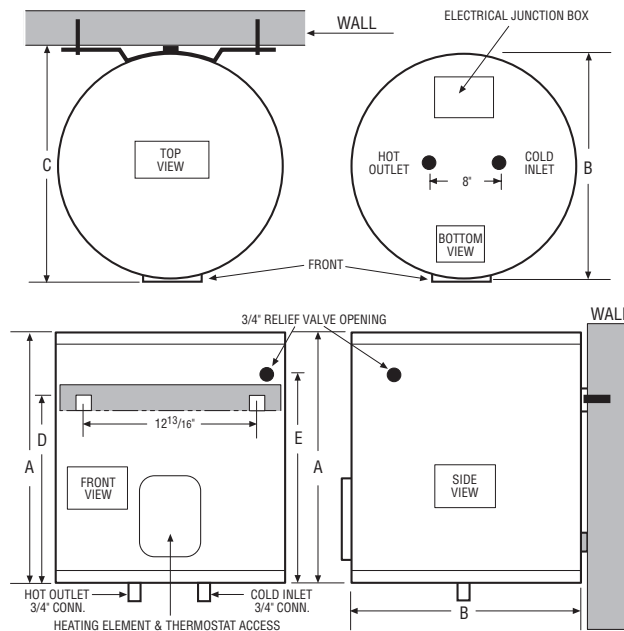
Model Number	Capacity		Recovery 50°C Rise		A Height	B Jacket Dia.	C Wall to Front	D Height to Bracket	E Height to T&P Conn.	Approx. Shipping Weight
	Liters		Liters/* Hour		mm.	mm.	mm.	mm.	mm.	kg.
M-1-WH6U6SS†	23		26		400	356	372	298	302	15
M-1-WH12U6SS	45		26		416	457	473	314	317	22
M-1-WH20L6SS	72		26		619	457	473	464	533	27
M-2-WH30L6SS	114		26		743	557	575	584	654	37

†Maximum wattage at any voltage is 3000W.

For 10 year models, change suffix "6" to "10".

Single element only.

*Based on 1500W operation.



Wattage	Recovery GPH 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 ETL 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.



Ambler, PA

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

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