

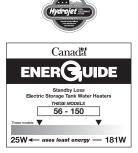
Residential Upright Electric Water Heater



Photo is of M-2-50T6DS

FEATURING:

Intertek



ntertek

The Upright Electric Models Feature:

- Fully Automatic Controls—Fast acting surface-mount thermostat with high limit energy cut-off (manual reset) for safety.
- Direct Heat Transfer With Immersed Elements—Transfers heat directly and efficiently to the water. Screw-in style.
- Factory Installed Hydrojet® Total Performance System—Sediment reducing device that also increases first hour rating of hot water while minimizing temperature build-up in tank.
- 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—2" (51mm) 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.
- Water Connections— 3/4" (19mm) NPT factory-installed true dielectric fittings extend water heater life and simplify water line connections.
- Factory Installed Heat Traps—Design incorporates a flexible disk that reduces heat loss in piping and eliminates the potential for noise generation (Except M-2-120R).
- Protective Magnesium Anode Rod—Provides added protection against corrosion for long-term, trouble-free service.
- Simultaneous and Non-Simultaneous Operation Available— Simultaneous operation indicates when both elements (if equipped) are being heated at the same time. Non-Simultaneous operation indicates when one element is being heated at a time.
- Voltages Available—120V, 208V, 240V, 277V, 480V.
- Single Phase or Three Phase Operation Available—277V may only be wired for single phase operation.
- **T&P Relief Valve**—Included. All models have special tapping on top of tank.
- Low Restrictive Brass Drain Valve—Durable tamper proof design.
- Design evaluated by ETL in accordance with Part 280.707(d) of HUD Mobile Home Construction and Safety Standards for Energy Efficiency.



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 OF 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; 7,344,19; 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; 7,665,211; 7,665,212; 7,063,132; 7,053,133; 7,559,293; 7,900,589; 5,943,984; 8,082,888; 5,988,117; 7,621,238; 7,650,559; 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; 2,548,358; 2,112,515; 2,476,685; 2,239,007; 2,092,105; 2,107,012. UTraglas^a and Hydrojet^a are registered trademarks of Bradford White^a Corporation.

Residential Upright Electric Water Heater

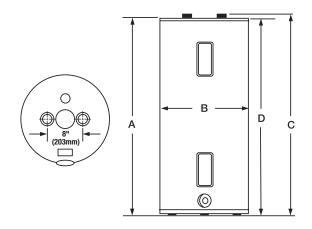
Upright Models

Model Number	Nominal Gal. Capacity		Diandhu	First Hour	Recovery 90°F Rise*		A Floor to Heater	B Jacket Dia.	C Floor to Water	D Floor to T&P	Approx. Shipping Weight
	U.S. Gal.	lmp. Gal.	Standby Loss (Watts)	Rating (Gal.)	U.S. GPH	lmp. GPH	Top in.	in.	Conn. in.	Conn. in.	lbs.
M-2-30R6DS	30	25	56	50	21	18	467/8	18	481/8	47 ³ / ₁₆	85
M-2-40S6DS	40	33	63	56	21	18	467/8	20	477/8	467/8	103
M-2-40T6DS	40	33	63	56	21	18	59 ³ /4	18	60 ³ / ₄	59 ³ / ₄	110
M-2-50S6DS†	50	42	70	67	21	18	461/2	22	471/2	461/2	130
M-2-50T6DS	50	42	70	67	21	18	57 ¹ / ₂	20	58 ¹ /2	57 ¹ /2	123
M-2-65R6DS	65	54	81	77	21	18	59 ¹ / ₄	22	601/4	59 ¹ /4	156
M-2-80R6DS	80	67	97	92	21	18	59 ¹ / ₄	24	601/4	59 ¹ /4	183
M-2-120R6DS	119	99	150	N/A	21	18	623/4	28	641/4	621/4	305
Model Number	Li	ninal ter		First	Reco 50°C	very Rise*	A Floor to	B Jacket	C Floor to	D Floor to	Approx. Shipping Weight
	Cap	acity	Standby Loss (Watts)	First Hour Rating (Liters)		ers/ our	Heater Top mm.	Dia. mm.	Water Conn. mm.	T&P Conn. mm.	
M-2-30R6DS		аспу 14		Hour		our	Тор		Conn.	Conn.	kg.
M-2-30R6DS M-2-40S6DS	1		Loss (Watts)	Hour Rating (Liters)	Ho	our 9	Top mm.	mm.	Conn. mm.	Conn. mm.	kg.
	1	14	Loss (Watts) 56	Hour Rating (Liters) 189	Hc 79	our 9 9	Top mm. 1191	mm. 457	Conn. mm. 1222	Conn. mm. 1199	kg . 39
M-2-40S6DS	1	14 51	Loss (Watts) 56 63	Hour Rating (Liters) 189 212	Hc 79 79	9 9 9 9	Top mm. 1191 1191	mm. 457 508	Conn. mm. 1222 1216	Conn. mm. 1199 1191	kg . 39 47
M-2-40S6DS M-2-40T6DS	1 1 1: 1:	14 51 51	Loss (Watts) 56 63 63	Hour Rating (Liters) 189 212 212	Hc 79 79 79	5000 9 9 9 9 9	Top mm. 1191 1191 1518	mm . 457 508 457	Conn. mm. 1222 1216 1543	Conn. mm. 1199 1191 1518	kg. 39 47 50
M-2-40S6DS M-2-40T6DS M-2-50S6DS†	1 1 1! 1!	14 51 51 89	Loss (Watts) 56 63 63 70	Hour Rating (Liters) 189 212 212 212 254	Hc 79 79 79 79	our 9 9 9 9 9 9	Top mm. 1191 1191 1518 1181	mm. 457 508 457 559	Conn. mm. 1222 1216 1543 1207	Conn. mm. 1199 1191 1518 1181	kg. 39 47 50 59
M-2-40S6DS M-2-40T6DS M-2-50S6DS† M-2-50T6DS	1 1 1 1 1 1 1 1 1 1 1 1 1 1	14 51 51 89 89	Loss (Watts) 56 63 63 70 70 70	Hour Rating (Liters) 189 212 212 254 254 254	Ho 79 79 79 79 79	Dur 9	Top mm. 1191 1191 1518 1181 1461	mm. 457 508 457 559 508	Conn. mm. 1222 1216 1543 1207 1486	Conn. mm. 1199 1191 1518 1181 1461	kg. 39 47 50 59 56

If bottom cold water inlet kit is required, order part # 265-52904-00.

† Available with optional hand hole cleanout.
For 10 year models, change suffix "6" to "10".
For single element models change suffix "D" to "S".
(M-2-120 not available as a single element model).

Based on 4500W/4500W, Non-Simultaneous operation.



	Recovery ▲ GPH Temperature Rise °F						
Wattage	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		
0000141	4.4	01	00	0.5	01		
6000W	41	31	28	25	21		
600077		Re	cover	v 🔺			
	LPH	Re Tem	cover	y 🔺 ire Ri	se °C		
Wattage	LPH 34	Re Tem 45	cover perati 50	y ▲ ire Ri 56	se °C 67		
Wattage 1500W	LPH 34 38	Re Tem 45 30	cover berati 50 26	y ▲ ire Ri 56 23	se °C 67 19		
Wattage 1500W 2000W	LPH 34 38 53	Re Tem 45 30 38	50 26 34	y ▲ ire Ri 56 23 30	se °C 67 19 26		
Wattage 1500W 2000W 2500W	LPH 34 38 53 64	Re Tem 45 30 38 49	50 26 34 42	y ▲ 56 23 30 38	se °C 67 19 26 34		
Wattage 1500W 2000W 2500W 3000W	LPH 34 38 53 64 79	Re 15 30 38 49 57	50 26 34 42 53	y ▲ ire Ri 56 23 30 38 45	se °C 67 19 26 34 38		
Wattage 1500W 2000W 2500W 3000W 3500W	LPH 34 38 53 64 79 91	Re 45 30 38 49 57 68	50 26 34 42 53 61	y ▲ ire Ri 56 23 30 38 45 53	se °C 67 19 26 34 38 45		
Wattage 1500W 2000W 2500W 3000W 3500W 4000W	LPH 34 38 53 64 79 91 106	Re 45 30 38 49 57 68 79	cover 50 26 34 42 53 61 68	y ▲ ire Ri 56 23 30 38 45 53 61	se °C 67 19 26 34 38 45 53		
Wattage 1500W 2000W 2500W 3000W 3500W 4000W 4500W	LPH 34 38 53 64 79 91	Re 45 30 38 49 57 68	50 26 34 42 53 61	y ▲ 1re Ri 56 23 30 38 45 53 61 72	se °C 67 19 26 34 38 45		
Wattage 1500W 2000W 2500W 3000W 3500W 4000W	LPH 34 38 53 64 79 91 106	Re 45 30 38 49 57 68 79	cover 50 26 34 42 53 61 68	y ▲ ire Ri 56 23 30 38 45 53 61	se °C 67 19 26 34 38 45 53		
Wattage 1500W 2000W 2500W 3000W 3500W 4000W 4500W	LPH 34 38 53 64 79 91 106 117	Re 145 30 38 49 57 68 79 87	cover 50 26 34 42 53 61 68 79	y ▲ 1re Ri 56 23 30 38 45 53 61 72	se °C 67 19 26 34 38 45 53 57		

Wattage Limitations for	Voltage						
Simultaneous Operation	120V	208V	240V	277V	480V		
1500W / 1500W	yes	yes	yes	yes	yes		
2000W / 2000W	no	yes	yes	yes	yes		
2500W / 2500W	no	yes	yes	yes	yes		
3000W / 3000W	no	yes	yes	yes	yes		
3500W / 3500W	no	yes	yes	no	no		
4000W / 4000W	no	yes	yes	yes	yes		
4500W / 4500W	no	yes	yes	yes	yes		
5000W / 5000W	no	yes	yes	yes	yes		
5500W / 5500W	no	no	yes	no	no		
6000W / 6000W	no	no	no	yes	yes		
Wattage Limitations for Non-Simultaneous	Voltage						
Operation	120V	208V	240V	277V	480V		
1500W / 1500W	yes	yes	yes	yes	yes		

Limitations for Non-Simultaneous	Voltage							
Operation	120V	208V	240V	277V	480V			
1500W / 1500W	yes	yes	yes	yes	yes			
2000W / 2000W	yes	yes	yes	yes	yes			
2500W / 2500W	yes	yes	yes	yes	yes			
3000W / 3000W	yes	yes	yes	yes	yes			
3500W / 3500W	no	yes	yes	no	no			
4000W / 4000W	no	yes	yes	yes	yes			
4500W / 4500W	no	yes	yes	yes	yes			
5000W / 5000W	no	yes	yes	yes	yes			
5500W / 5500W	no	yes	yes	no	no			
6000W / 6000W	no	yes	yes	yes	yes			

▲ (GPH/LPH based on Non-Simultaneous operation, when Simultaneous operation the GPH/LPH will approximately double.)

General

All models ETL listed. These heaters are wired inter-locking (Non-Simultaneous, Single Phase) 240V with two 4500W elements, unless otherwise specified. All water and electrical connections are 3/4" NPT (19mm), 120 gallon model has 1"(25mm) NPT. All models certified at 300 PSI test pressure (2068 kPa) and 150 PSI working pressure (1034 kPa.)

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



For field service, contact your professional installer or local Bradford White sales representative. Sales / Technical Support 1-866-690-0961 / 905-203-0600

www.bradfordwhite.com