



## Residential Energy Saver PowerCor® Indirect-Fired Water Heater

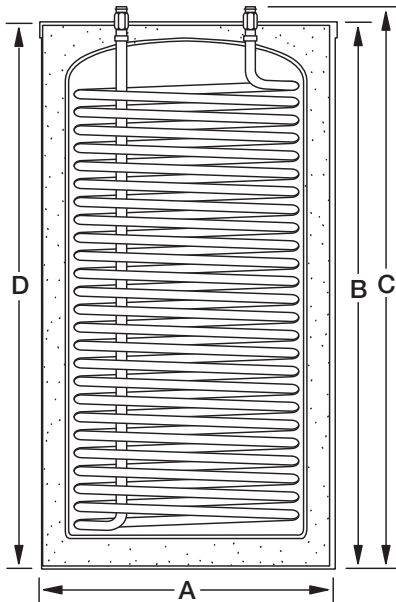
### Features:

 Bradford White is ISO registered to the 9001 standard.

- **2" Non-CFC foam insulation**—covers the sides and top of tank to save energy by retarding loss of heat. Also increases jacket rigidity.
- **Factory installed nipples**—for longer water heater life. Easier installation.
- **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.
- **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.
- **Protective magnesium anode rod**—provides added protection against corrosion for long trouble-free service.
- **Factory installed Hydrojet® Total Performance System**—cold inlet sediment reducing device. Helps to minimize sediment build up in tank. Increases first hour delivery of hot water while minimizing temperature build up at top of tank.
- **Heat exchanger – UltraCoil® Heat Transfer System**—dielectrically isolated, double wall type consisting of a highly conductive material with an NSF approved cross linked polyethylene (PEX) coating. Also, incorporates two monofilament channels between the walls for leak detection purposes. Leak detection hole is located at top of unit on both heat exchanger connections.
- **Stand-by heat loss**—less than ½°F per hour.
- **Brass drain valve.**
- **T&P relief valve opening**—all models feature top connection.
- **Ten year limited warranty on steel tank and heat exchanger**—heavy gauge steel automatically formed, rolled and welded to assure a continuous seam for glass lining.
- **Six year limited warranty on parts.**

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; 6,684,821; 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. 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.

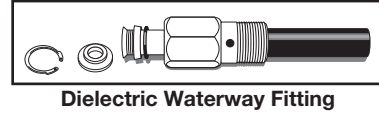
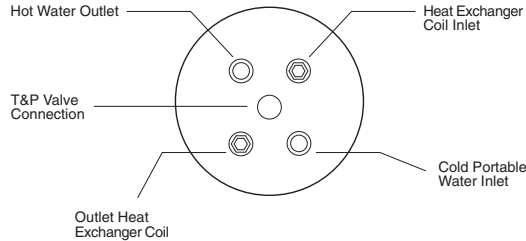
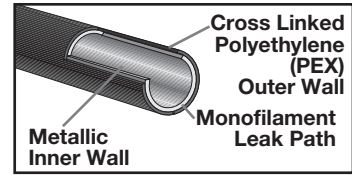
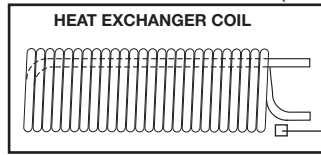




# Residential Energy Saver PowerCor® Indirect-Fired Water Heater

## Energy Saver Models

These water heaters meet or exceed the insulating standards established under ASHRAE Standard 90.1b (current standard).



## PowerCor® Indirect-Fired Models

Model	Imp. Gal. Cap.	U.S. Gal. Cap.	Liters	A Jacket Diameter		B Height Floor to Heater Top		C Floor to Water Conn.		D Height Floor to T&P Conn.		Approx. Shipping Weight	
				in.	mm.	in.	mm.	in.	mm.	in.	mm.	Lbs.	Kg.
M2-P-40R10	33	40	151	20	508	46 $\frac{1}{4}$	1187	48	1219	46 $\frac{1}{4}$	1187	112	51
M2-P-50R10	42	50	189	22	559	46 $\frac{1}{4}$	1175	47 $\frac{1}{4}$	1200	46 $\frac{1}{4}$	1175	139	63
M2-P-65R10	54	65	246	22	559	58 $\frac{1}{4}$	1492	60	1524	58 $\frac{1}{4}$	1492	165	75
M2-P-80R10	67	80	303	24	610	58 $\frac{1}{4}$	1492	59 $\frac{1}{2}$	1511	58 $\frac{1}{4}$	1492	192	87

### General

All models UL and C-UL listed. All units are certified at 300 PSI (2068 kPa) test pressure and 150 PSI working pressure (1034 kPa). All potable water and heat exchanger connections are  $\frac{3}{4}$ " (19mm) NPT on 8" (203mm) centers.

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

	M2-P-40R10	M2-P-50R10	M2-P-65R10	M2-P-80R10
Rec. GPH @ 90°F Rise†	75	77	90	94
Rec. LPH @ 50°C Rise†	284	291	341	356
1st Hour Rating @ 140°F	104	115	139	150
1st Hour Rating @ 60°C	394	435	526	568
1st Hour Rating @ 115°F	162	180	217	234
1st Hour Rating @ 46°C	613	681	821	886

Note: Minimum Boiler Output: 70,000 BTU/H (20.5 KW/H) for M2P (40, 50) R10

Minimum Boiler Output: 84,000 BTU/H (24.6 KW/H) for M2P (65, 80) R10

Boiler Supply Temperature: 180°F (82°C) Maximum

† 90°F (50°C) Rise from 50° to 140°F (10° to 60°C).

Numbers subject to change.

### 6-Year Limited Warranty on Component Parts

BRADFORD WHITE CORPORATION has a 6-year warranty on replaceable parts—thermostat, dip tube, drain valve. These quality components are manufactured for us by industry leaders and will be replaced in the event of failure during the parts warranty period (exclusive of shipping and re-installation cost.)§

### 10 Year Limited Tank and Heat Exchanger Warranties

BRADFORD WHITE CORPORATION LIMITED WARRANTY: Protects your investment in a quality glass-lined water heater and double wall heat exchanger. If the tank or heat exchanger leaks for reasons of faulty materials, workmanship, or corrosion within the warranty period, the entire unit will be replaced with a comparable unit of our manufacture (exclusive of shipping and re-installation cost.)§

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

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**BRADFORD WHITE®**  
CORPORATION

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  
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888-538-7833

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