

Solar Saver®

Residential Electric Backup Models

Features

- **Vitraglas® Lining with Microban®**—An exclusively engineered enamel formula that provides superior tank protection from the corrosive effects of water; and with Microban® antimicrobial product protection to help prevent the growth of bacteria, mold and mildew on the surface of the tank lining.
- **Hydrojet® Total Performance System**—Sediment reducing device that also increases first hour delivery of hot water while minimizing temperature build-up in tank.
- **Backup Element**—A single backup heating element provides heat only when solar energy does not satisfy demand.
- **Fully Automatic Controls**—Fast acting surface-mount thermostat for automatic temperature control. Factory installed sensitive manual reset energy cutoff for safety to prevent overheating.

Additional Details

- **Supply and Return Connections**—3/4" NPT female connections are located on the top for both the solar collector supply and return.
- **Alternate Solar Collector Supply and Return Connections**—Located on the front for additional application flexibility (MS80 and MS120 only).
- **Insulation System**—Non-CFC foam covers the tank, reducing heat loss, energy consumption, and improves efficiency and jacket rigidity.
- **Water Connections**—3/4" (19mm) NPT factory-installed true dielectric fittings extend water heater life and simplify water line connections.
- **Sensor Wires for Solar Thermistor Connections**—Twisted wires are provided as a means for connecting thermistors to a solar controller (thermistors and solar controller are not provided).
- **Protective Anode Rod**—Provides added protection against corrosion for long-term, trouble-free service.
- **Direct Heat Transfer With Immersed Element**—Screw-in style.
- **T&P Relief Valve**—Installed.
- **Low Restrictive Brass Drain Valve**—Durable tamper proof design.



Photo is of MS80R6SS



6 or 10-Year Limited Tank Warranties / 6-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. See complete copy of the warranty included with the heater for limitations.

Microban® antimicrobial product protection helps prevent the growth of bacteria, mold and mildew that may affect the product. The built-in antimicrobial properties do not protect users or others from disease-causing organisms. Microban® is a registered trademark of Microban Products Company.

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SPECIFICATIONS

These water heaters meet or exceed all or portions of (where applicable) the minimum efficiency requirements of ASHRAE Standard 90.1 (latest edition).

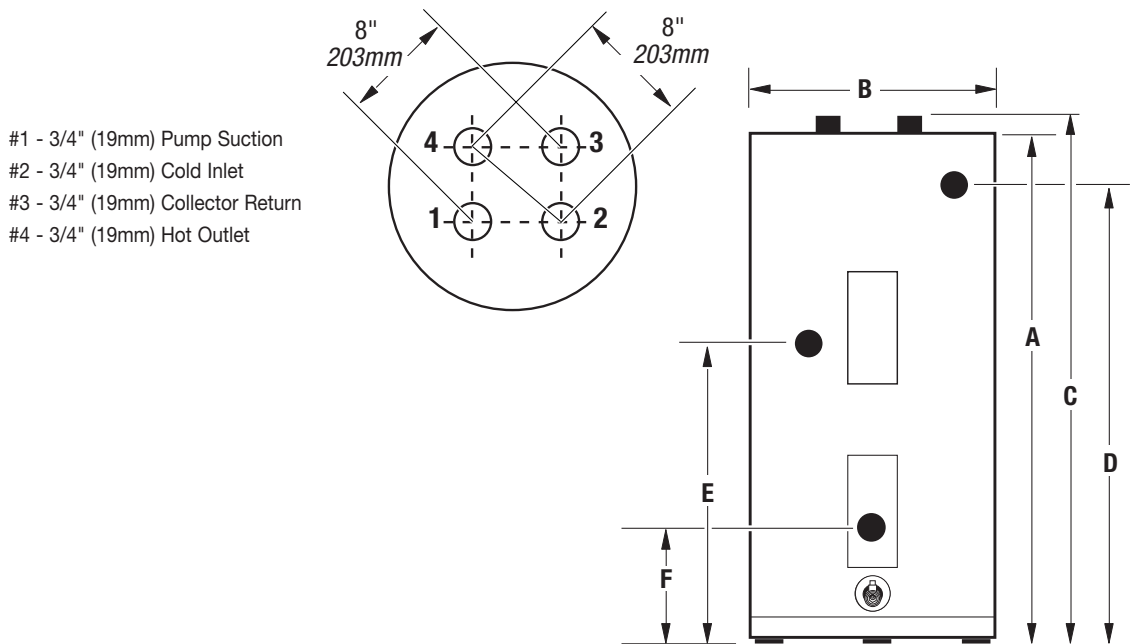
Model Number	Capacity		Recovery at 90°F Rise*		A Floor to Heater Top	B Jacket Dia.	C Floor to Water Conn.	D Floor to T&P Conn.	E Floor to Alt. Collector Return Conn.	F Floor to Alt. Collector Supply Conn.	Approx. Shipping Weight
	U.S. Gal.	Imp. Gal.	U.S. GPH	Imp. GPH	in.	in.	in.	in.	in.	in.	lbs.
MS65R6SS	65	54	21	18	59	22	60	52½	—	—	168
MS80R6SS†	80	67	21	18	59	24	60	52½	38	7⅞	210
MS120R6SS†	119	99	21	18	62½	28	63½	56	38¼	7⅞	310

Model Number	Capacity		Recovery at 50°C Rise*		A Floor to Heater Top	B Jacket Dia.	C Floor to Water Conn.	D Floor to T&P Conn.	E Floor to Alt. Collector Return Conn.	F Floor to Alt. Collector Supply Conn.	Approx. Shipping Weight
	Liters	Liters/ Hour	Liters/ Hour	Liters/ Hour	mm.	mm.	mm.	mm.	mm.	mm.	kg.
MS65R6SS	246	79	79	79	1499	559	1524	1334	—	—	75
MS80R6SS†	303	79	79	79	1499	610	1524	1334	965	200	95
MS120R6SS†	450	79	79	79	1594	711	1613	1422	972	200	141

* Based on standard 240 volt, 4500 W operation.

† Models offer additional solar collector return connections.

If requirements are for storage only, do not use element connections.



GENERAL:

All electric water heaters are certified at 300 PSI test pressure (2068 kPa) and 150 PSI working pressure (1034 kPa). All potable water connections are 3/4" NPT (19mm) on 8" (203mm) centers. All models UL® listed.

Toxic chemicals, such as those used for boiler treatment, shall NEVER be introduced into the potable side of this system. The potable side may NEVER be connected to any existing heating system or component(s) previously used with a non-potable water heating appliance.

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



Sales: 800-523-2931
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