

## **EcoStor™ DC Solar Indirect System Dual Coil Heat Exchanger Backup Models**



Photo is of  
**S-DC-DW2-55R6SW**

### **The EcoStor™ Dual Coil Models feature:**

- **Applications**—Dual heat exchangers located inside the tank may be connected to a variety of different heating systems. Solar heating, Space heating, Geothermal heating, and Boiler heating. The above systems can also be utilized in separate, or in combined configurations resulting in greater application flexibility.
- **Dual Coil Design**—A single wall, 1½" O.D. glass coated (Vitrarglas®) carbon steel heat exchanger is located in the upper portion of tank and provides enhanced heat transfer capability. A double wall, 1½" O.D. glass coated (Vitrarglas®) carbon steel heat exchanger is located in the lower portion of tank and provides additional protection between the heating fluid and surrounding hot water.
- **Sensor Wires for Solar Thermistor Connections**—Twisted wires are provided under the Upper and Lower covers. These wires have been provided as a means for connecting thermistors to a solar controller (Thermistors and Solar Controller are not provided).
- **Integrated Mixing Device**—Integrated mixing device features a thermostatically controlled mixing device that is pre-piped with a flexible connector. This required system is easily installed and ensures a comfortable outlet temperature while providing a steady flow of hot water.
- **Factory Installed Hydrojet® Total Performance System**—Cold water inlet sediment reducing device helps prevent sediment build up in tank. Increases first hour delivery of hot water while minimizing temperature build up in tank.
- **Vitrarglas® 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 Vitrarglas® lining provides a tough interior surface for our hot water tanks.
- **Fully Automatic Controls**—Two surface mounted thermostats with high temperature cut-off devices are located in the upper and lower cover locations. Designed for applications such as a boiler where a specific temperature is desired to control a circulator.
- **Supply and Return Connections**—Upper heat exchanger has 1" NPT female connections. Lower heat exchanger has ¾" NPT female connections. All connections are located on the front for ease of installation.
- **2" Non-CFC Foam Insulation**—Covers the sides and top of tank, reducing the amount of heat loss. This results in less energy consumption, improved operation efficiencies and jacket rigidity.
- **Potable Water Connections**—¾" NPT factory installed true dielectric fittings extend water heater life and eases installation.
- **Two Protective Aluminum Anode Rods**—Provide added protection against corrosion for long trouble-free service.
- **Steel Tank**—Heavy gauge steel automatically formed, rolled and welded to assure a continuous seam for glass lining.
- **T&P Relief Valve**—Included.
- **Brass Drain Valve.**



### **6-Year Limited Tank Warranties / 6-Year Limited Warranty on Component Parts.**

For more information on warranty, please visit [www.bradfordwhite.com](http://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.

# EcoStor™ Indirect Water Heater System

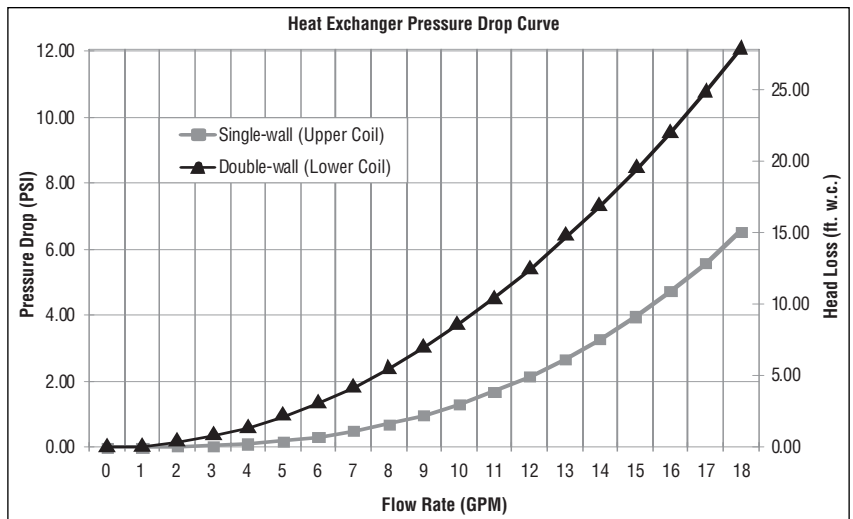
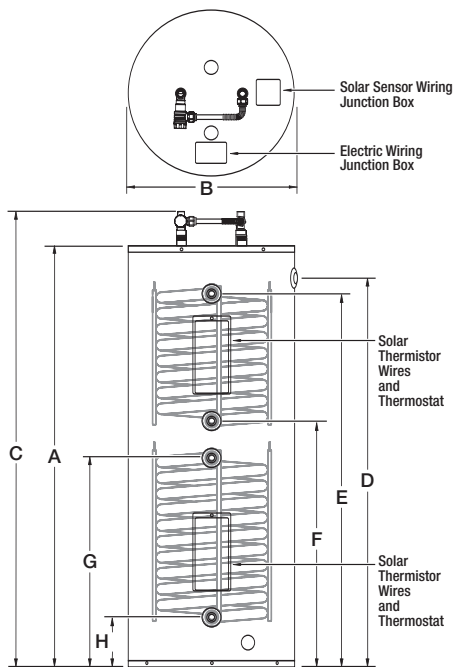
## Dual Coil Heat Exchanger Backup Models

Meet or exceed ASHRAE 90.1b (current standard)

Model Number	Capacity		A	B	C	D	E	F	G	H	Approx. Shipping Weight
	U.S. Gal.	Imp. Gal.	Floor to Heater Top in.	Jacket Dia. in.	Floor to Water Conn. in.	Floor to T&P Conn. in.	Floor to Upper Collector Supply in.	Floor to Upper Collector Return in.	Floor to Lower Collector Supply in.	Floor to Lower Collector Return in.	
S-DC-DW2-55R6SW	55	46	59 <sup>1</sup> / <sub>4</sub>	22	62 <sup>3</sup> / <sub>4</sub>	53	56	37 <sup>1</sup> / <sub>2</sub>	27 <sup>1</sup> / <sub>2</sub>	5 <sup>3</sup> / <sub>8</sub>	282
S-DC-DW2-70R6SW	70	58	59 <sup>1</sup> / <sub>4</sub>	24	62 <sup>3</sup> / <sub>4</sub>	53	56	37 <sup>1</sup> / <sub>2</sub>	27 <sup>1</sup> / <sub>2</sub>	5 <sup>3</sup> / <sub>8</sub>	313
S-DC-DW2-110R6SW	110	92	62 <sup>1</sup> / <sub>2</sub>	28 <sup>1</sup> / <sub>4</sub>	66	55 <sup>3</sup> / <sub>4</sub>	57 <sup>3</sup> / <sub>4</sub>	39 <sup>1</sup> / <sub>4</sub>	27 <sup>1</sup> / <sub>2</sub>	5 <sup>3</sup> / <sub>8</sub>	442

Model Number	Capacity		A	B	C	D	E	F	G	H	Approx. Shipping Weight
	Liters		Floor to Heater Top mm.	Jacket Dia. mm.	Floor to Water Conn. mm.	Floor to T&P Conn. mm.	Floor to Upper Collector Supply mm.	Floor to Upper Collector Return mm.	Floor to Lower Collector Supply mm.	Floor to Lower Collector Return mm.	
S-DC-DW2-55R6SW	208		1504	559	1594	1346	749	187	—	—	95
S-DC-DW2-70R6SW	265		1504	609	1594	1346	749	187	—	—	107
S-DC-DW2-110R6SW	416		1593	717	1676	1416	749	187	—	—	154



### General

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

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

**Suitable for Water (Potable) Heating and Space Heating.**

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.



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

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**Built to be the Best™**

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