

Residential Solar Water Heaters

Energy-saving Bradford White Solar water heaters are available in many configurations. Most models feature Bradford White's patented Vitraglas® coated heat exchange coil for superior heat transfer.



All Models feature:

- Hydrojet® Total Performance System
- Vitraglas® Tank Lining
- Sensor Wires for Solar Thermistor Connections
- Protective Anode Rods
- Low Restriction Brass Drain Valve-with Tamper Proof Design

Solar Gas Models feature:

- ICON System™ Gas Control - Intelligent gas control with spark-to pilot-ignition system that eliminates the constant burning pilot.
- **Advanced Temperature Control System** - Microprocessor constantly monitors and controls burner operation to maintain accurate water temperature levels.
- **Intelligent Diagnostics** - An exclusive green LED light prompts the installer during startup and provides ten different diagnostic codes to assist in troubleshooting.
- **Pilot On Indication** - Flashing green LED provides positive indication that pilot is on

Bradford White Solar Heating Solutions



EcoStor™ Single Wall Electric Backup Models

| Model Number | Gal. Cap. | GPH Recovery 90°F Rise | Floor to Top of Heater | Jacket Diameter |
|---------------|-----------|------------------------|------------------------|-----------------|
| S-SW2-60R6DS | 60 | 20 | 59 1/4" | 22" |
| S-SW2-75R6DS | 75 | 20 | 59 1/4" | 24" |
| S-SW2-115R6DS | 115 | 20 | 62 3/4" | 28 1/4" |

- Internal Single Wall Heat Exchanger- Single Wall 1 1/2" O.D. glass-coated (Vitrarglas®) steel coil
- 1" NPT Front Supply and Return Connections
- Direct Heat Transfer with Immersed Incoloy Element(s) - transfers heat directly and efficiently to the water.



EcoStor2™ Double Wall Electric Backup Models

| Model Number | Gal. Cap. | GPH Recovery 90°F Rise | Floor to Top of Heater | Jacket Diameter |
|---------------|-----------|------------------------|------------------------|-----------------|
| S-DW2-60R6DS | 60 | 20 | 59 1/4" | 22" |
| S-DW2-75R6DS | 75 | 20 | 59 1/4" | 24" |
| S-DW2-115R6DS | 115 | 20 | 62 3/4" | 28 1/4" |

- Internal Double Wall Heat Exchanger- Double Wall 1 1/2" O.D. glass-coated (Vitrarglas®) steel coil ensures separation of potable water and heating fluid
- 3/4" NPT Front Supply and Return Connections
- Direct Heat Transfer with Immersed Incoloy Element(s) - transfers heat directly and efficiently to the water.



EcoStor™ Dual Coil Heat Exchanger Backup Models

| Model Number | Gal. Cap. | Upper Coil Water Conn. | Lower Coil Water Conn. | Floor to Top of Heater | Jacket Diameter |
|------------------|-----------|------------------------|------------------------|------------------------|-----------------|
| S-DC-DW2-55R6SW | 55 | 1" | 3/4" | 59 1/4" | 22" |
| S-DC-DW2-70R6SW | 70 | 1" | 3/4" | 59 1/4" | 24" |
| S-DC-DW2-110R6SW | 110 | 1" | 3/4" | 62 1/2" | 28 1/4" |

- Dual Coil Design- A Single Wall, 1 1/2" O.D. glass-coated (Vitrarglas®) carbon steel heat exchanger in upper portion of tank and a Double Wall 1 1/2" O.D. glass-coated (Vitrarglas®) carbon steel heat exchanger in lower portion of tank
- Internal Single Wall Heat Exchange - Single Wall 1 1/2" O.D. glass-coated (Vitrarglas®) steel coil
- 1" NPT Front Supply and Return Connections



EcoStor2™ Double Wall Gas Backup Models

| Model Number | Gal. Cap. | Input BTU/Hr. | GPH Recovery 90°F Rise | Floor to Flue Conn. | Jacket Diameter |
|----------------|-----------|---------------|------------------------|---------------------|-----------------|
| S-DW2-504T6FBN | 45 | 65,000 | 69 | 59 1/4" | 22" |
| S-DW2-65T6FBN | 60 | 65,000 | 69 | 63" | 24" |
| S-DW2-75S6BN | 70 | 76,000 | 82 | 62 1/2" | 26" |

- Backup Low NOx Burner
- Internal Double Wall Heat Exchanger- 1 1/2" O.D. glass-coated (Vitrarglas®) steel coil ensures separation of potable water and heating fluid
- 3/4" NPT Solar Collector Supply and Return Connections



EcoStor™ Open Loop Gas Backup Models

| Model Number | Gal. Cap. | Input BTU/Hr. | GPH Recovery 90°F Rise | Floor to Vent Conn. | Jacket Diameter |
|--------------|-----------|---------------|------------------------|---------------------|-----------------|
| S-2-65T6FBN | 65 | 65,000 | 69 | 63" | 24" |
| S-2-75S6BN | 75 | 76,000 | 82 | 62 1/2" | 26" |
| S-2-100T6BN | 100 | 85,000 | 92 | 63 11/16" | 28 1/4" |

- Backup Low NOx Burner
- 3/4" NPT Solar Collector Supply and Return Connections (no internal heat exchanger)



EcoStor2™ TTW® Power Vent Double Wall Gas Backup Models

| Model Number | Gal. Cap. | Input BTU/Hr. | GPH Recovery 90°F Rise | Floor to Vent Conn. | Jacket Diameter |
|------------------|-----------|---------------|------------------------|---------------------|-----------------|
| S-DW2-TW-50T6FBN | 45 | 67,000 | 72 | 59 1/4" | 22" |
| S-DW2-TW-65T6FBN | 60 | 70,000 | 75 | 63" | 24" |
| S-DW2-TW-75T6BN | 70 | 76,000 | 82 | 62 1/2" | 26" |

- Backup Low NOx Burner
- Internal Double Wall Heat Exchanger- 1 1/2" O.D. glass-coated (Vitrarglas®) steel coil ensures separation of potable water and heating fluid
- 3/4" NPT Solar Collector Supply and Return Connections



EcoStor™ TTW® Power Vent Open Loop Gas Backup Models

| Model Number | Gal. Cap. | Input BTU/Hr. | GPH Recovery 90°F Rise | Floor to Vent Conn. | Jacket Diameter |
|---------------|-----------|---------------|------------------------|---------------------|-----------------|
| S-2-TW65T6FBN | 65 | 70,000 | 75 | 63" | 24" |
| S-2-TW75T6BN | 75 | 76,000 | 82 | 62 1/2" | 26" |

- Backup Low NOx Burner
- 3/4" NPT Solar Collector Supply and Return Connections (no internal heat exchanger)



EcoStor2™ Ultra Low NOx Double Wall Gas Backup Models

| Model Number | Gal. Cap. | Input BTU/Hr. | GPH Recovery 90°F Rise | Floor to Flue Conn. | Jacket Diameter |
|----------------|-----------|---------------|------------------------|---------------------|-----------------|
| S-DW4-U5036FBN | 45 | 40,000 | 43 | 59 1/4" | 22" |
| S-DW2-U65T6FBN | 60 | 55,000 | 57 | 63" | 24" |

- Backup Low NOx Burner
- Internal Double Wall Heat Exchanger- 1 1/2" O.D. glass-coated (Vitrarglas®) steel coil ensures separation of potable water and heating fluid
- 3/4" NPT Solar Collector Supply and Return Connections



Solar Saver® Electric Backup Models

| Model Number | Gal. Cap. | GPH Recovery 90°F Rise | Alternate Collector Conn. | Floor to Top of Heater | Jacket Diameter |
|--------------|-----------|------------------------|---------------------------|------------------------|-----------------|
| MS65R6SS | 65 | 21 | No | 59" | 22" |
| MS80R6SS | 80 | 21 | Yes | 59" | 24" |
| MS120R6SS | 119 | 21 | Yes | 62 1/2" | 28" |

- Single backup heating element provides heat only when solar energy does not satisfy demand

Need to compare a competitive model?

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