

PowerStor Series® Indirect Water Heaters

Bradford White PowerStor Series® Single Wall Indirect water heaters offer outstanding performance, high output, superior heat transfer and faster recovery.



- Super-Efficient Heat Transfer
- Low Restriction Heat Exchanger minimizes pressure drop
- Incredible First Hour Deliveries
- Front Boiler Connections for ease of installation
- Immersed Aquastat for automatic temperature control
- Hydrojet® Total Performance System Reduces Sediment Build-up
- All Certified by AHRI
- Three Protective Anode Rods
- Vitraglas® tank lining for unsurpassed protection against corrosion, plus Microban® antimicrobial product protection to prevent the growth of bacteria, mold and mildew on the surface of the tank lining

1½" O.D. Heat Exchange Coil

14.2 sq. ft. Coil Surface Area –Residential Models

27.2 sq. ft. Coil Surface Area –Commercial Models

Committed to the Professional.

bradfordwhite.com


BRADFORD WHITE®
WATER HEATERS

Built to be the Best®

The unique design of the PowerStor Series® heat exchanger minimizes flow restriction and pressure drop, allowing these indirect water heaters to generate more hot water in either residential or commercial applications.

Residential PowerStor Single Wall Indirect Models

Model Number	Capacity (Gal.)	Height In.	Diameter In.	Approx. Shipping Weight (lbs)
SW-2-30-L	29	33 ⁵ / ₈	22	164
SW-2-40R-L	37	41 ¹ / ₈	22	185
SW-2-50R-L	43	46 ¹ / ₄	22	195
SW-2-65-L	57	59 ¹ / ₄	22	225
SW-2-80-L	71	59	24	250
SW-2-120-L	110	62 ¹ / ₂	28 ¹ / ₄	370

Commercial PowerStor Single Wall Indirect Models

Model Number	Capacity (Gal.)	Height In.	Diameter In.	Approx. Shipping Weight (lbs)
SW-65C-5	54	59 ¹ / ₄	22	273
SW-80C-5	67	59	24	300
SW-120C-5	107	62 ¹ / ₂	28 ¹ / ₄	422

Bradford White Indirect Water Heaters are independently performance certified by the Air Conditioning, Heating and Refrigeration Institute

AHRI Certified Water Heater Ratings

Model Number	First Hour Delivery @ 135°F (Gal.)	Continuous Draw Rating @ 135°F (Gal./Hr.)	Standby Heat Loss Rating (°F/Hr.)	Minimum Output Rate of Heat Source (BTU/Hr.)	Minimum Heat Source Flow Rate (Gal./Min.)
SW-2-30-L	197	180	1.2	120,000	13.7
SW-2-40R-L	205	180	1.1	120,000	13.7
SW-2-50R-L	210	180	0.9	120,000	13.7
SW-2-65-L	215	175	0.7	115,000	13.7
SW-2-80-L	235	175	0.6	115,000	13.7
SW-2-120-L	265	175	0.4	115,000	13.7

These certified ratings were obtained with a heat source output rate and flow rate as specified and a 180°F boiler water supply temperature. Other results will be obtained under different conditions.

AHRI Certified Water Heater Ratings

Model Number	First Hour Delivery @ 135°F (Gal.)	Continuous Draw Rating @ 135°F (Gal./Hr.)	Standby Heat Loss Rating (°F/Hr.)	Minimum Output Rate of Heat Source (BTU/Hr.)	Minimum Heat Source Flow Rate (Gal./Min.)
SW-65C-5	370	335	0.7	225,000	14.0
SW-80C-5	380	335	0.6	225,000	14.0
SW-120C-5	400	325	0.4	220,000	14.0

These certified ratings were obtained with a heat source output rate and flow rate as specified and a 180°F boiler water supply temperature. Other results will be obtained under different conditions.

DOE Water Heater Performance

Model Number	Maximum First Hour Rating (Gal.) @		Continuous Draw Rating (Gal./Min.) @		Approximate Boiler Output Needed for Ratings (BTU/Hr.)
	140°F	115°F	140°F	115°F	
SW-2-30-L	226	342	3.3	5.2	180,000
SW-2-40R-L	235	351	3.3	5.2	180,000
SW-2-50R-L	244	360	3.3	5.2	180,000
SW-2-65-L	258	374	3.3	5.2	180,000
SW-2-80-L	272	388	3.3	5.2	180,000
SW-2-120-L	309	425	3.3	5.2	180,000

Based on 200°F boiler water temperature and 50°F potable water inlet.

DOE Water Heater Performance

Model Number	Maximum First Hour Rating (Gal.) @		Continuous Draw Rating (Gal./Min.) @		Approximate Boiler Output Needed for Ratings (BTU/Hr.)
	140°F	115°F	140°F	115°F	
SW-65C-5	396	582	5.7	8.8	300,000
SW-80C-5	408	594	5.7	8.8	300,000
SW-120C-5	445	631	5.7	8.8	300,000

Based on 200°F boiler water temperature and 50°F potable water inlet.

PowerStor2™ Series Double Wall models are also available from Bradford White. PowerStor2™ Series Indirects are your solution when the application requires a double wall heat exchanger.



Need to compare a competitive model?
Use the RightSpec® Cross Reference tool at
www.bradfordwhite.com/rightspec



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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Products made by Bradford White are manufactured in the United States using the finest raw materials and components from around the world.
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