

## PowerStor Series<sup>®</sup> SS Stainless Steel Single-Wall Indirect Water Heater



RTV-75D-L

RTV-40-L

The PowerStor Series<sup>®</sup> SS Models Feature:

- **Stainless Steel Heat Exchanger**—Single-wall 1" O.D. stainless steel coil. Maximum supply temperature from the boiler must not exceed 250°F.
- **Stainless Steel Tank and Heat Exchanger**—Made from chromium molybdenum - titanium ferritic 444 stainless steel alloy. Dual stainless steel heat exchanger is utilized on RTV-75D-L model.
- **Immersed Adjustable Honeywell Aquastat**—Fast acting immersion aquastat for automatic temperature control (adjustable from 80°F to 160°F).
- **Supply and Return Connections**—3/4" NPT female connections are located on the front for both the boiler supply and boiler return (1" NPT on RTV-119).
- **2" Non-CFC Foam Insulation**—Covers the side 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**—3/4" NPT factory installed dielectric fittings extend water heater life and eases installation (1 1/4" NPT on RTV-119).

- **T&P Relief Valve**—Included.
- **Steel Jacket.**
- **Brass Drain/Return Valve.**
- **I=B=R Certified**—These water heaters are rated by the Institute of Boiler and Radiation Manufacturers (I=B=R) to provide accurate performance data within the standards of the certification. The I=B=R rating is issued by the Hydronics Institute Division of GAMA and provide a recognized standard for proper comparison of hydronic appliances

**Limited Lifetime Tank and Heat Exchanger Warranties / 6-Year Limited Warranty on Component Parts.  
5-Year Limited Tank Warranties on Commercial Models/1-Year Limited Warranty of 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.



# PowerStor Series® SS Energy Saver Stainless Steel Indirect Water Heater

## PowerStor Series® SS Energy Saver Models

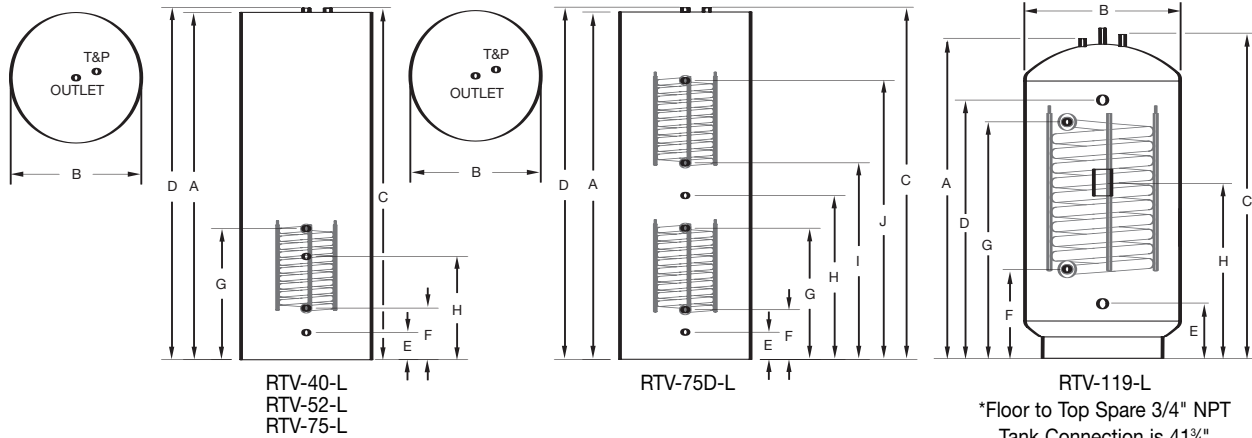
Model Number	Capacity		A Floor to Heater Top	B Jacket Dia.	C Floor to T&P Conn.	D Floor to Hot Water Conn.	E Floor to Cold Water Conn.	F Floor to Exchanger Outlet	G Floor to Exchanger Inlet	H Floor to Aquastat	I Floor to Upper Exchanger Outlet In.	J Floor to Upper Exchanger Inlet In.	Approx. Shipping Weight
	U.S. Gal.	Imp. Gal.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	lbs.
RTV-40-L	40	33	35 <sup>1</sup> / <sub>4</sub>	24	35 <sup>1</sup> / <sub>2</sub>	35 <sup>1</sup> / <sub>2</sub>	5	9 <sup>1</sup> / <sub>2</sub>	24 <sup>5</sup> / <sub>8</sub>	19	—	—	83
RTV-52-L	52	43	45 <sup>5</sup> / <sub>8</sub>	24	45 <sup>7</sup> / <sub>8</sub>	45 <sup>7</sup> / <sub>8</sub>	5	9 <sup>1</sup> / <sub>2</sub>	28 <sup>3</sup> / <sub>8</sub>	19	—	—	93
RTV-75-L	75	63	63 <sup>7</sup> / <sub>8</sub>	24	64 <sup>1</sup> / <sub>8</sub>	64 <sup>1</sup> / <sub>8</sub>	5	9 <sup>1</sup> / <sub>2</sub>	28 <sup>1</sup> / <sub>4</sub>	19	—	—	117
RTV-75D-L	75	63	63 <sup>7</sup> / <sub>8</sub>	24	64 <sup>1</sup> / <sub>8</sub>	64 <sup>1</sup> / <sub>8</sub>	5	9 <sup>1</sup> / <sub>8</sub>	24 <sup>1</sup> / <sub>8</sub>	30 <sup>1</sup> / <sub>8</sub>	36 <sup>1</sup> / <sub>8</sub>	51 <sup>1</sup> / <sub>4</sub>	130
RTV-119-L	119	100	62	31	60	48 <sup>1</sup> / <sub>2</sub>	10 <sup>1</sup> / <sub>4</sub>	16 <sup>1</sup> / <sub>4</sub>	44 <sup>3</sup> / <sub>8</sub>	36	—	—	315

Model Number	Capacity		A Floor to Heater Top	B Jacket Dia.	C Floor to T&P Conn.	D Floor to Hot Water Conn.	E Floor to Cold Water Conn.	F Floor to Exchanger Outlet	G Floor to Exchanger Inlet	H Floor to Aquastat	I Floor to Upper Exchanger Outlet Inlet mm.	J Floor to Upper Exchanger Inlet mm.	Approx. Shipping Weight
	Liters		mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	kg.
RTV-40-L	151		894	609	897	897	127	238	614	482	—	—	38
RTV-52-L	197		1153	609	1163	1163	127	238	724	482	—	—	42
RTV-75-L	284		1610	609	1628	1628	127	238	724	482	—	—	53
RTV-75D-L	284		1610	609	1628	1628	127	238	624	762	924	1298	59
RTV-119-L	450		1574	787	1524	1229	279	410	1127	914	—	—	142

### I=B=R Water Heater Ratings

Model Number	First Hour Delivery Rating	Continuous Draw @135°F	Standby Heat Loss Rating	Minimum Heat Required Rate	Minimum Heat Source Flow Rate
	Gal./Hr.	Gal./Hr.	°F/Hr.	BTU/Hr.	Gal./Min.
RTV-40-L	158	133	0.9	88,000	8.0
RTV-52-L	200	165	0.7	113,000	8.0
RTV-75-L	225	165	0.5	113,000	8.0
RTV-75D-L	270	215	0.5	150,000	14.5
RTV-119-L	360	280	0.6	195,000	11.0

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



\*Floor to Top Spare 3/4" NPT Tank Connection is 41 1/2"  
Floor to Bottom Spare 3/4" NPT Tank Connection is 17"

### General

All units are certified at 300 PSI (2068 kPa) test pressure and 150 PSI working pressure (1034 kPa). All potable water connections are 3/4" (19mm) NPT (1 1/4" (32mm) NPT on RTV-119).

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



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

International: Telephone 215-641-9400 • Telefax 215-641-9750 / www.bradfordwhite.com

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