



WST Domestic Hot Water Indirect Storage Tanks

Our newest single coil, indirect DHW storage tanks with capacities of 50, 80 and 119 gallons



BOSCH
Invented for life



WST, the new line of indirect domestic hot water storage tanks, are available in 3 models with capacities ranging from 50 to 119 gallons. Developed specifically for the North American market, the WST tanks were designed for easy integration with Bosch or Buderus solar, tankless, geothermal and boiler products.

- ▶ Insulated tank design for low heat loss.
- ▶ Electrically isolated heating element ensures durability while providing high recovery rates.
- ▶ Magnesium anode rod equalizes aggressive water corrosion for prolonged tank life*.
- ▶ Mounting brackets pre-installed for solar pump station installation.
- ▶ Warranty: limited lifetime tank and parts**.

WST Domestic Hot Water Indirect Storage Tanks

Part Numbers & Pricing

Model	WST50 EL	WST80 EL	WST119 EL
Part Number	8718541965	8718541966	8718541967
Description	50 Gallon (188 L) Single Coil Indirect with 4.5 kW Heating Element	80 Gallon (300 L) Single Coil Indirect with 4.5 kW Heating Element	119 Gallon (450 L) Single Coil Indirect with 4.5 kW Heating Element
List Price	\$1,645	\$1,827	\$2,100

Solar Coil Data (Type Enameled Steel)

Maximum Pressure= 116 psi / 8 bar

Maximum Temperature= 275°F / 135°C

Solar Tank Data

Maximum Pressure= 150 psi / 10.34 bar

Maximum Temperature= 203°F / 95°C

Solar Coil (Heat Exchanger) Pressure Drop - Ft/H₂O - (4.5 gpm) / mbar (17 l/min)

Flow Rate	Head Loss (Feet)		
	WST 50 / 50 Gallon (188 L)	WST 80 / 80 Gallon (300 L)	WST 119 / 119 Gallon (450 L)
1 gpm	0.5 (15 L)	0.67 (20 L)	0.7 (20 L)



Technical Specifications			Roughing in Dimensions			Energy Information	
WST Models	Tank Capacity (L)	Coil Capacity (L)	Height *** (mm)	Diameter (mm)	Approx. Shipping Weight (kg)	First Hour Rating (L)	Standby Heat Loss (°C/h)
WST 50	50 gals (188)	1.6 gals (6)	45.2" (1147)	23.6" (600)	234 lbs (106)	45 gals (170)	0.7 °F/h (0.39)
WST 80	80 gals (300)	2.2 gals (8.5)	50.6" (1285)	27.6" (700)	320 lbs (145)	57 gals (216)	0.6 °F/h (0.32)
WST 119	119 gals (450)	2.2 gals (8.5)	61.9" (1572)	29.5" (750)	428 lbs (194)	74 gals (280)	0.5 °F/h (0.27)

*** Height without storage tank feet.

Heater furnished with standard 240 volt AC, single phase non-simultaneous wiring and 4500 watt element. To prevent corrosion, proper pH levels in heat transfer fluid must be maintained. WST models meet all current state requirements for storage tanks.

Features & Benefits

- ▶ All connections are clearly labeled with fittings located at front of tank for convenient installation.
- ▶ Top domestic water connections spaced 8" apart for simplified retrofit.
- ▶ Ceramic tank lining resists corrosion & prolongs tank life.
- ▶ Internal heat exchanger with large surface area for greater heat transfer.
- ▶ Recirculation return connection.

* Anode rod maintenance required. See owners manual for further information.

** Limited warranty. Copies of original warranties in their entirety are available upon request. Please contact your area representative.

Bosch Thermotechnology Corp.

Terms and Conditions of Sale

Portions of Bosch Thermotechnology Corp. Terms and Conditions of Sale can be found below. Please refer to our website: www.boschthermotechnology.com for complete Terms and Conditions of Sale.

1. General

1.1 Your purchase order(s), when accepted, will be subject to the Terms and Conditions of Sale found on www.boschthermotechnology.com. The terms and conditions referenced on www.boschthermotechnology.com constitute the entire agreement between you ("Buyer") and Bosch Thermotechnology Corp. ("BTC") with respect to the transaction(s) covered by your purchase order(s) as confirmed by BTC.

1.2 No modification or waiver of any of the terms and conditions found www.boschthermotechnology.com and no additional or different terms or conditions shall be effective unless (i) modified by BTC's quotation or sales modified by BTC's quotation or sales acknowledgement, or (ii) agreed to in a single writing signed by both parties. No oral agreement, course of performance or other means other than such written agreement signed by both parties expressly providing for such waiver shall be deemed to waive the terms of this document.

2. Prices and Taxes

2.1 All prices are based upon BTC's pricing in effect on the date of the quotation, unless otherwise indicated on the face of the quotation. The delivery date will be established on the order acknowledgement form prepared and sent by BTC. BTC reserves the right to adjust the prices due to increases in material, labor, manufacturing or shipping costs if the increases occur before the delivery date. If the amount of the cost increases exceeds ten (10) percent, BTC has the right to cancel the contract on four (4) weeks notice in writing, and the delivery will not be made unless a new price agreement is reached.

2.2 The Prices do not include any applicable Federal, State or local sales, use, excise, value-added or similar-type tax or assessments applicable to the price, sale, use or delivery of the Goods ordered by Buyer.

Such taxes and assessments will be included in BTC's invoice and paid by Buyer unless Buyer's purchase order plainly states on its face the existence of an exemption from any such tax or assessment and Buyer provides BTC with evidence of such exemption from the applicable taxing authority.

5. Warranty Policy*

5.1 Unless a different limited written warranty is provided by BTC with the Goods, the terms and conditions of the warranty for the Goods shall be subject to the following limited written warranty. BTC warrants all Goods manufactured by it to be free from defects in material and workmanship for one year from the following:

5.1.1 The date of installation if a warranty card has been received by BTC that sets forth the correct date of installation;

5.1.2 The date of purchase if the date can be established by an invoice; or

5.1.3 The date of manufacture if the information required in 5.1.1 or

5.1.2 is not available.

Buyer's sole and exclusive remedy under this warranty shall be limited to either the repair or exchange of warranted products, at BTC's option FCA BTC's factory. No attempt to repair or improve the Goods or parts by any of BTC's representatives shall change or extend this warranty.

5.2 Limitations on Warranty

The foregoing warranty is expressly in lieu of any other warranties, expressed or implied, including but not limited to the implied warranties of merchantability or fitness for a particular purpose.

The above warranty does not apply to specialty items or modifications to Goods, which as detailed in section 12.2 of Terms and Conditions of Sale found on www.boschthermotechnology.com, are purchased "AS IS".

*Full details of the BTC Warranty are included in BTC's Terms and Conditions of Sales which can be found on our website, www.boschthermotechnology.com.

Bosch Thermotechnology Corp.

Londonderry, NH • Ft. Lauderdale, FL • Irvine, CA

General Inquiries: 1-866-642-3198

Technical Support: 1-800-283-3787

Consumer: **www.bosch-climate.us**

Trade: **www.BoschWaytoGrow.com**

77799317 (01/12)

Copyright © 2012 Bosch Thermotechnology Corp. All rights reserved

