



BOSCH

Invented for life

Clean, Pure, Reliable Hot Water

Indirect Fired Domestic Hot Water Tanks

Our water tanks are a reliable and simple way to store hot water. From small residences to large commercial operations, there is a Bosch Buderus domestic hot water tank that is just right for your application.

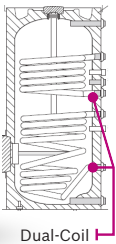




A Reliable & Simple Way to Store Hot Water!

Bosch Domestic Hot Water Tanks

Bosch domestic hot water tanks offer features that provide ease of installation, simple maintenance and reliable operation. All Thermoglaze models are equipped with a magnesium anode rod for protection against corrosion, a drain for easy maintenance, and have adjustable screw-on feet for leveling plus easy-access covers aid in cleaning and maintaining the coil and tank interior.



SM Series

Thermoglaze Dual-Coil Tanks

SM tanks are designed for solar and high performance applications.



LT Series

Thermoglaze Single-Coil Tanks

Short on space? The LT horizontal tanks are designed to fit under Buderus boilers for a smaller footprint.



S & SU Series

Thermoglaze Single-Coil Tanks

Our single coil indirect DHW storage tanks offer easy installation and simple maintenance to provide excellent value at a competitive price.



SST Series

Stainless Steel Single-Coil Tanks

The SST tanks have a welded and passivated 316L stainless steel interior and a 316L stainless steel single coil heat exchanger. This provides durability and resistance to corrosion.

SINGLE COIL INDIRECT TANKS	VERTICAL SINGLE COIL MODELS				HORIZONTAL SINGLE COIL MODELS		
	S32 (White)	SU54 (White)	SU80 (White)	SU100 (White)	LT160 (Blue)	LT200 (Blue)	LT300 (Blue)
PART NO.	7738003203	8718543070	8718541924	8718542949	8718573520	8718573519	8718573522
Tank Capacity, Potable Volume, gal	30.0	51.3	77.4	98.4	42.6	52.5	76.0
Standby Heat Loss, °F/h	1.0	0.6	0.5	0.4	0.6		0.5
Diameter, in.	21¾		26⅜		25¾		
Height, in.	38⅝	60¼	58⅞	72¼	25¾	25¾	25¾
Length, in.	—				36¼	42¼	57¾
Connection Heat Exchanger Coil, in.	¾	1					
Connection DHW outlet, in.	¾	1					
Connection Cold Water Inlet, in.	¾	1			1¼		
Connection Recirculation, in.	¾						
Approx. Dry Weight, lbs.	160	170	231.5	282	220	247	364
Max. DHW Temperature, °F	203						
Max. DHW Operating Pressure, psi	150						
Max. Heat Exchanger Coil Water Temperature, °F	230	230	230	230	212	212	212
Max. Heat Exchanger Coil Pressure, psi	232						
PERFORMANCE DATA							
First Hour Rating, gph	165	180	264	312	163	176	276
Continuous Rating, gph (continuous draw)	137	130	189	218	122	128	208
Heat Input to Tank, mbh (min heat source output)	87	84	119	143	76	82	126
Boiler Water Flow Rate, gpm (min heat source flow)	8.0	11.4	11.4	14.0	14.0	14.0	14.0
Coil Pressure Drop, ft of head (heat friction loss)	1.9	2.4	2.7	3.8	2.4	2.8	3.2

VERTICAL DUAL COIL INDIRECT TANKS	SM80 (White)				SM100 (White)			
PART NO.	8718541313				8718541322			
Tank Capacity, gal	75.4				96.9			
Diameter, in.					26 ³ / ₈			
Height, in.	58 ⁷ / ₈				72 ¹ / ₄			
Connection Heat Exchanger Coil, in.					1			
Connection DHW outlet, in.					1			
Connection Cold Water Inlet, in.					1			
Connection Recirculation, in.					¾			
Approx. Dry Weight, lbs.	260				298			
Max. DHW Temperature, °F					203			
Max. DHW Operating Pressure, psi					150			
Standby Heat Loss, °F/h	0.6				0.5			
Max. Heat Exchanger Coil Water Temperature, °F					230			
Max. Heat Exchanger Coil Pressure, psi					232			
PERFORMANCE DATA	LOWER COIL	UPPER COIL	DUAL COIL	DUAL COIL, PARALLEL	LOWER COIL	UPPER COIL	DUAL COIL	DUAL COIL, PARALLEL
Heat Input to Tank, MBH	112.4	78.2	178.8	156.7	169.1	87.9	235.4	202.9
Continuous Rating: (gph)	185	135	298	278	265	153	376	344
First Hour Rating: (gph)	257	135	363	345	356	153	462	434
Boiler Water Flow Rate, gpm	11.4	11.4	11.4	11.4	14.0	14.0	14.0	14.0
Coil Pressure Drop: ft of Head:	2.5	1.8	3.2	1.4	5.8	3.5	10.2	2.1

STAINLESS STEEL INDIRECT TANKS	SST150-40 (Blue)	SST250-65 (Blue)	SST300-80 (Blue)	SST450-119 (Blue)
PART NO.	7738001642	7738001643	7738001644	7738001645
Tank Capacity, gal	40	67	81.5	113.4
Diameter, in.	20	24	24	28
Height, in.	56	60	70	69
Connection Heat Exchanger Coil, in.	1			
Connection DHW outlet, in.	1	1.5		
Connection Cold Water Inlet, in.	1	1.5		
Approx. Dry Weight, lbs.	105	147	177	213
Max. DHW Temperature, °F	194			
Max. DHW Operating Pressure, psi	150			
Standby Heat Loss, °F/h*	0.9	0.7	0.6	0.5
PERFORMANCE DATA				
Heat Input to Tank, mph	115	154	160	199
Continuous Rating: (gph)	181	263	266	322
First Hour Rating: (gph)	208	327	347	431
Boiler Water Flow Rate, gpm	14	14	14	14
Coil Pressure Drop: ft of Head	4.5	5.7	5.7	6.5

1. All AHRI Certified Ratings are in Purple Boldface Type

2. SM80 & SM100 are UPC, USEC and Low-Lead Certified by IAPMO R & T

3. S32, SU54, SU80, SU100, LT160, LT200, LT300 have UPC and Low-Lead Certification by IAPMO Research & Testing

4. Ratings in BLACK are outside the scope of AHRI-IWH Certification Program



About Bosch

Bosch Group

The Bosch Group is a leading global supplier of technology and services in the areas of Automotive, Industrial Technology, Consumer Goods and Building Technology. The company was founded in Stuttgart, Germany, in 1886 and presently has more than 440 subsidiaries and is represented in over 150 countries.

In the U.S., Canada and Mexico, the Bosch Group manufactures and markets automotive original equipment and aftermarket solutions, industrial drives and control technology, power tools, security and communication systems, packaging technology, thermotechnology, household appliances and software solutions. The Bosch Group's products and services are designed to improving quality of life by providing innovative and beneficial solutions. In this way, the company offers technology worldwide that is "Invented for life." Additional information is available online at boschheatingandcooling.com and bosch.ca.

Bosch Thermotechnology in North America

Bosch Thermotechnology is a leading source of high quality water heating and comfort systems. The company offers gas tankless, electric whole house and point-of-use water heaters, Bosch and Buderus floor-standing and wall mounted boilers, Bosch and FHP geothermal, water-source and air-source systems as well as controls and accessories for all product lines. Bosch Thermotechnology is committed to being Simply Smart by offering products that work together as integrated systems that enhance quality of life in an ultra-efficient and environmentally friendly manner. For more information, visit boschheatingandcooling.com.



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