

[Air]

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Domestic Hot Water Indirect Tanks



SST Stainless Steel Models

- 4 Models
40, 65, 80, 119 Gallons
- 316L Passivated
Stainless Steel Tank
- 304L High Capacity
Stainless Steel Coil
- Fully Welded Construction
- Limited Lifetime Warranty

316L Stainless Steel material is used for the tank interior for superior durability and long life. The rust prohibitive characteristics of this material make it the perfect material to resist the corrosive tendencies of domestic water.

High Density CFC/HCFC Free Polyurethane Foam
Two inches of R-13.4 High Density Polyurethane foam yields the lowest standby losses in the industry.



State of the art six axis programmable robotic welder uses computer guidance to accurately weld all of the stainless steel fittings and coil to the stainless steel tank.

Comfortable. Efficient. Intelligent Heating.

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Bosch Group

Stainless Steel DHW Indirect Tanks

SST Series

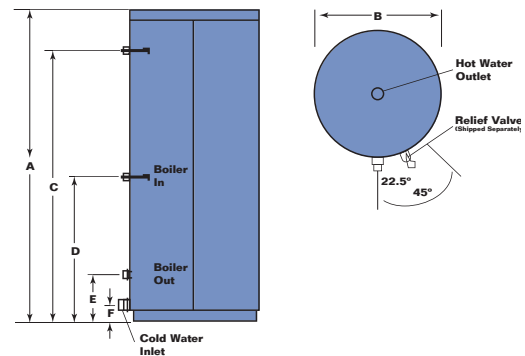
The new SST stainless steel indirect hot water heaters feature important enhancements such as a welded and passivated stainless steel tank and heat exchanger, and a two-inch thick, high-density insulating foam with a tested R Value of 13.4.

Stainless Steel Indirect Hot Water Tanks

Model	Design	Storage Capacity	Continuous Rating†	Part No.
SST150-40	Vertical	40 Gallons	181 GPH	SST150
SST250-65	Vertical	67 Gallons	263 GPH	SST250
SST300-80	Vertical	82 Gallons	285 GPH	SST300
SST450	Vertical	113 Gallons	349 GPH	SST450

Note: Available October 2010
 † at 90°F rise and 180°F boiler temperature.

Stainless Steel Models	SST150	SST250	SST300	SST450
Performance Data				
Continuous Rating (2nd Hr.) BTU/Hr.*	115,000	154,000	171,000	216,000
Continuous Delivery* GPH (GPM)	180 (3.3)	264 (4.4)	288 (4.8)	348 (5.8)
Coil Pressure Drop (Feet of Head)	4.5	5.7	6.1	6.5
Physical Dimensions				
Height (A)	56"	60"	70"	69"
Width (B)	20"	24"	24"	28"
Relief valve: 3/4" NPT (C)	48 1/2"	52 1/4"	61 3/4"	60 1/4"
Boiler In: 1" NPT (D)	48 1/2"	52 1/4"	61 3/4"	60 1/4"
Boiler Out: 1" NPT (E)	25 1/4"	28"	28"	31 3/4"
Cold Water Inlet (F)	8 1/4"	9 1/4"	9 1/4"	9 1/4"
Shipping Weight (lbs.)	105	147	177	213
Weight Full of Water (lbs.)	515	820	921	1,268



* These ratings were obtained with a heat source output as listed in the chart and a Domestic Cold Water Inlet at 58°F, Domestic Temperature Rise of 77°F, a Boiler Temperature Output of 180°F, and a flow rate of 14 gpm. Other results will be obtained under different conditions.

Approvals and Certifications



MA. Board Approval #
P1-1010-109

304L Stainless Steel heating coil efficiently transfers high volumes of BTU's from the heat source to the domestic water stored in the tank. The SST tanks first hour delivery in among the industry's best.



A Tradition of Excellence



The World's leader in hydronic heating technologies since 1825, Buderus produced the world's first low-temperature hydronic heating systems. Today, Buderus products are acknowledged as the world standard in high-efficiency, low emissions hydronic heating. All Buderus products are designed to meet strict safety and environmental regulations.

Buderus boilers are quick and easy to install and will outlast and outperform virtually any other commercial hot water heating system. They are designed for easy access and service. With appropriate maintenance, Buderus boilers deliver the highest possible efficiencies throughout the lifespan of operation.