

SST Series

Stainless Steel DHW Indirect Tanks



BOSCH

Invented for life



A tank for areas with corrosive water.

The SST domestic hot water indirect tanks have a stainless steel interior to provide superior resistance to the corrosive tendencies of domestic water.

The tanks feature a high capacity stainless steel coil that efficiently transfers BTU's from the heat source to domestic water stored in the tank, making 1st hour delivery among the industry's best. Two-inch thick, high-density insulating foam with a tested R value of 13.4. surround the tank for low stand by losses. The SST series offer tank capacities 40, 65, 80 and 113 gallons to suit all your hot water needs.



Features

- ▶ 316L passivated stainless steel tank interior provides superior durability and longevity
- ▶ Efficient transfer from the heat source to stored domestic water provide a 1st hour delivery among the industry's best
- ▶ High density CFC/HCFC free polyurethane foam insulation yields the lowest stand-by losses in the industry
- ▶ Manufactured using a State-of-the-art six axis programmable robotic welder to accurately weld all stainless steel fittings and coil to the tank
- ▶ Warranty: limited lifetime tank & parts[§]

§ Copies of original warranties in their entirety are available at www.bosch-climate.us

SST Series

Stainless Steel DHW Indirect Tanks

Technical Specifications	SST150	SST250	SST300	SST450
Part Number	7738001642	7738001643	7738001644	7738001645
Description	Indirect stainless steel DHW tank, 40 gal. (151.4 L)	Indirect stainless steel DHW tank, 67 gal. (253.6 L)	Indirect stainless steel DHW tank, 82 gal. (310.4 L)	Indirect stainless steel DHW tank, 113 gal. (427.75 L)
Design	Vertical	Vertical	Vertical	Vertical
Tank Capacity (L)	40 gal (151.4)	67 gal (253.6)	82 gal (310.4)	113 gal (427.75)
Continuous Rating (at 90°F Rise and 180°F Boiler Temperature)	181 GPH	263 GPH	285 GPH	349 GPH
Continuous Rating BTU/Hr.* (2nd Hr.)	115,000	154,000	171,000	216,000
Continuous Delivery* (GPM)	180 GPH (3.3)	264 GPH (4.4)	288 GPH (4.8)	348 GPH (5.8)
Coil Pressure Drop (Feet of Head)	4.5	5.7	6.1	6.5
Height (A)	56" (1,320.8 mm)	60" (1,524 mm)	70" (1,778 mm)	69" (1,752.6 mm)
Width (B)	20" (508 mm)	24" (609.6 mm)	24" (609.6 mm)	28" (711.2 mm)
Relief Valve: ¾" NPT (C)	48.5" (1,231.9 mm)	52.25" (1,327.15 mm)	61.75" (1,568.45 mm)	60.25" (1,530.35 mm)
Boiler In: 1" NPT (D)	48.5" (1,231.9 mm)	52.25" (1,327.15 mm)	61.75" (1,568.45 mm)	60.25" (1,530.35 mm)
Boiler Out: 1" NPT (E)	25" (635 mm)	28" (711.2 mm)	28" (711.2 mm)	31.75" (106.45 mm)
Cold Water Inlet (F)	8.25" (209.55 mm)	9.25" (234.95 mm)	9.25" (234.95 mm)	9.25" (234.95 mm)
Shipping Weight	105 lbs (47.63 kg)	147 lbs (66.68 kg)	177 lbs (80.28 kg)	213 lbs (96.61 kg)
Weight Full of Water	515 lbs (233.60 kg)	820 lbs (371.95 kg)	921 lbs (417.76 kg)	1,268 lbs (575.15 kg)

*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 at 77°F, a Boiler Temperature Output of 180°F, and a flow rate of 15 gpm. Other results will be obtained under different conditions.

