

# 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<sup>§</sup>

§ Copies of original warranties in their entirety are available at [www.bosch-climate.us](http://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.

