
MZ Boiler

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### BS Series Stainless Indirect DHW Storage Tanks

The BS Series of domestic hot-water storage tanks are among the world's finest. Since the tank does not actually heat the water (the boiler does), the actual efficiency will be dependent upon the efficiency of the boiler. When the boiler used is our MZ or FCX that efficiency should be in the 90% plus range. Traditional vented domestic hot water heaters are rated at only 50% to 60%.

They are so well insulated that the stand by heat loss is 1/2 ° in 2 hours. The BS tanks are designed for installation with both the MZ gas and FCX oil fired units. They are virtually immune to scale and lime buildup. The pleasing design and exceptional finish make them at home in world-class applications of all types.

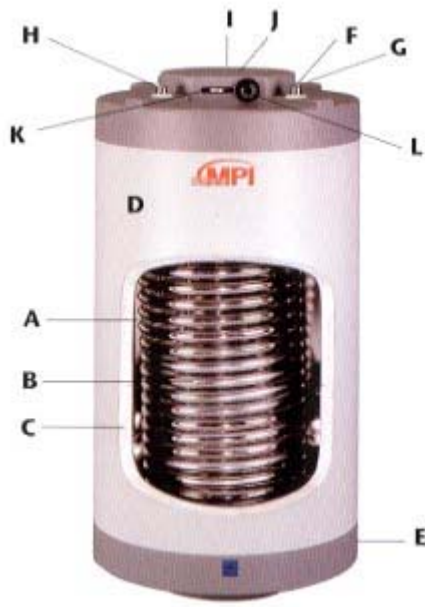


#### Technical Specifications

Models		BS 25	BS 40	BS 50	BS 80
Nominal Storage	Gal.	25	40	50	80
Height	IN.	27.5"	36.4"	45.3"	63"
Diameter	IN.	23.6"	23.6"	23.6"	23.6"
All Pipe Connections	MPT	3/4"	3/4"	3/4"	3/4"
Max DHW Pressure	PSI	100	100	100	100
Aquastat Range	F	68-176°F	68-176°F	68-176°F	68-176°F
Aquastat Differential	F	10.8°F	10.8°F	10.8°F	10.8°F
Inspection Port Opening	IN.	3.9"	3.9"	3.9"	3.9"
Nominal Exchanger Power (170°F Av. Boiler Water Temp)	MBH	115	115	200	210
Nominal Reheat Time from 50°F to 140°F Stored	MIN.	10	15	12	17
Continuous Output at 110°F	GPM	3.8	3.8	6.5	6.7
Nominal First Hour Draw at 70°F Rise	GAL.	250	260	430	460
Dry Weight	LBS.	71	86	121	150

Ratings assume cold-water inlet at 50°F, boiler circuit average temp of 170°F and boiler output at least equal to the nominal heat exchanger power shown above.

A. 316 L austenitic stainless steel tank.



- B.** 316 L austenitic stainless steel tank.
- C.** Molded, rigid removable insulation.
- D.** Removable ABS plastic casing.
- E.** DHW cold inlet.
- F.** DHW hot outlet.
- G.** Boiler circuit inlet.
- H.** Boiler circuit outlet.
- I.** Pressure-temperature relief tap and/or DHW recycling circuit tap.
- J.** Inspection opening.
- K.** Thermometer.
- L.** Aquastat.

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