



Outer Appearance



Side Section View



Top Section View

Volume : 100 L – 3000 L  
Capacity : 5 kW – 237 kW

Design is in accordance with TS 736 and EN 13445 / Test Pressure is in accordance with EN 12897,  
Body Design Pressure : Max. 10 Bar  
Body Test Pressure : 13 bar  
Serpentine Design Pressure : Max. 18 bar  
Serpentine Test Pressure : 24 bar  
Maximum Operating Temperature : 95 °C

Tank inner surface is enamelled (glass-lined) in accordance with DIN 4753-3 standard. German origin enamel material is certified and complies with all current standards in terms of hygiene. Inspection and clean-out access flange is present in all series. Insulation is in accordance with EN 15332 Energy Efficiency Standard,

100 L – 500 L : 42 kg/m<sup>3</sup> water based hard PU(HCFC-Free) foam  
800 L – 3000 L : 18 kg/m<sup>3</sup> soft PU / 26 kg/m<sup>3</sup> flame retardant soft PU  
800 L – 1000 L : Optionally 42kg/m<sup>3</sup> water based hard PU foam can be produced.

External Cover Coating:  
100 L – 500 L : Electrostatic Powder Painted Steel / Artificial Leather/ IXPE /ABS  
800 L – 3000 L : Artificial Leather / IXPE /ABS options are available.

Cathodic Protection Element : Magnesium anode in accordance with DIN 4753-3 standard (Electronic anode option)

One electric heater element can be installed in all KBS series products.  
Thermometer : 0-120 °C

