



SPECIFICATIONS FOR SIMONS MODEL SB PACKAGED AUTOMATIC ELECTRIC STEAM BOILER

- Supply one packaged type vertical automatic electric steam boiler with a capacity of not less than ___ kg/h of steam "from and at 100°C".
- The construction and installation of the boiler shall be in accordance with the SAA Code No. A.S. 1228 and amendments thereto.
- The boiler shall be of the automatic type not requiring an "Attendant" as defined by the Department of Labour and Industry of N.S.W.
- The boiler and fittings shall be suitable for a working pressure of 725 Kpa.
- The boiler shell shall be vertical and shall be of steel construction with welded end plates.
- The boiler shall be fitted with readily accessible sheathed type electric elements directly in contact with the water. The element assemblies shall be flanged and bolted to the shell of the boiler to facilitate removal.
- A pressurestat set at ___ Kpa shall be fitted to provide single step control of the elements.
- The boiler shall be fitted with probe water – level control system or a readily accessible type ball float switch with switching contacts for control of the feed water pump and low water level cut-out mounted external to the boiler shell. The water level sensing probe or the float switch assembly shall be flanged and bolted to the shell of the boiler to facilitate removal.
- An electrically driven feed water pump shall be mounted on the side of the boiler and shall be supplied as part of the packaged boiler assembly.
- The boiler shall be supplied completely factory wired with all necessary safety controls and controls for automatic operation. The boiler shall be provided with a boiler pressure gauge, low water safety cut-out, pressure safety valve, pressurestat, water level control, blow down cock, etc. and all other standard auxilliary fittings normally provided.
- The boiler shall be supplied completely factory insulated with not less than 25 mm thick fibreglass blanket with Sisalation 450 covering.
- The boiler assembly shall be enclosed in a neat rigid marviplate sheet steel case.

The boiler shall be of the type as manufactured by W. Simons & Sons (Aust.) Ply. Ltd., Model No. SB .