

Water Heating Apparatus

Abstract

Apparatus for water heating comprises a container (1) and an inner partition (6) wherein the inner partition allows a heating means to be configured in the form of coaxial coils wherein a first coil is disposed inside the inner partition and a second coil is encircled the exterior of the inner partition. The container (1) includes a drainage port (7) disposed at the bottom centre of the tank to allow water to be drained out. The inner partition is provided inside the container to improve heat exchanging process and thermal stratification between hot and cold water in the container.

Fig. 1