

Abstract

A distilled water production system (1) includes a main tank (2), a pressure reducer (3), a cooler (4) and a pool (5). Sea water or dirty water is contained in the main tank (2) as raw water for producing distilled water. The pressure reducer (3) brings an inside of the main tank (2) into a reduced pressure state. The cooler (4) is disposed in an upper part within the main tank (2) and cools water vapor produced by evaporation of the raw water occurring in the reduced pressure state. The pool (5) is disposed at a position below the cooler (4) within the main tank (2) and contains the distilled water obtained by cooling and condensation of the water vapor by the cooler (4). According to the distilled water production system (1), the running cost and construction and equipment costs can be suppressed to be low.