

Indian Standard IS 17681 : 2022 - Bottled water dispensers

A water dispenser is commonly known as bottled water dispenser. The machine is capable of cooling and/or heating stored water, and dispensing it.

While choosing a water dispenser, one may look for a dispenser which is sturdy, offers leak proof performance and is energy efficient.

Indian Standard IS 17681 : 2022 'Bottled water dispensers', developed by the Bureau of Indian Standards (BIS), lays down safety and performance requirements of bottled water dispensers based on a vapor compression refrigeration system for dispensing cold and hot water, as well as water at room temperature.

The standard is applicable for rated voltage not exceeding 240 V a.c., 50 Hz for a single-phase and the rated cooling capacity up to and including 8 l/h and heating capacity up to and including 5 l/h, and can have one or more combinations for dispensing cold water, hot water, and water at room temperature. The standard covers Bottom load, Table-top and Freestanding water dispensers.

Conformity to this standard ensures that all safety and performance related aspects meet the consumer's expectations, such as optimum material employed, durable finish, effective insulation of water storage tank, proper sealing to check moisture penetration, proper hardware and electrical fittings, corrosion resistance of metal parts, proper cooling and/or heating capacity, etc.

So next time when you or your loved ones are purchasing a water dispenser, make sure to look for the BIS mark.