

Review Paper to Develop a Dual Media Filter using Pumice Stone

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Abstract: *Energy Consumption Water purifiers also consume energy, both in their production and operation. Systems that use processes such as reverse osmosis or ultraviolet filtering to cleanse water rely on electricity that often comes from coal-powered plants. This means that purifiers indirectly contribute to increased carbon emissions. You can't pick and choose what gets filtered. Depending on how you look at it, a whole house water filtration system may be everything you wanted, or too much of a good thing. Meaning, you can't pick and choose what water outlets are purified. Impurities in the water are divided in to colloidal matters such as suspended solids and dissolved solids. The presence of some dissolved solids is necessary for health but there regular consumption with high concentration leads to health problems. As per Indian standard the desirable and permissible limits of suspended solids are 1NTU and 5NTU respectively for dissolved solids is 500 mg/l.*

Keywords: Energy Consumption

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