water treatment plant price in Pakistan

Price	39999
External URL	http://www.ogo.com.pk/product-details/ogo-reverse-osmosis-5-stages-75-gpd-model-t-701/
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What Is OGO Reverse Osmosis Water Filter?

The reverse osmosis water filters are used for purifying drinking water. In the process of this system, the untreated water molecules are forced through a semi-permeable membrane, which blocks the impurities and contaminants. So they are subsequently expelled from the environment to produce clean drinking water. The Manual Reverse Osmosis System is the Best Water Filter for Home till Now !

Reverse osmosis systems can remove different types of molecules and ions from solutions. These water filters are widely used in both production of drinking water and for industrial purposes.

How Does Reverse Osmosis Work?

Reverse osmosis is a process also known as hyper filtration. It works by decreasing the particles to the molecular level, which creates clean water. Reverse osmosis filters lower the salt level as well as other water pollutants, producing high quality pure water.

Most of the reverse osmosis systems work the same way. However, their performance can be affected by different factors. They include the incoming water pressure, the quality of filters and membranes, water temperature and the

type and number of TDS (total dissolved solids).

The reverse osmosis system works by pushing the water coming from the tap through a membrane and filter. It can also be a series of them. The membrane allows only the water to pass, while the contaminants and impurities are left behind and flushed down the drain. The pure water is then delivered to a holding tank that you can access when you turn on the faucet.

Lets take a closer look at the steps a reverse osmosis system includes.

- **Stage 1**

The water passes through a high capacity polypropylene sediment filter. It's a 20-inch filter that removes all the larger particles up to 5 microns, including rust, dust and sediment. So it removes the particles that can affect the taste and color of the water or could potentially clog the system.

- **Stage 2**

For the second stage the OGO 200 GPD incorporates a granular activated 10-inch carbon filter. It also eliminates contaminants up to 5 microns. This is a pre-filter for the next stage. During the second stage the water gets rid of the unpleasant chlorine, foul taste and odor, colors and cloudiness.

- **Stage 3**

Next the water goes through a denser carbon block filter. It's also a 5 micron filter that further removes any residual CTO (chlorine, taste and odor). At this stage the filter also removes the difficult-to-remove chemicals, including chloramines. This is the stage that turns the water into something you can drink.

- **Stage 4**

In the 4th stage water is pressed through the heart of the RO system – the high rejection TFC membrane 200 GPD with tiny holes of .0001 micron. This is the same technology that is used by companies in the production of bottled water. This NSF certified semi-permeable membrane effectively removes TDS (total dissolved solids), lead, arsenic, sodium, cysts, giardia, chromium, and a long list of other contaminants.

- **Stage 5**

The final stage utilizes a finer GAC filter, which acts as a final polishing inline filter. As the water leaves the storage tank, this filter removes any left residual tastes and odors.

SUPPLIER

Ro Membrane Price In Karachi Pakistan

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