

# DIRECT FLOW WATER PURIFIER



## MODEL: TPWP-505

5 Stage Water Purifier in Bangladesh are common and economy Water Purifier. It can be used as Household Water Purifier but is the most mostly use in garments sector including restaurants, coffee shops, convenience stores, supermarket produce and food preparation operations, misting and humidification systems, and many other businesses that must have consistent average quality water for their daily operations.

### Features:

- 5 Stages Water Filtration Systems.
- 1.0 gallon per minute recommended flow
- Heavy duty steel with powder coating white bracket
- Feed water connector or self piercing saddle valve.
- Completely Assembled
- 100% Factory Tested and Sterilized Ready for Installation.
- Long reach ceramic goose faucet.
- Installation Accessories are included.
- Operation pressure: 15 -85 PSI.



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### Filtration Process:

#### **First Stage: Sediment Filter**

The Sediment filter cartridge is manufactured from pure 100% polypropylene fibers. The fibers have been carefully spun together to form a true gradient density from outer to inner surfaces. It is effective in removing dust, mud, rust and sand particles.

#### **Second Stage: Granular Activated Carbon Filter**

This granular activated carbon filter is composed of high-performance activated carbon that effectively reduces unwanted tastes, odor, organic contaminants, chlorine, pesticides and chemicals that contributed to taste and odor. It is designed to allow maximum contact between the water and carbon, ensuring maximum adsorption.

#### **Third Stage: Activated Block Carbon Filter**

This block carbon filter is composed of high-performance Coconut Shell carbon using a patented process and made entirely from FDA-compliant materials that highly effective at reducing 17 hazardous metals: such as lead, radon, mercury, insecticides, odor and chlorine: taste & odor, from potable drinking water. The unique structure of the carbon block enables it to reduce Giardia, Cryptosporidium, amoeba, and Toxoplasma cysts and fine sediment particles down to 0.5 microns. It is an ideal choice for a wide range of residential, food service, commercial and industrial applications.

#### **Fourth Stage: Inline Carbon Filter**

This carbon filter is composed of high-performance Coconut Shell carbon using a patented process and made entirely from FDA-compliant materials that highly effective at reducing 17 hazardous metals: such as lead, radon, mercury, insecticides, odor and chlorine: taste & odor, from potable drinking water. The unique structure of the carbon block enables it to reduce Giardia, Cryptosporidium, amoeba, and Toxoplasma cysts and fine sediment particles down to 0.5 microns. It is ideal choice for a wide range of residential, food service, commercial and industrial applications.

#### **Fifth Stage: Taste and odor Filter**

This granular activated carbon filter is composed of high-performance activated carbon that effectively reduces unwanted tastes, odor, organic contaminants, chlorine, pesticides and chemicals that contributed to taste and odor. It is designed to allow maximum contact between the water and carbon, ensuring maximum adsorption. We are using NSF approved post carbon to guarantee the taste of water.

