

## For Residential and Light Commercial Applications

Job Name \_\_\_\_\_

Contractor \_\_\_\_\_

Job Location \_\_\_\_\_

Approval \_\_\_\_\_

Engineer \_\_\_\_\_

Contractor's P.O. No. \_\_\_\_\_

Approval \_\_\_\_\_

Representative \_\_\_\_\_

# Model

# PWSYS-RO-STD4-50

## 4-Stage Reverse Osmosis (RO) System

This 4-Stage Reverse Osmosis System is a tried and true reverse osmosis system! The Watts Pure Water 4-Stage RO System begins with Stage 1, a 5-micron Sediment filter that traps particulate matter like dirt, rust, sand, silt and sediment that will affect the taste and appearance of your water. Stage 2 is a 5-micron Carbon Block filter that provides a reduction of chlorine, chloramine and other materials that cause bad taste and odors (these are called PRE-filters because they filter in front of the reverse osmosis membrane). Stage 3 is the heart of the reverse osmosis system, the RO Membrane. This semi-permeable membrane is 1/10,000 of a micron and will effectively reduce TDS (total dissolved solids), sodium and a wide range of contaminants such as Arsenic, Lead, Perchlorate, Chromium, Copper and Radium. It will also remove over 99.95% cysts such as Giardia and Cryptosporidium. Stage 4 is a high-quality GAC final filter (this is called a final filter because it filters after the membrane). The filtered RO water passes through the membrane and enters the storage tank. When you're ready for use, it will leave the storage tank and pass through this fourth stage on its way up to the faucet. The end result — Crystal clear, high quality, and great tasting water!

### Applications

Home, Office, Ice Maker Kits, Beverage Dispensers, and more.

### Features

- Multi-Stage water filtration
- Easy to Install

### Specifications

System tested and certified by NSF International against NSF/ANSI Standard 58 for the reduction of the claims specified on the performance data sheet.

EPA/ ETV Test verified performance for the physical removal of microbial contamination agents in drinking water



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## PURE WATER



PWSYS-RO-STD4-50

### Replacement Filter Packs

MODEL	FREQUENCY	DESCRIPTION
PWFIL-2PACK-STD-WG/ZW	6 Months	Includes sediment and carbon filter only
PWFIL-4PACK-STD-ZR04		Includes all filters and membrane
PWFIL-MEM-STD-50GPD	2 - 5 years	50 gpd membrane
PWFIL-GAC-IL-10	Annual	10" final in-line filter

**Note:** Water conditions may require more frequent cartridge replacement

**Note:** Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system. Systems certified for cyst reduction may be used on disinfected waters that may contain filterable cysts.

## System Specifications

Operating Temperatures: Maximum 100°F (37.8°C),  
Minimum 40°F (4.4°C)

Operating Pressure: Maximum 85psi (6.0 kg/cm<sup>2</sup>)  
Minimum 40psi (2.80 kg/cm<sup>2</sup>)

pH Parameters: Maximum 11, Minimum 2

Iron: Maximum 0.2 ppm

TDS (Total Dissolved Solids): < 1800 ppm

Turbidity: < 5NTU

Unit Dimensions: Approx. 16" W x 16" H x 6" D

Weight: 25 lbs.

## In the Box:

4-Stage Reverse Osmosis module (complete with filters)

Parts Bag (with a 6" final filter)

3-Gallon Storage tank

Faucet bag

Instructions (manual)

## Filters

1 - 5-Micron Sediment: Reduces Dirt, Sand and Rust.

1 - 5-Micron Carbon Block: Reduces Chlorine, Objectionable Tastes and Odor.

1 - 50 GPD Thin Film Composite Membrane: High production thin film composite membrane that separates unwanted impurities from your water.

1 - 6" Granular Activated Carbon (GAC) Inline Filter: Enhances the water's taste.



A Watts Water Technologies Company



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