

# Austin Pure Water Treatment, Inc.

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*"Committed to Quality and Care"*

*Locally Owned And Operated*

## APW 151 5 in 1 Purity

### Amazing Technology 4 Stages in 1 + 1 Less landfill - less maintenance cost - ALL Purity

The APW 151 reverse osmosis system produces high quality drinking water quickly and easily. The system features a 50 gpd reverse osmosis membrane and top quality coconut carbon filtration in a five stage configuration. Designed with hygienically sealed filter cartridge 4 stages all in one. Imagine just one cartridge to change per year!



*Compact 5-Stage Reverse Osmosis System* The **APW 151 RO** features a four-stage sediment, pre-filter, RO membrane and post-filter housed in a single cartridge. The fifth stage, an in-line coconut carbon filter, is placed between tank and faucet. The high capacity sediment pre-filter removes dirt, silt and other suspended solids; the granular activated carbon (GAC) pre-filter removes chlorine taste and odor; the 50 gpd reverse osmosis membrane removes salts and other impurities; a carbon post-filter provides fresh-tasting, clear drinking water.

The **APW 151 RO** uses the latest in system design and membrane technology to reduce the amount of water down the drain by 50%. The 4 in one cartridge and breakthrough technology reduce solid waste when changing filters by 75%. The **APW 151 RO** system has been certified Carbon Neutral® by The Carbon Neutral Company. The CO2 emissions for the system were reduced to net zero through a combination of internal reductions and high quality carbon offsets

*Easy to Maintain* Yearly maintenance is quick and easy. Simply remove the cover and replace the main cartridge – no complicated plumbing connections, no tools required. The in-line post-filter utilizes easy quick-connect fittings. With color-coded fittings for fast installation and easy service, the APW 151 RO system delivers 30% higher flow from the faucet while reducing water waste by 50%. The APW 151 RO system is California AB1953 and Vermont VT S.152 compliant.

*NSF Standard 58* The **APW 151 RO** (WM5-50) has been tested according to NSF/ANSI Standard 58 for the reduction of TDS, arsenic, cysts, fluoride and lead.

**Stage 1** Pre-filter 20 micron    **Stage 2** Pre-filter Granular Activated Carbon    **Stage 3** RO Membrane 50 gpd    **Stage 4** Post-filter GAC    **Stage 5** Post-tank filter Inline Coconut Carbon final polish.

# APW 151 Specifications

## FEED WATER REQUIREMENTS

Total Dissolved Solids (TDS)	<2,000 mg/L (ppm)
Feed Temperature	40° F-100° F
Feed Pressure	40-80 psi
Turbidity	<1 NTU
Silt Density Index	<5
pH	4-8
Chlorine	<1.0 mg/L (ppm)

## CONTAMINANT REDUCTION

Total dissolved solids	96.50%
Arsenic V	97.80%
Cysts	>99.99%
Fluoride	96.30%
Lead	98.00%

## FILTRATION

### Stages 1 through 4 on single cartridge

Stage 1	Prefilter 20 micron
Stage 2	GAC
Stage 3	RO Membrane 50 GPD
Stage 4	Post-GAC filter
Stage 5	Inline Coconut Carbon
System Dimensions 15.5" H x 9.75" W x 13.5" D	

Feed water must be potable.

Must be free of potential membrane foulants such as iron, Hydrogen Sulfide and Manganese