

Water Purifier - Auto Pure Type 1 Water

For cost control: **Ultrapure**, **Economical**



WA401/WA401UV/WA201UF/WA201UVUF

Water quality Type 1 18.2 MΩ

Purity < 20 uS/cm

Flow 1.1 gpm
4.0 lpm

This system provides 4L per minute of 18.2 megohm water. A quiet recirculation pump ensures constant water purity. Water quality meets or exceeds ASTM Type I water specifications.



WA Series Configuration

- Built-in pressure regulator
- 0.2 micron filter

Features

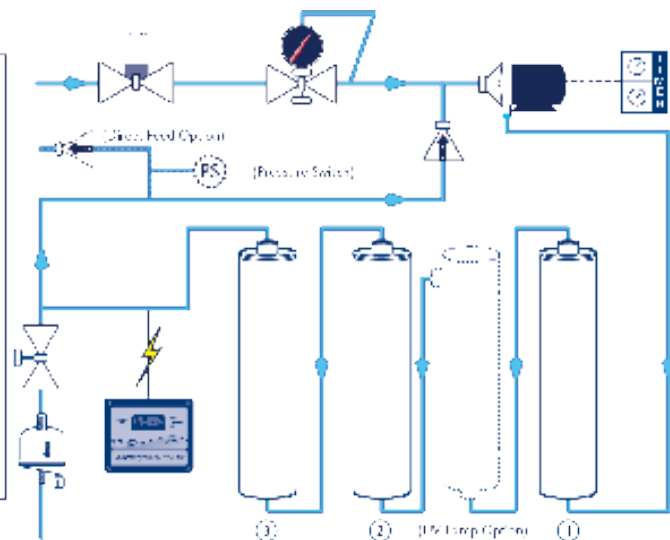
- 4.0 LPM* of 18 MΩ water
- Intuitive, touch screen for programmable water dispensing
- Fully recirculating flow of water ensures quality water upon dispensing
- **Compact design, can be wall mounted or free standing**
- **Easy cartridge replacement, no tools needed**
- **Low ownership cost**
- Variety of options available

* Reported flow rate is typical but can vary depending on supply pressure and system options

Specifications

Model	WA401 Water system with 0.2 micron capsule filter
	WA401UV Water system with 0.2 micron capsule filter and combination UV for bacteria and TOC distract WA201UF Water system with 0.05 micron capsule ultrafilter WA201UVUF Water system with 0.05 micron capsule ultrafilter and combination UV for bacteria and TOC distract
Influent Quality	
Source	Reverse Osmosis, DI or Distillation
Purity	< 20 uS/cm
Filtration	0.2 micron
Free Chlorine	< 0.05 ppm
Silica	< 2 ppm
TOC	< 50 ppb
Effluent Quality (Standard System)	
Purity	> 18 Megohm-cm
Microorganisms	< 10 CFU / mL
Chlorides	< 1 ppb
Sodium	< 1 ppb
With 0.05 micron UF Endotoxin	< 0.03 EU
Technical Data	
Pressure	90 PSIG Maximum 20 PSIG Minimum
Temperature	100°F / 30°C
Flow Rate	4.0 lpm (1.1 GPM) 2.0 lpm (0.53 GPM) with capsule filter
Connections	Inlet 3/8" Tube Outlet 1/4" FNPT
Dimensions (H x W x D)	25 in. x 23 in. x 8.5 in. (64 cm x 59 cm x 22 cm)
Weight	32 lbs dry / 38 lbs operating (14.5 kg dry / 17.3 kg operating)
Outer shell	Powder coated steel
Power requirements	120V, 60 Hz @ 1.0 amp
Options	Remote dispensing gun, 0.05 micron hollow fiber UF filter, combination high-purity/sub-micron cartridge, Reverse osmosis, direct feed option for auxiliary equipment

Flow Diagram



Optional items

Product code	Description
ARI-ARADG	Dispensing Gun with Final Filter – Factory Installed option. Recirculating gun mounted on the side of the unit with approximately 5 feet of span. User manually dispenses water.
ARI-ARAUUV	UV Combination for Bacteria and TOC
ARI-ARADF	Direct Feed port (outlet) – Factory installed option. Secondary Port on the side of the system. Used to feed ancillary equipment such as analyzers and scientific equipment. Internal pressure switch automatically keeps the system operating during a water draw condition. Minimum flow of 0.1 lpm required. Note: there is no final filter on this port. A downstream final filter may be considered.
ARI-ARAWB	Wall Mounting Bracket – Factory Installed option. Wall mounting bracket supplied with additional support base plate to the main system.
ARI-VPK3805	Tap Water Feed / Service DI – (1) Organics Pretreatment & (2) Mixed Bed Cartridges
ARI-VPK4010	RO Feed Start Up Cartridges – (3) High Purity Series Mixed Bed Cartridges
ARI-PF006402	0.2 micron capsule filter
ARI-PF006505HN	0.05 micron hollow fiber UF filter
ARI-HPA008	220 VAC External Power Converter
ARI-HPA010	Sanitization Kit
ARI-HPLRO	Reverse Osmosis Pretreatment

* VP Series cartridge sold separately