

Auto Pure Water Purifier Type 2 and Type 3 Water

Economical Deionized Water System



WH201P/WH501P/WH201C/WH501C

Media fill High purity High capacity

Flow rate 0.5 gpm (1.9 lpm) / 1.25 gpm (4.7 lpm)

A pre-assembled cartridge system that provides deionized water using a staged filtration process. Water purification is provided using a 3-stage process.



■ Stage 1

Removes particles greater than 5 micron, chlorine, and organics

■ Stages 2 & 3

Deionizers designed to remove dissolved minerals

■ Features

- Turn-key system for low cost - on demand service
- Resistivity light included for visual indication of cartridge replacement
- Available in high purity and high capacity configurations
- Available in 2-1/2" and 4-1/2" diameter configurations
- Outlet isolation valve, spanner wrench and associated tubing provided
- **Economically produces DI water**

■ Applications

- High purity models: WH201P and WH501P: use low odor mixed bed cartridges for applications requiring better than 10 MΩ water quality
General deionization, battery water filling, humidification, hydrogen generator, glassware rinse, glassware washer, sterilizers
- High capacity models WH201C and WH501C: provide water quality better than 50 KΩ, for less corrosive applications, ideal for scale reduction and non-stainless steel piping systems
Environmental chambers, sterilizers, ultrasonic cleaners, chiller loops

■ Specifications

Model	WH201P	WH501P	WH201C	WH501C
Distilled water capacity in gallons				
FEEDWATER	High Purity DI Water		High Capacity DI Water	
Total Dissolved Solids (TDS as CaCO₃)	Better than 10 Megohm		Better than 50 Kohm	
10 ppm*	2650	6800	3000	8000
100 ppm	265	680	300	800
300 ppm	90	225	100	265
500 ppm	50	135	60	160
Filter technology	(1) 10" Carbon Block (2) 20" High Purity	(1) 10" Carbon GAC (2) 20" High Purity	(1) 10" Carbon Block (2) 20" High Capacity	(1) 10" Carbon GAC (2) 20" High Capacity
Bowl diameter	2.5"	4.5"	2.5"	4.5"
Resistivity light	200 KΩ	200 KΩ	20 KΩ	20 KΩ
Flow rate	0.5 gpm / 1.9 lpm	1.25 gpm / 4.7 lpm	0.5 gpm / 1.9 lpm	1.25 gpm / 4.7 lpm
Total capacity grains as CaCO ₃	1800	4760	2160	5710
Typical effluent	10 MΩ-cm	10 MΩ-cm	50 KΩ-cm	50 KΩ-cm
Connection	Inlet - 3/8" O.D. tubing Outlet - 1/2" hose barb			
Pressure	10 PSIG minimum 100 PSIG maximum			
Temperature (max)	100°F			
Filter housing	Polypropylene			
Bracket	Painted steel			
Dimensions (H x W x D)	24"x 20"x 6	26"x 36"x 9	24"x 20"x 6	26"x 36"x 9
Shipping weight	24 lbs.	55 lbs.	24 lbs.	55 lbs.
Voltage	120V			

* Typical water quality with reverse osmosis pre-treatment



WH501P

■ Cartridge Replacement Kits

Product code	Description	Contents	Suitable Model
ARI-HYK001	High Purity Cartridge Replacement Kit	(1) 2.5" x 10" Carbon Block (2) 2.5" x 20" Mixed Bed	WH201P
ARI-HYK002	High Purity Cartridge Replacement Kit	(1) 4.5" x 10" Carbon GAC (2) 4.5" x 20" Mixed Bed	WH501P
ARI-HYK009	High Capacity Cartridge Replacement Kit	(1) 2.5" x 10" Carbon Block (2) 2.5" x 20" High Capacity	WH201C
ARI-HYK010	High Capacity Cartridge Replacement Kit	(1) 4.5" x 10" Carbon GAC (2) 4.5" x 20" High Capacity	WH501C



2.5" Cartridge Replacement Kit



4.5" Cartridge Replacement Kit

■ Replacement Resistivity Lights

Product code	Description
ARI-CL20K50	20 Kohm Resistivity Light
ARI-CL200K50	200 Kohm Resistivity Light
ARI-CL2MG50	2 Megohm Resistivity Light