

Recycles Purifies Deionizes

MANUFACTURERS OF
CLEANING, PLATING
AND DRYING EQUIPMENT
FOR OVER 50 YEARS

Greco Brothers Recycling Rinse Purifiers are designed to convert any rinse tank into a closed-loop, deionized water rinse station. These systems purify and recirculate rinse water following an aqueous cleaning or plating operation; improving water quality and eliminating the expense of continuously discharging the water to drain.

The Rinse Purifier's design includes particle filtration, carbon adsorption, and ion exchange technologies. This combination cleans the water by removing particulate contamination, organic detergents, oils, and minerals.

Because each of the high-capacity media housings is capable of accepting either carbon or ion-exchange resins, different combinations can be employed to achieve the desired water quality for nearly any rinsing operation.

WHY RECIRCULATE?

Tap water rinsing is sometimes acceptable for non-critical cleaning operations, but the cost of continuously sending water to drain is often unacceptable. Additionally, local environmental regulations related to the minimum quality of discharged water, may make continuous draining without treatment unfeasible. By removing both organic and inorganic contaminants from the water, Rinse Purifiers eliminate the need for continuous draining and provide high purity water for your final rinse. Rinse Purifiers can be connected to any of our two or three-compartment rinse tanks, or to nearly any existing rinse tank.

Depending on the application, cation, anion and/or mixed bed ion-exchange resins may be utilized. These systems can produce water quality in excess of 10 meg-ohms/sq. cm when configured with mixed-bed ion-exchange resins.



Model RP-5200-S

FEATURES AND BENEFITS:

- ▶ Converts any rinse tank into a recycling, detergent-free, deionized water rinse by removing both organic and inorganic impurities.
- ▶ Interchangeable carbon and resin media allows for customizing water quality.
- ▶ Purity light informs operator when treatment media needs to be changed.
- ▶ Pre-wired and pre-plumbed for easy installation.



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STANDARD & CUSTOM SYSTEMS

All Greco Brothers Rinse Purifiers include pump, pre-filter, media housings, post-filter, purity light, control valve, and flow meter.

The size and configuration of the Rinse Purifier required for your rinse station will depend on the specific conditions of your application.

Treatment media is pre-packaged in cartridges or sacks. Both packaging systems eliminate the need to contend with loose granules of carbon or resin, and both are designed to make media replacement fast, simple, and mess-free.

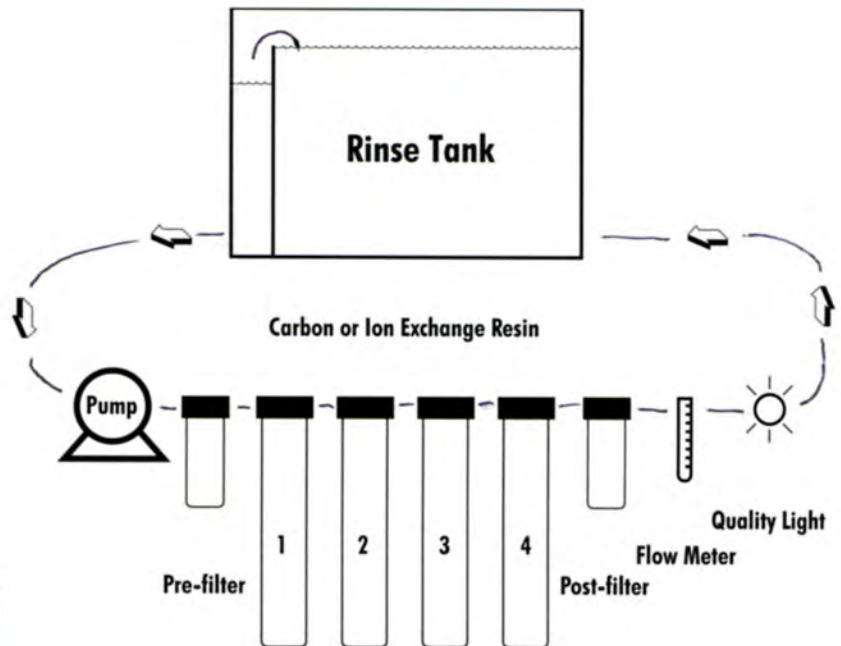
The Model RP4075-C can be built into a stainless steel enclosure or mounted on an open rolling cart. Models RP3100-S, RP4150-S, and RP5200-S are built on an aluminum or stainless steel open frame.

Please contact our sales engineers for assistance. They will be pleased to determine which water purification system best meets your specific requirements.



| Model Number | Media Size/Type | Number of Housings | Maximum Flow Rate |
|--------------|--------------------------------|--------------------|-------------------|
| RP4075-C | .25 ft ³ Cartridges | 4 | 0.75 GPM |
| RP3100-S | .50 ft ³ Sacks | 3 | 1.00 GPM |
| RP4150-S | .50 ft ³ Sacks | 4 | 1.50 GPM |
| RP5200-S | .50 ft ³ Sacks | 5 | 2.00 GPM |

Custom models and sizes are available with surprisingly short lead times.



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