

# PURE FINAL RINSE



## THE DETAILS



1. Water IN connection
2. Water OUT connection
3. FastLock opening lever to release pressure off the vessel and to open the vessel
4. Handles to carry and open the vessel.
5. TDS-Meter to check the water quality
6. Vessel
7. RapidChange Resin Bag(s)
8. Cart (optional)
9. Set of wheels (optional for non-cart versions)

# STARTUP & OPERATION

## INSTALLATION AND START-UP

### NEW MACHINE SET-UP

Unpack unit:

Inspect Pure Final Rinse DI system and all components.

Inspection & Scope of Delivery: Refer to illustration; perform visual inspection and test system for functionality:

- a. TDS Meter functional (powers on/off)
- b. Fast Lock lever (yellow) - Depress lever, rotate in clockwise direction and remove top cap assembly.
- c. RapidChange Resin Bag(s) installed in unit.
  - i. PFR1 series - One Bag
  - ii. PFR2 series - Two Bags
  - iii. PFR4 series - Four Bags
- d. Trolley, wheels and tank clamp system (optional).

Water supply connection

The inflowing water must comply with the applicable local Drinking Water Ordinance.

It must be assured that the connected watertap is equipped with a rebound valve to prevent water flowing back into drink water line.

Inflowing water temperature max. 30°C

Temperature on site 4° to 40°C; not in immediate vicinity of heater.

Do not install in the immediate vicinity of heat sources or in direct sun.

Depending on the composition of the raw water, the treated water is more or less aggressive. Thus, the parts getting in contact with the treated water must be made of suitable material (e.g. glass, plastic or aluminium). Copper and other non-ferrous metals are not suitable.

### START-UP

Pure Final Rinse recommends testing the water supply for TDS (total dissolved solids) (5) prior to working. Higher TDS levels reduce the DI system's capacity. Conversely, lower TDS levels will increase the amount of water the system is able to produce.

Inspect system - ensure Pure Final Rinse's RapidChange resin bag(s) (7) are properly installed, with zip-tie facing up and the sewing in parallel to the vessel ledge.

Set up system in upright position.

Connect hoses to system via Hozelock connection (tap water going in (1) and hose to nozzle/spray gun (2), fig. A).

Turn on tap water supply slowly.

Inspect system as it pressurises and begins producing pure water.

Keep discharge line open and hold down yellow lever (3) to remove trapped air from system (fig. B). Use only with drinking water.

Turn on TDS meter (5) and inspect pure water quality (fig. C).

For first time use, the TDS meter should read 000.

Stop use when TDS meter reads 030 ppm and change resin as this will show water spotting on vehicle.

You are ready to start rinsing on your vehicle.



### DURING OPERATION

Periodically inspect the Pure Final Rinse DI system during use. Ensure hoses are properly attached. Inspect system for leaks and proper fit of top cap assembly.

Drinking water flows into the system's lower connection port via tap pressure and flows upwards through the Pure Final Rinse DI vessel. Pure Water exits through the top connection. When plumbing line pressures fall below 3 bar (44psi), a reduction in flow rates will be noticeable.



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automotive wash system

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