

GO H²O PRO

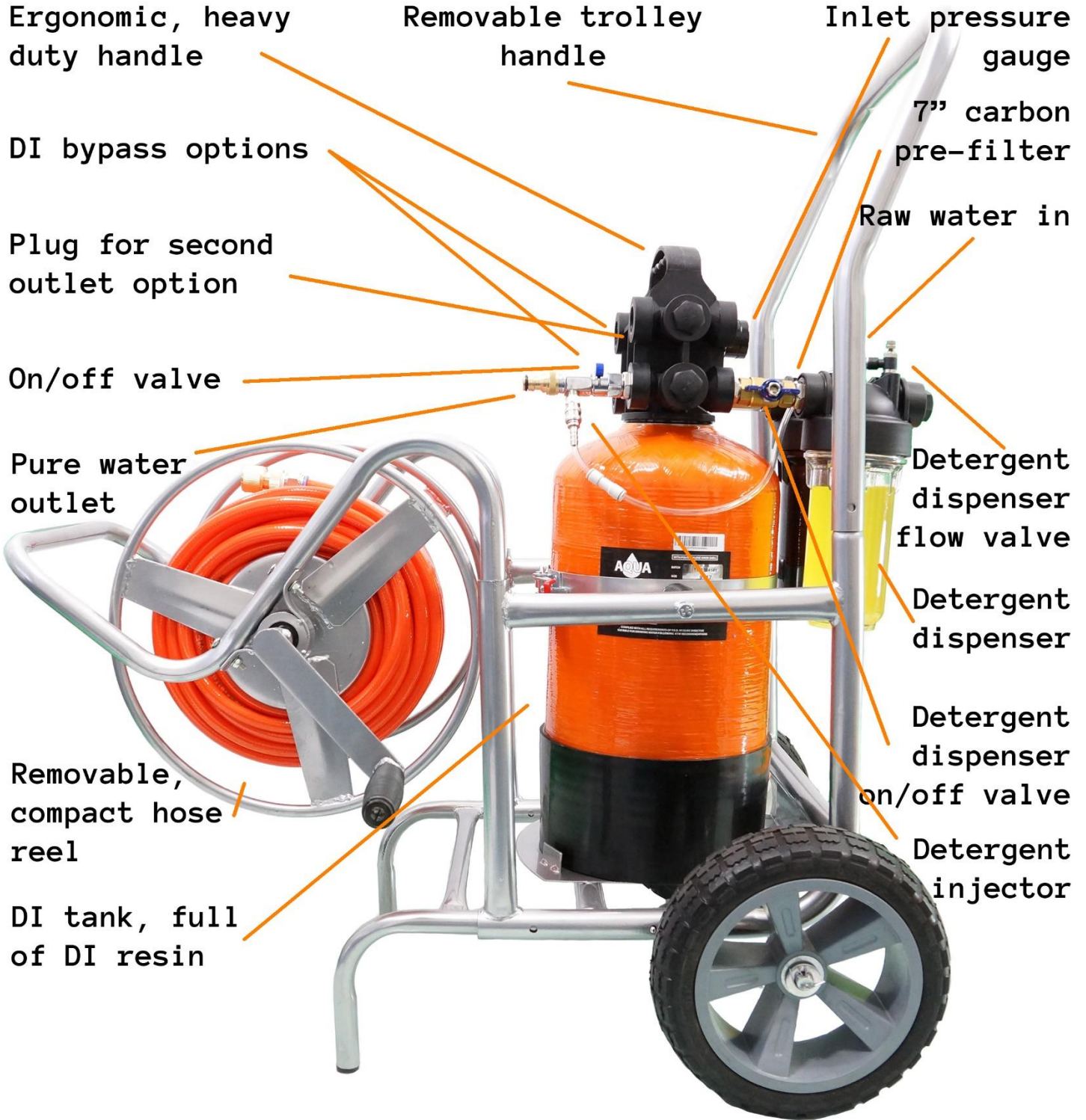
Portable DI System



USERGUIDE

WHAT IS EVERYTHING?	2
OPERATION	4
SAFETY	5
MAINTENANCE	6
UPGRADES	7

WHAT IS EVERYTHING?





Hose reel & leader. Connect leader to DI system, leave reel & DI at water source & join to pole hose valve



Pole hose & pole hose valve. Run hose through pole. Use valve to turn water on & off at the base of pole



Angle adapter. Clamp into top section of pole, run hose through and clip brush on. Adjust angle for reach



Water fed brush. Connect pole hose to push-fit T-connector to run pure water through the brush



TDS meter. Fill lid with treated water & dip sensors in to check TDS. A 0 reading will mean a spot-free finish



Housing wrench. Use to remove the carbon pre-filter or detergent housing when filter or detergent needs changing



Wash & Rinse detergent. Low foaming detergent. Pre-dilute 1:3 pure water



Carbon pre-filter and DI resin. DI system comes complete with both. Change when TDS no longer 0

OPERATION

Congratulations on purchasing your new WWCS DI System.

- Run a connection from the water source to inlet on the carbon pre-filter.
- Connect the hose leader from the pure water outlet on the DI system to the inlet on the side of the hose reel.
- Connect the brass hose connector on the end of the hose to the pole hose valve and pole hose.
- Clamp the Wiel-Loc angle adapter into the top section of the pole, ensuring the stem is pushed all the way into the clamp. Then clip the brush on.
- Run the pole hose up through the inside of the pole and angle adapter and connect to the T-connector on the brush. Please note, to remove the hose from the T-connector, simply push in the blue flange to release the hose.

Detergent dispenser

- Pre-dilute the Wash & Rinse detergent one part to three parts pure water. Depending on the condition of the glass, this ratio can be altered. Fill up the detergent dispenser. Turn the flow valve (silver knob on top) one full rotation anti-clockwise from off.
- Open detergent dispenser valve (blue valve) by pointing it straight ahead. Set the outlet valve/s (yellow valve/s) at halfway between open and closed to provide back pressure on the detergent dispenser.
- Detergent should foam when agitating the glass and dissipate after a couple of seconds. If the foam continues to run down the glass, you're using too much, so adjust the flow valve at your machine. When there is no foaming coming out of the brush, go back to the system and open the flow valve a little more. Ultimately the valve will be all the way open and you'll have no more foaming. At this point, tip out the pure water that has backwashed into the dispenser and start again.

DI bypass

- To use DI bypass, open bypass valve (valve in-line with carbon filter). If you have a detergent injector, plug the EZ Snap connector and injector hose into the outlet. If you wish to use DI water at the same time, leave outlet valve/s open too. You can run up to 4 poles from the system at once, 2 with detergent.
- Before initial use, connect unit to water source and flush system using 5 litres of water.
- With everything connected and water flowing through the brush, adjust your pressure at the water source (tap), and then at the unit's outlet valve if necessary. As a guide, you'll need roughly 30-40psi for 1-2 floors, and a further 10psi per floor, up to a maximum of 90psi

SAFETY

- Maximum inlet water temperature 40°C.
- Store unit under cover in upright position.
- Secure unit when transported in vehicle.
- Unit should not be used to provide drinking water.
- Regularly check nuts and hose fittings to ensure they are firmly secure.
- Do not use lifting lugs, if lifting use suitable lifting slings.
- Replace DI resin when TDS meter outlet reading reaches 20ppm. Replace 7" carbon pre-filter every time you replace your resin if your water source TDS is generally under 100, and every second time you replace your resin if your water source TDS is generally over 100. **See page 6 for resin and carbon filter replacement instructions.**
- Resin is not biodegradable, so when expired please empty into a bin. Please note, it is slippery, so make sure not to leave any on walkways.
- Store spare resin in a cool place in a sealed bag or container. The resin's ion exchange capacity will be diminished if exposed to the atmosphere.
- There is no need to drain system, best to keep it full to stop any long-term reactions with the atmosphere when the unit is turned off. Should you need to drain the system, tip back and forth.
- The unit's capacity to provide treated water is 6-8 litres per minute at <100TDS.

MAINTENANCE

Replacing Carbon Filter

Loosen filter housing with the filter wrench supplied. Remove 7" carbon filter and replace. Firmly hand-tighten filter housing. It has a double seal, do not over tighten.

Replacing DI Resin

Unscrew bracket and remove DI tank from trolley.

Unscrew DI vessel head anti-clockwise and empty resin.

If riser or top filter basket becomes unstuck from head, firstly ensure riser slots into centre of the head, then twist the top filter basket into the head to secure the riser.

Add 25-30% water to the tank, and completely fill tank with resin. With riser and top filter basket in position in the tank head, work riser into the resin by pushing and lifting riser through the resin until tank head can be screwed into tank. Give the tank a few firm taps on the side to help ease the riser through the resin.

Firmly tighten head and hose fittings and test for leaks.

Store any spare resin in a cool, dry place in a sealed bag or container. The resin's ion exchange capacity will be diminished if exposed to the atmosphere.

Replacing Detergent

Pre-dilute your Wash & Rinse detergent one part to three parts pure water. Depending on the condition of the glass, this ratio can be altered.

Fill up the detergent dispenser. Turn the flow valve (silver knob behind pressure gauge) one full rotation anti-clockwise from off. Open detergent dispenser valve (point it straight ahead). Set the outlet valve/s at halfway between open and closed to provide back pressure on the detergent dispenser.

Detergent should foam when agitating the glass and dissipate after a couple of seconds. If the foam continues to run down the glass, you're using too much, so adjust the flow valve at your machine.

UPGRADES

With the new McLennan Head you can run up to 4 outlets (2 x DI bypass and 2 x regular pure water outlet), each fitted with detergent injector.

DI bypass

The DI bypass is simply carbon filtered water without using resin. So it won't give you a spot-free finish, but if you're doing something that doesn't require it, like an exterior wash, you can save on any resin usage and continue using your system. The other option is to have up to 2 operators doing a pre-wash on a big job, and up to 2 operators rinsing off with pure water. Your McLennan Head can fit one or two DI bypasses.

Second outlet

The second outlet is another pure water outlet running above your current outlet. Run two poles at once with a spot-free finish. Like the DI bypasses, the second outlet can be fitted with or without detergent injectors.

Detergent dispenser

If your system doesn't have a detergent dispenser, it can be simply retrofitted at the back of your unit. You can either send the unit back to us for fitting, or drill out the plug and fit the dispenser yourself. Remember, detergent gives you the cleaning power that pure water cannot. It's a must-have for any professional cleaner.

Second pressure gauge

Monitor outlet and detergent pressure.

For more information, visit WWCS at www.windowcleaningsupplies.com.au