



Model Number: 68-045

Sapphire Scientific 68-045, Water Softener Auto Charge, Prochem 8.604-174.0, Legend Brands 101151

Manufacturer: Legend Brand

Sapphire Scientific 68-045 Water Softener Auto Charge Prochem 8.604-174.0

PRODUCT INFORMATION

Are mineral deposits and hard water scale choking your equipment and clogging your jets? Protect your truck mount and extraction tools with the EZ-Charge Water Softener from Prochem. The EZ-Charge Water Softener prevents hard water scale from accumulating on parts and plumbing, preventing costly breakdowns.

It also helps to save on chemical usage during cleaning and even contributes to better overall cleaning results, leaving carpet feeling soft and fluffy when it dries. You may notice that your chemicals are more effective at removing dirt and soiling, even when used at lower concentrations.

The EZ-Charge Water Softener removes the calcium and magnesium minerals from the water and replaces them with sodium, which does not form a scale or interfere with detergent performance. This compact, light, and efficient water softener has the capacity to regenerate over 1,000 gallons of softened water per softening run (based on a water hardness of 10 grains).

There are many factors which determine how long the water softener can operate between regenerations

- Water hardness
- Water consumption of your truck mount
- Volume of water flow
- One wand versus two wand operation
- Cleaning procedures
- Truck mount scheduling

Remember, the harder the water in your area, the more frequently the system will need to be recharged.

The EZ-Charge Water Softener requires no electrical source for regeneration. It can be recharged anytime and anywhere there is a fresh water source.

The EZ-Charge Water Softener works with any make of truck mount. It's easy to use and easy to install.

The chart below gives the amount of softened water supplied based on the water hardness that enters the system.

Equipment: Carpet Cleaning Machines > Vacuum Cleaners > HEPA Concrete Dust Slurry Hazmat Vacuums >

Water Hardness (Grains)
Soft Water Capacity (Gallons)
Water Flow in GPM (Gallons Per Minute)

Model18
Model 30

5 grains
200 gal
3000 gal
5 GPM minimum

10 grains
1200 gal
2000 gal
5 GPM minimum

15 grains
800 gal
1330 gal
5 GPM minimum

20 grains
600 gal
1000 gal
5 GPM minimum

25 grains
480 gal
800 gal
5 GPM minimum

30 grains
400 gal
660 gal
5 GPM minimum

35 grains
342 gal

Equipment: Carpet Cleaning Machines > Vacuum Cleaners > HEPA Concrete Dust Slurry Hazmat Vacuums >

570 gal
5 GPM minimum

*If the output water from the system reaches 5 grains of hardness (filtered drinking water), the system should be recharged.

The EZ-Charge Water Softener is recommended for use with inlet water temperatures of up to 125° F (52° C). Temperatures above 125° F (52° C) may damage the unit permanently and void the warranty.

MANUAL/SCHEMATIC

Manual/Schematic

Availability: This product was added to our catalog on Wednesday 15 May, 2013