# Hydro-Force 1677-2129, BPAC39, Carpet Cleaners Stand Alone Water Softener, 122717



Model Number: 1677-2129

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Manufacturer: HydroForce

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1677-2129
To recharge, add salt directly to the tank and run water through at a trickle for 30 minutes. With this simple procedure you are ready to go for another month! (Back flushing is occasionally required.)
Tank Material: Tough fiber epoxy case and ABS inner shell. Softening: 32,000 grains (enough for one month normal cleaning in a medium hard water area).
Hard Water
Hard water is water that contains high amounts of minerals, especially calcium and magnesium. Many areas in the country have very hard water as illustrated by the areas highlighted red in the map below. It’s important to understand if you have hard water as it can create serious issues for cleaners.
Soft Water
Water that is run through a water softener becomes "softened" through an ion exchange process. The calcium and magnesium are swapped for sodium ions in the tank of the water softener. This adds a small amount of sodium to the water and the calcium and magnesium ions are later flushed out as waste water. The sodium ions in the softened water do not form scale on equipment and don’t affect cleaning solutions.
Lime Scale
Lime scale is caused by an accumulation of calcium carbonate on surfaces. This is the hard, chalky white substance that builds up on your faucet and shower head. If you’re not using a water softener it will do the same thing to your cleaning system. Lime scale will plug up jets, hoses, heat exchangers, fittings and more. Cleaners that use truckmounts capable of running at high temperatures are even more susceptible to these problems since heat increases mineral deposition.
Decreased Cleaning Efficiency
As scale builds up on a truckmount heat exchanger it will reduce its heating efficiency. It is not uncommon for units that have not been descaled for some time to have a 50-70% reduction in heating efficiency. It can also cause a reduction in pressure, reducing the amount of agitation used to remove soils from carpet. In addition to reducing the pressure and heat, hard water binds to cleaning agents in your rinse and will completely nullify the rinses cleaning ability.
Truckmount Warranty
Many truckmount manufacturers will invalidate their warranties if scale buildup is extreme and the user does not use soft water or descale frequently. If your equipment fails because of hard water scaling it will not be covered by the warranty

Weight 35 lbs

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Owners Manual

Compare to current or past OEM associations:
AC39
BPAC39
122717
1677-2129

Optional



Hydro-Force: Carpet Cleaners Compact Water Softener w/ Automatic Recharge and Brine Tank AC40 (large)

Manufacturer: HydroForce

https://www.prochemsupply.com/hydro-force-water-softener-truck-mount-manual-recharge-ac39-1677-2129/ $582.00 free ship
https://www.csisupplies.com/water-softener-manual-recharge/ $605.75
https://www.pembertonstore.com/index.php?main_page=product_info&cPath=87_119

*Parts & Accessories > Tanks: Fuel, Water, Vacuum > Hydro-Force 1677-2129, BPAC39, Carpet Cleaners Stand Alone Water Softener, 122717*

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&products_id=811&zenid=6bdc8a399f1e6030a042b41e61cc3b92 $549.00
https://www.aramsco.com/stand-alone-water-softener-1677-2129.html $605.75 free ship
https://interlinksupply.com/index.php?item_num=AC39 $605.75
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*Availability: This product was added to our catalog on Thursday 07 May, 2020*

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