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Model Number: AS08

HydroForce AS08, Injection Prespray Sprayer Pro A70109, UPC 768724753175

Manufacturer: HydroForce

HydroForce AS08 Injection Sprayer Pro A70109 UPC 768724753175

#### Description

Pre-spray 10 times faster than a pump up sprayer! Finish Jobs Faster with Hydro-Force Injection Sprayers! For those that demand the best, the Hydro-Force Injection Sprayer Pro has all the great features you've come to expect along with a new 5 qt. container that makes the best sprayer in the industry even better! You can cut your spray time in half and quickly apply carpet presprays, deodorizers, tile and grout cleaning solutions, sanitizers, protectors and more.

#### Features

- NEW, patent-pending container design makes the Hydro-Force sprayer the most convenient sprayer on the market.
- Large side-fill port &ndash; refill without removing the injector assembly
- Wand holder to keep your wand off your customer's floor
- Operating pressure range of 100-1,000 PSI
- Eliminates annoying mixing required by pump up sprayers
- High-quality quick connects allow your gun to swivel and permits quick removal

#### Specification

- Sprays solution at either 1 to 8 or 1 to 4.
- Includes a 5 qt heavy duty roto mold jug that you can fill from the rear or side w/qt. measurement markings
- Jug is over twice as thick as standard blow molded jugs - designed to last a life time!
- Spray gun rated at 2600 PSI and 7 GPM
- Chemically resistant seals
- 18" stainless steel wand
- Tethered cap

Parts List

Manual

Brochure

NA0816A - 7 dilution ratios using Metering Tip Kit

AS68A - Hydro-Force Bottle with Cap and Tether

AS68L - Hydro-Force Bottle - Cap Only

AS69A - Hydro-Force Bottle - Tether Only

Videos

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How To Clean You Injection Sprayer Filter Video

How to Repair or Rebuild the Injection Sprayer Trigger Valve Video  
Compare to current or past OEM associations

- A70109
- 70109
- AS08
- UPC 768724753175
- 325295350657

Additional Information

General Function:

The Hydro-Force Injection Sprayer is based upon an injection system that consists of a specially designed valve that injects a concentrated chemical into the high-pressure water flow from the machine. Hydro-Force is designed for use with incoming water pressure of 400 PSI. The water flow is automatically reduced as it passes through the injector valve, thus reducing the pressure approximately 64%. To obtain the actual working pressure of your Hydro-Force Injection Sprayer, multiply your incoming pressure by 36%. The Hydro-Force Injection Sprayer is factory set to inject chemicals at a 1 to 8 ratio. Other chemicals may be used but should be prepared for a 1 to 8 dilution. The Hydro-Force pressure can be increased by putting a smaller jet at the end of the wand. This will, however, decrease the injection rate of your chemical. Your injection ratio may also change depending on the viscosity (thickness) of your chemical concentrate. The 1 to 8 ratio is based upon chemicals with a similar viscosity to water. The injection ratio can also be slightly affected by your main flow water temperature. This is generally not enough of a change to appreciably change the effectiveness of your system. We do, however, recommend the water temperature be kept below 200 degrees Fahrenheit, as higher temperatures can cause problems on the injection.

Pre-Spray and Traffic Lane Applications:

Hydro-Force Injection Sprayer eliminates the hassles of measuring and mixing. We recommend you keep an extra 5-quart container or two on your truck to make sure you never run out and to facilitate quick changes of your chemical containers. Remember that Hydro-Force Injection Sprayers automatically mixes at a 1 to 8 ratio. If your 5-quart container is full then that is the same as holding an 11-gallon pump sprayer of regular, ready to use pre-spray. We have found that Hydro-Force Injection Sprayers offer better penetration and overall coverage than most other sprayers. It is therefore possible to pre-spray your jobs up to 45 minutes before you reach that area to be cleaned. An effective way to use the Hydro-Force for pre-conditioning or small to medium jobs is to start at the door coming into the house, spraying all the traffic areas, working your way to the farthest point back in your job. You have then completed your pre-conditioning in just seconds and are prepared to hook up your wand and start cleaning your way out. Keep in that your Hydro-Force is spraying 3 to 4 times the amount of product your normal pump sprayer is putting out. This means you must move quickly to avoid over-applying. Protector should be applied in even, slightly overlapping strokes.



Optional

Steambrite 22 Hp TruckMount Predator Engine Tuthill 3006 (36) Blower  
Stainless Carpet Cleaning Machine Only w/ Freshwater Tank TM2236

Be sure to purchase a couple of extra jugs, one for each chemical you like to use.

AS30 Injection Sprayer Empty Un-Marked Blow Molded Plain 5 Qt Sprayer  
Jug Solid Cap MP-UH18-EA PR110 1689-4762

Questions and Answers:

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Yesterday I started using the injection Sprayer and the problem it has almost empty the solution container spraying one single room when normally with my others HF Sprayers I can do 3 rooms and 1 hallway with one single container and yes it has the yellow tip. Can this be fixed?

A. Dema Engineering that makes the injection body part of these sprayers states the exact dilution ratio depends on the 'use pressure,' and not the standby pressure of your rig, GPM / gallons per minute flow rate, the water temperature, how dirty the filters are on the inside of the injection sprayer, the size of the nozzle installed on the end of the lance, and the viscosity of the injected solution. The interesting thing I found about this is the temperature of the water has a huge bearing on this dilution ratio. At now point is the injection perfectly 8-1 with the yellow installed, and 4-1 with the yellow tip uncrewed. Way too many other factors adjusting the actual dilution ratio. It is possible that the filter on the old sprayer was partially occlusion or the injection solution was thicker or colder, and this is why you were able to spray longer before refilling.

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On the temperature subject as the injection body temperature rises up, the injection ratio goes down. So customers that use steam cleaning machine (burn a fuel to heat the water, example propane, kerosene, and diesel fuel never inject at the correct 8-1 ratio.

I would guess that to swap out the sprayer, would yield not changes since they are all made exactly the same.

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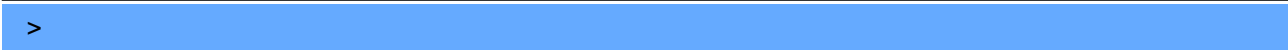
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Name="Grid Table 6 Colorful Accent 4" />

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font-family:"Times New Roman",serif;}
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*Availability: This product was added to our catalog on Saturday 13 March, 2010*