Model Number: 20130329

Clean Storm Pressure Feed Auto Fill Conversion Kit (Self Install) 20130329 For carpet cleaning machines

Manufacturer: Clean Storm

Clean Storm Pump Pressure Feed Conversion Kit (self install) can be used on all makes and models or carpet cleaning machines.

Convert your suction feed portable carpet cleaning machine into auto fill pressure feed system.

Pressure feeding advantages:
Clean with about 75 psi more 'use pressure' (with trigger squeezed on tools)
Clean with about 10 degree F more water temperature (water does not sit in the fresh tank and cool down)
You can clean with larger jets or more jets without as much pressure drop off during use pressure.
No need to have to refill your carpet cleaning machine every 10 to 20 minutes.
Clean 21% faster.
Perfect add on for cleaners that are going to use a power wand to clean carpets.
Kit can be adapted to work with all makes and models or carpet cleaning machines.

This is some of the parts included and need to convert your carpet cleaning machine from suction feed to pressure feed.
Average labor time for installation is 1 to 1.5 hours.

Full [20130329] Kit Installation Instructions (pdf)

Includes:

Brass Ferrule .821 inches X 1 inches Long X .025 Gauge Common for 1/2in ID Hose 32577

Four units dealer installed

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Air and Water Hose HBD Thermoid Inc ValuFlex (ValueFlex) 3/8" ID Per Foot 200psi Black GS GP

10 ft of 3/8" ID 800 psi burst, 200 degree hot water hose.

Cut in half to two 5 ft sections.

We will assemble this for you with crimped ends

These hoses are used to make the in and out hose connections from the sink to the fresh tank and back.

Air and Water Hose HBD Thermoid Inc ValuFlex (ValueFlex) 1/2" ID Per Foot 200psi Black GS GP (or similar)

5 ft of 1/2" ID 800 psi burst, 200 degree hot water hose.

Used to replace the clear spiral wire reinforced hose currently installed under the hood of your machine.

Usually you might have to shorten and cut in half to allow for the Y filter installation.

Includes 1

Thermal Relief Valve 145 Degrees F 3/8" Mip X 1/4" Plastic Barb Control Devices Inc (or similar)

145 safety water temp sensor with 3/8" Mip X 1/4" barbed connector

Will protect your water pump from water hotter than 145 degree by discharging water that is too hot back into the sink or shower.

Includes one

3/8in Mpt X Female Garden hose Swivel Fitting Brass with gasket - 8.901-292.0 - 30048

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Kit includes 2 units
Brass Street Elbow 90 Degree 3/8" Mip X 3/8" Fip Used with JE Adams booms Item #6050 and Item #6083 BR284 B186

Kit includes 1 unit
Four Way Brass Cross 3/8" Fip X 3/8" Fip X 3/8" Fip X 3/8" Fip 6FP-BCross 8.705-197.0 - 28042

Kit includes 2 units
3/8" Mip X 3/8" Barbed Brass Fitting 32-013 Straight

Kit includes 2 units
Pressure Washer QD Female Coupler X 1/4 in Mip Stainless Steel 8.707-110.0 - Legacy Shark 2-2001SS
or similar

Kit Includes 1 unit
Karcher 8.707-103.0 - Pressure Washer QD 1/4in Fip X 1/4in Female Socket Coupler Stainless Steel - 87071030 - 2-2000SS
or similar

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Kit Includes 2 units
1/4" Mip X 3/8 in Hose Barb Brass - 8.705-104.0 - 87051040 32-012 32012 BR020

Kit Includes 2 units
Pressure Washer QD 1/4" Fip X 1/4" Male Nipple Plug Stainless Steel Coupler

Kit Includes 1 unit
1/4" Mip X 1/4" Fip Street 90 Brass Elbow BR282

Kit Includes 1 unit
1/4" Mip X 1/4" Fip Brass Extender 28192

New upgrade
Kit Includes 1
Brass "Y" Filter 1/2" Fip Strainer 342007 - BY5050 87070640 E132 8.709-958.0
Replaces the plastic strainer that is currently installed between fresh tank and water pump. Can handle more hot water and pressure than the plastic does.

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New upgrade
Kit Includes (2)
1/2" Mip X 1/2" Barbed Brass Fitting 32-017 Straight
Two included, one for each side of the above Y filter to assist in replacing plastic filter.
Re-use original hose clamps that are currently holding plastic filter to secure this assembly

All the clear wire reinforced 1/2" suction hoses in the motor box will have to be changed out to the hot water rated pressure hoses.
Most of the assembly work will be done by use before the parts ship. You will just add the parts to the bottom of the fresh water tank and change out the motor box hose and filter with this hot water rated hose and filter.
Remove 1/4" Acorn Strainer from bottom of fresh water tank and install on 1/4" Mip X 1/4" Fip Socket Flow through QD
Install 1/4" Male Socket QD / 90 /extender to the location that the acorn strainer once sat.
Install 1/4" Mip X 1/4" Female Flow Through QD on return hole from pump bypass in bottom of fresh water tank.

You are all set! If you you want to suction feed and use the fresh water tank, you just remove the direct connect hoses and snap in the acorn strainer on the QD.
If you want to pressure feed your pump, just remove the acorn strainer and install you twin 5 ft hoses up to the faucet adaptor.
Easily toggle back and forth between pressure feeding and suction feeding your pump.
Easily toggle back and forth between using the fresh tank or direct connect.
Conversion can be done on all makes and models of portable carpet cleaning machines.
145 water sensor monitors your incoming and circulating water temperature to make sure that you stay under the 145 degree mark that is safe for pump head seals. You can optionally add 1/4" Id hose to the sensor barbed connectors but as of right now just point the outbound barbed fitting into the sink.

Please note the above kit is for machines that have 1/4" pipe connection in the bottom of the fresh water tank.
If you have a Nautilus extractor you will need to purchase two more brass parts. 1/4" Mip X 3/8" Mip hex nipple (part BR132) to convert the pump bypass return to 1/4" mip

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after you remove the elbow, and a 1/4" Fip x 3/8" Mip brass bushing to convert the hole under the acorn strainer from a 3/8" Fip to a 1/4" Fip (part A00168).

Optional:
Labor charge for use to install this kit for you in your machine if located at our location in San Antonio TX $150.00

Clean Storm
AutoFillKit

Clean Storm Automatic Fill Kit for Carpet and Tile Cleaning Machines

What are the best features to look for in a portable tile and carpet cleaning machine?

What are some the best features to look for in an electric flood extraction / vacuum

Narrow down my portable extractor search!

Availability: This product was added to our catalog on Saturday 30 March, 2013

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