Shurflo 8000-812-288, 100psi 115volts Pump w/ Bypass and Viton Valves, 1.4 gpm 53869a SL-22.5 GTIN 0689827447566



Model Number: 8000-812-288

Shurflo 8000-812-288, 100psi 115volts Pump w/ Bypass and Viton Valves, 1.4 gpm 53869a SL-22.5 GTIN 0689827447566

Manufacturer: Shurflo

Shurflo 8000-812-288 Water Pump – 115 Volt, 100 PSI, 1.4 GPM, Viton Valves
Special dealer-cost pricing: This pump is being offered at an exceptionally low price. Online orders are preferred for this item.
The Shurflo 8000-812-288 is a commercial-duty, three-chamber diaphragm pump designed for carpet extractors, upholstery cleaning machines, agricultural sprayers, chemical transfer systems, car-wash equipment, and other intermittent-duty liquid-transfer applications.
This model operates on 115-volt AC power and produces up to 1.4 GPM open flow. It includes a 100 PSI automatic demand switch and an 80 PSI internal bypass to help reduce rapid switch cycling when the discharge flow is restricted.
Key Features



- Manufacturer: Shurflo / Pentair
- Part number: 8000-812-288
- Voltage: 115 VAC
- Maximum open flow: 1.4 GPM
- Demand-switch pressure: 100 PSI
- Internal bypass: Approximately 80 PSI
- Inlet port: 3/8-inch FNPT
- Outlet port: 3/8-inch FNPT
- Valve material: Viton
- Main diaphragm: Santoprene
- Pump housing: Nylon
- Pump design: Positive-displacement diaphragm pump

Shurflo 8000-812-288, 100psi 115volts Pump w/ Bypass and Viton Valves, 1.4 gpm 53869a SL-22.5 GTIN 0689827447566

• Control type: Automatic demand switch with internal bypass

Performance Specifications

Operating Pressure	Pressure in Bar	Approximate Flow	Flow in L/min	Approximate Amperage
20 PSI	1.4 bar	1.13 GPM	4.3 L/min	0.39 amp
40 PSI	2.8 bar	1.02 GPM	3.9 L/min	0.47 amp
60 PSI	4.1 bar	0.94 GPM	3.5 L/min	0.55 amp
100 PSI	6.9 bar	0.60 GPM	2.3 L/min	0.67 amp

Steambrite Supply

Shurflo 8000-812-288, 100psi 115volts Pump w/ Bypass and Viton Valves, 1.4 gpm 53869a SL-22.5 GTIN 0689827447566

Flow and amperage are approximate and can vary according to voltage, liquid viscosity, plumbing restrictions, nozzle size, elevation, and system condition.
How the Demand Switch and Internal Bypass Work
The pump automatically starts when a spray valve or other outlet is opened and system pressure drops. When the outlet is closed, pressure rises and the demand switch turns the pump off.
The internal bypass allows some liquid to recirculate inside the pump head when flow is restricted. This helps provide smoother operation and can reduce rapid on-and-off cycling. The bypass is not intended to replace a properly designed pressure regulator when precise system-pressure control is required.
Common Applications

- Portable carpet-cleaning extractors
- Upholstery and auto-detailing machines
- Commercial spraying systems
- Car-wash chemical or water delivery
- Agricultural and pest-control sprayers
- Industrial liquid-transfer equipment
- Replacement pump for compatible 115-volt cleaning machines

Important Installation Information
Confirm compatibility before ordering. Match the complete pump number, voltage, pressure rating, port size, valve material, wiring, pump-head orientation, mounting-hole pattern, and available installation space.

- Disconnect electrical power before installation or service.
- Use fittings with the correct 3/8-inch NPT thread.
- Do not overtighten fittings into the nylon pump housing.
- Use an inlet strainer to prevent debris from damaging the valves and diaphragm.
- Do not operate the pump dry for extended periods.
- Flush incompatible chemicals from the pump after use.
- Check the chemical manufacturer’s compatibility information before pumping solvents or aggressive chemicals.
- Installation and electrical work should be performed by a qualified service technician.

Priming After Installation
A newly installed pump may contain trapped air, especially when used in a carpet extractor with a check valve, heater, long solution hose, or restrictive plumbing.
Fill the freshwater tank, open the discharge flow and allow the pump time to prime. If the pump runs but does not move water, the system may require vacuum priming to remove trapped air from the pump and inlet line.
To view a short demonstration, visit YouTube and search for Steambrite Prime Pump.
Pump Orientation
The Shurflo 8000-812-288 is closely related to model 8006-812-288. Depending on

Shurflo 8000-812-288, 100psi 115volts Pump w/ Bypass and Viton Valves, 1.4 gpm 53869a SL-22.5 GTIN 0689827447566

the original equipment installation, the pump head or ports may be positioned differently.
Do not rely only on a photograph. Compare the complete part number and installation configuration before ordering. In some applications, the pump-head orientation may be changed by a qualified technician, but the purchaser remains responsible for confirming fitment.
Known Reference and Cross-Reference Numbers
This pump may be associated with one or more of the following equipment, vendor, or catalog references:

- 8000-812-288
- 8000812288
- SF8000812288
- SF 8000812288
- 53869A
- SL-22.5
- CWS-PMPSB288
- 8.808-931.0
- 88089310
- OK-99-0-M06
- 665278669
- 0689827447566

Cross-reference numbers are supplied only as research aids. Always confirm the voltage, pressure, flow, ports, materials, wiring, orientation, and mounting configuration before purchasing.
Available Repair Options
Depending on the condition of your existing pump, replacing the complete pump may not always be necessary. Replacement pump-head assemblies and other service parts may be available for selected Shurflo 8000-Series pumps.
Carefully inspect the motor, bearings, switch, valves, diaphragm, pump housing, and wiring before deciding whether to repair or replace the complete assembly.
What Is Included?

- One Shurflo 8000-812-288 pump

Fittings, hoses, electrical connectors, strainers, mounting hardware, switches, and installation labor are not included unless specifically shown and stated in the listing.
Frequently Asked Questions
Is this a 12-volt pump?
No. This model operates on 115 volts AC. Do not connect it to a 12-volt DC power source.
Does the pump produce 1.4 GPM at 100 PSI?
No. The 1.4 GPM rating is the approximate maximum open-flow rating. Flow decreases as operating pressure and system restriction increase.
Does the pump automatically turn off?

Shurflo 8000-812-288, 100psi 115volts Pump w/ Bypass and Viton Valves, 1.4 gpm 53869a SL-22.5 GTIN 0689827447566

Yes. The demand switch is designed to stop the pump when the outlet closes and system pressure reaches the switch setting.
What is the purpose of the internal bypass?
The internal bypass allows limited recirculation inside the pump head when flow is restricted, helping reduce rapid switch cycling and pressure surges.
Can this pump handle chemicals?
The Viton valves provide resistance to many chemicals, but compatibility depends on the complete liquid formulation, concentration, temperature, and exposure time. Verify compatibility before use.
Will it directly replace every pump with similar specifications?
No. Two pumps can share the same voltage and pressure rating but have different ports, mounting patterns, wiring, switch settings, materials, dimensions, or pump-head orientation.
Ordering Notice
Electrical and water pumps are application-specific repair parts. Please verify all specifications before ordering. Display photographs are provided for general reference; orders are fulfilled according to the manufacturer part number shown in the listing.
Manufacturer specifications and product appearance are subject to change without notice.
Shurflo 8000-812-288 100psi 115volts Viton pump w/ Bypass 1.4 gpm 53869a SL-22.5
Features

- 1.4 GPM open flow
- Viton valves
- Santoprene diaphragm
- 100 PSI Demand Switch w/ 80 PSI Internal Bypass
- 3/8" NPT-Female ports
- Nylon Housing
- 115 Volt
- Same pump as the 8006-812-288 with the head flipped over

Specification

PSI	
20	

Shurflo 8000-812-288, 100psi 115volts Pump w/ Bypass and Viton Valves, 1.4 gpm 53869a SL-22.5 GTIN 0689827447566

40

60

100

BAR

1.4

2.8

4.1

6.9

GPM

1.13

1.02

0.94

0.60

Steambrite Supply

Shurflo 8000-812-288, 100psi 115volts Pump w/ Bypass and Viton Valves, 1.4 gpm 53869a SL-22.5 GTIN 0689827447566

L/min
4.3
3.9
3.5
2.3

Amps
0.39
0.47
0.55
0.67

Steambrite Supply

Shurflo 8000-812-288, 100psi 115volts Pump w/ Bypass and Viton Valves, 1.4 gpm 53869a SL-22.5 GTIN 0689827447566

Video

See Also:
Shurflo: Head Replacement - 8050 / 8000 Series - Viton [94-380-28]
Shurflo: Head Replacement - 8050 / 8000 Series - EPDM [94-380-17]
Important information:

Coronavirus Prevention and treatment Procedures Cleaners and Supplies Step By Step 11136038

Shurflo 8000-812-288
Pentair Shurflo 8000-812-288
115 Volt diaphragm pump
100 PSI carpet cleaning pump
1.4 GPM Shurflo pump
Viton valve pump
Santoprene diaphragm
3/8 FNPT pump
53869A
SL-22.5
replacement extractor pump
chemical resistant diaphragm pump

$172.65 less 5% free shipping $164.02
https://www.kleen-ritecorp.com/p-37677-shurflo-8000-812-288-115vac-nylon-housing-diaphragm-pump-1-4-gpm.aspx $125.65
Ebay $139 free shipping
https://www.toboaenergy.com/product/shurflo-8000-812-288-pump-100psi-115volts-viton-pump-w-bypass/
-->

Steambrite Supply

Parts & Accessories > Pumps (Water Pumps) > Shurflo Water Pumps > Shurflo 8000-812-288, 100psi 115volts Pump w/ Bypass and Viton Valves, 1.4 gpm 53869a SL-22.5 GTIN 0689827447566

Shurflo 8000-812-288, 100psi 115volts Pump w/ Bypass and Viton Valves, 1.4 gpm 53869a SL-22.5 GTIN 0689827447566

Availability: This product was added to our catalog on Wednesday 13 June, 2007

Steambrite Supply