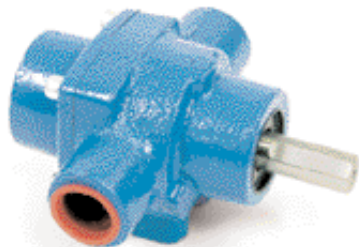




## Hypro Roller Pumps



Ideal for Farm Sprayers, Pest Control and Chemical Application Usage.



- Housings available in Cast Iron, Ni-Resist or Silver Series
- Self priming operation; Roller pumps should not be run dry
- Adaptable to PTO's or Gas Engines
- Standard seals are Viton or Buna
- Standard super rollers provide the chemical resistance of Nylon and long life of Polypropylene
- Rotation is determined by looking at shaft end of pump
- Counter clockwise is standard on all except 4001 and 4101 Series
- Maximum fluid temperature is 140°

Part No.	Model No.	Housing	Rotation	Shaft dia	No. of Rollers	Seals
100814	4001C	CI	CW	5/8"	4	V
100817	4101C	CI	CW	5/8"	4	V
100778	4101N	N	CW	5/8"	4	V
100815	4101XL	SL	CW	5/8"	4	V
100784	6500C	CI	CCW	5/8"	6	V
100784R	6500C-R	CI	CW	5/8"	6	V
100784N	6500N	N	CCW	5/8"	6	V
100784X	6500XL-R	SL	CW	5/8"	6	V
100819	7560C	CI	CCW	15/16"	8	V
100819R	7560C-R	CI	CW	15/16"	8	V
100823R	7560N-R	N	CW	15/16"	8	V

NOTE CI = Cast Iron, N = Ni-Resist, SL = Silver Last

## Performance Tables



### Series 4001

- Max psi 150
- Max GPM 9
- Max RPM 1800

Pressure in PSI	GPM @1100 RPM		GPM @1400 RPM		GPM @1800 RPM	
	HP	HP	HP	HP	HP	HP
50	4.4	.24	5.9	.32	8.0	0.46
100	3.8	.41	5.3	.56	7.3	0.78
125	3.5	.50	5.0	.68	7.0	0.95
150	3.3	.62	4.8	.78	6.7	1.10

### Series 4101

- Max psi 150
- Max GPM 7
- Max RPM 2600

Pressure in PSI	GPM @1100 RPM		GPM @1400 RPM		GPM @1800 RPM	
	HP	HP	HP	HP	HP	HP
50	4.5	.34	5.60	.40	6.6	0.46
100	3.9	.56	5.00	.68	6.0	0.76
125	3.7	.68	4.82	.82	5.7	0.92
150	3.4	.78	4.40	.96	5.4	1.08

### Series 6500

- Max psi 300
- Max GPM 18.2
- Max RPM 1000

Pressure in PSI	GPM @1100 RPM		GPM @1400 RPM		GPM @1800 RPM	
	HP	HP	HP	HP	HP	HP
50	8.0	0.38	16.5	0.71	20.1	0.90
100	7.2	0.68	15.4	1.26	19.1	1.51
200	5.6	1.29	14.0	2.34	17.3	2.84
300	4.3	1.91	12.7	3.47	15.7	4.17

### Series 7560

- Max psi 300
- Max GPM 22.5
- Max RPM 1000

Pressure in PSI	GPM @1100 RPM		GPM @1400 RPM		GPM @1800 RPM	
	HP	HP	HP	HP	HP	HP
50	11.1	0.74	17.5	1.26	22.0	1.78
100	10.3	1.25	16.9	1.95	21.3	2.53
200	8.6	2.26	15.5	3.40	20.0	4.20
300	7.1	3.30	18.9	5.30	18.0	6.10

## Twin Diaphragm Spot Spray Pump



### Specifications:

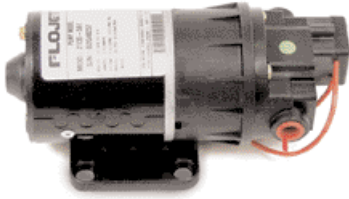
- 1 GPM (open)
- 35 PSI (#8 tip)
- 3/8" hose barb inlet/outlet
- Self-priming to 2.5 feet
- Operating temperature 40° - 110°F
- Liquid temperature 110°F max
- 5 Amp fuse
- 1.3 lbs dry weight

### Features:

- Compact automatic on-demand operation
- SEALED pressure switch automatically stops pump when discharge valve opens & closes
- Self-priming so pump can be located above supply tank
- Can run dry for extended periods without damage
- Built-in thermal protection on 12VDC motor
- Low Amp draw ( 2.5 @ 25 PSI, 4.0 @ 35 PSI)
- Chemical-resistant valves & diaphragm

Part No.	Description	Open Flow	Max PSI	Power
100880	Spot Spray Pump	1.0	35	12 VDC

## Flojet Diaphragm Pump

**FLOJET**


Built in pressure switch automatically starts and stops pump instantaneously.

- Can run dry without damage
- Excellent Self Priming Capability
- Low current draw

Part No.	Flojet Model No.	Power	Max Flow	Max PSI	Ports	Diaphragm*	Valves*
100879	2135-561	12V DC	1.48	60	3/8" FPT	B	V
100884	4300-142A	12V DC	3.30	40	1/2" Barb	S	E
100863	2100-032	115V	1.85	50	3/8" FPT	S	S
100895	2100-022A	115V	1.85	50	3/8" FPT	V	V
100888	4300-042	115V	3.70	35	1/2" Barb	S	E
100884A	4300-043A	115V	4.70	35	1/2" Barb	S	E

\* B = BUNA V = Viton E= EPDM S = Santoprene

NOTE: These units are designed to withstand many harsh chemicals. However, because compounds and concentrations of materials pumped through these Units are beyond the manufacturer's control, the manufacturer DOES NOT PROVIDE A WARRANTY on the wet-end of the pump.

## Diaphragm Pump Units

**SHURflo**  
A WEAVER COMPANY


1.00 - 3.8 GPM integrated pump motor units. Powered by 12V DC or 115V AC power. Pumps are standard with Santoprene® diaphragms and Viton valves for excellent service with a wide variety of sprayable products.

**NOTE: Flow is reduced as pressure is increased (i.e. 100850 pumps 1.12 GPM @ 60 psi) Automatic demand control on/off.**

- Chemical resistant materials
- Self priming
- Automatic demand pressure switch or internal bypass
- Can run dry without damage
- Low Amp draw

Part No.	Surflo Model No.	Power	Max Flow	Max PSI	Max WP	Ports	Diaphragm*	Valves*
100841	8000-541-236	Demand	12V DC	1.0	60	3/8" FPT	S	V
100854	8000-343-236	Demand	12V DC	1.2	60	3/8" FPT	V	V
100850	8000-543-236	Demand	12V DC	1.4	60	3/8" FPT	S	V
100844	8000-543-238	Demand	12V DC	1.4	100	3/8" FPT	S	V
100893	8030-813-239	Demand	12V DC	1.5	150	3/8" FPT	S	V
100852	8002-793-238	Demand	12V DC	1.7	100	3/8" FPT	S	E
100862	8000-532-256	Demand	115V	1.0	60	3/8" FPT	S	V
100857	8000-033-236	Demand	115V	1.0	60	3/8" FPT	V	V
100856	8000-533-236	Demand	115V	1.4	60	3/8" FPT	S	V
100892	8000-812-288	Bypass	115V	1.4	100	3/8" FPT	S	V
100858	8000-813-238	Demand	115V	1.6	100	3/8" FPT	S	V
100896	8000-713-238	Demand	115V	1.6	100	3/8" FPT	S	E

**2088 Premium Series** - self primes up to 12 foot - Built in Back Check

100855	2088-343-135	Demand	12V DC	3.0	50	1/2"-14M	S	V
100853	2088-313-145	Demand	12V DC	3.6	50	1/2"-14M	S	V
100851	2088-712-244	Demand	12V DC	3.8	50	1/2"-14M	S	E
100861	2088-394-154	Demand	115V	3.2	40	1/2"-14M	S	V

**4111 - Double Head**

100899	4111-035	Demand	12V	7.0	50	1/2"-14M	S	V
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**166 - Air Drive**

100870	166-200-56	Demand	AIR	2.0	60	3/8" Barb	E	E
100871	166-200-36	Demand	AIR	2.0	60	3/8" Barb	V	V

\*S = Santoprene V = Viton E= EPDM

NOTE: These units are designed to withstand many harsh chemicals. However, because compounds and concentrations of materials pumped through these Units are beyond the manufacturer's control, the manufacturer DOES NOT PROVIDE A WARRANTY on the wet-end of the pump.



## Industrial Chemical Sprayer

Excellent pre-prep chemical applicator. Trigger control, demand flow, wall mount cabinet, enclosed pump unit pulls chemical from a bulk tank and delivers it through 100' lightweight hose for low pressure stream/cone or mist application. Operator simply squeezes trigger for instant application.



- Diaphragm pump units
- 60 psi pressure
- Choice of 12V DC or 110V DC
- 100 foot hose
- Adjustable nozzle for cone mist to straight stream
- Durable Santoprene & Viton wetted parts

Part No.	Description	Motor	PSI	GPM
<b>Wall Mount / Cabinet Sprayer</b>				
810020	Chem Applicator	115V AC	60	1.15
810010	Chem Applicator	12V DC	60	1.02

NOTE: These Units are designed to withstand many harsh chemicals. However, because compounds and concentrations of materials pumped through these Units are beyond the manufacturer's control, the manufacturer DOES NOT PROVIDE A WARRANTY on the wet-end of the pump.

## Upright Sprayer w/ Cart

Ideal for Greenhouse and Pest Control, has a 20 gallon polyethylene tank.



Shown with optional battery box

- 1.0 GPM SHURFLO pump
- 12V DC
- 60 PSI
- 24" trigger lance with adjustable nozzle
- 29', 3/8" hose
- Polyurethane-coated steel frame
- 10" inflated tires

Part No.	Description
268512	Sprayer w/ Cart
306625	Battery Box 6" x 8"

NOTE: These Units are designed to withstand many harsh chemicals. However, because compounds and concentrations of materials pumped through these Units are beyond the manufacturer's control, the manufacturer DOES NOT PROVIDE A WARRANTY on the wet-end of the pump.

## 910 Spot Spray Gun Assembly

High pressure trigger gun adapted to spot spray application.



- Durable & comfortable
- 12" plated steel lance
- 1/4" hose barb inlet
- #2 blue adjustable nozzle

Part No.	Description
352940	910 Spot Spray Gun Assembly

## Trigger Control Spray Lances

Excellent for low pressure chemical applications up to 150 psi. Available in either plastic or brass lance tube. Works well with neutral, alkaline or mild acid solutions.



- Steel trigger & service wrench
- Plastic valve body
- Brass needle plunger
- Filter screen in nozzle housing
- Standard 11/16" outlet thread for standard low pressure nozzle
- Cone nozzle adjusts 0 - 80°
- Accepts the adjustable cone nozzles or standard tip-jet nozzles (11/16 nozzle thread)
- 3/8" FPT inlet models allow unlimited flexibility in choice of hose barb sizes
- 24" lance – brass or plastic
- **Best Buy**

Part No.	Description
<b>Trigger Lance</b>	
266606	Brass w/o nozzle
266607	Plastic w/o nozzle
266603	Plastic w/blue nozzle
266610	Brass w/blue nozzle (below)
076700	Needle Valve and Seal Kit

Part No.	Description	Straight	80° Cone
<b>Adjustable Nozzle – GPM @ 40 psi / Adjust 0 - 80°</b>			
266611	#1 Yellow	.316	.156
266612	#2 Red	.545	.204
266613	#3 Blue	.720	.250

## Trigger Valves

Versatile hand-held trigger valves for chemical or water flow control.



- 1/2" FPT inlet/outlet
- Lock-on trigger loop
- 18.5 GPM
- 700 PSI

Part No.	Description
<b>Aluminum Body – SS/ BR Valve</b>	
266652	Trigger Valve - Viton
<b>Plastic body – SS/ BR Valve</b>	
266658	Trigger Valve - Viton
266659	Trigger Valve - Buna

## Spraymax Trigger Gun

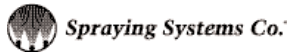
For Your Pest Control Customers.



- 1000 PSI
- 200° temperature
- Compare To JD-9, Mag-1, Robco, & Ges
- Adjusts from fine mist to straight stream
- Drip-free shutoff
- Crafted for all-day comfortable use
- Larger trigger for 4-fingered grip

Part No.	Description
266693	With 1/2" Inlet
266693X	With 3/4" Garden Hose Inlet
268047	Repair kit

## Trigger Jet Spray Lances



Low pressure chemical application lance will tolerate mild acid solutions.



- Diaphragm shut off valve
- Hand grip trigger control
- Plastic lance tube resistant to acids and agricultural chemicals
- 150 PSI
- Excellent for mild acids or alkali chemicals
- Polypropylene body EPDM seals STD
- 11/16" - nozzle connect outlet

Part No.	Description
<b>Trigger Lance</b>	
302250V	24" 1/4" FPT inlet, Viton
302251	24" 1/4" HB inlet, EPDM
302252V	3/8" Hose Barb, Viton
<b>Trigger Value Only</b>	
302254V	3/8" HB Inlet/ 11/16" Outlet, Viton
302255V	1/4" HB Inlet/ 11/16" Outlet, Viton
302256V	1/4" FPT Inlet/ 11/16" Outlet, Viton
<b>Parts &amp; Accessories – Trigger Jet Lance</b>	
302258	Adapter, 11/16" x 11/16" PP
302259	24" Lance Tube only
302260	24" Lance Tube w/ Seals & Fittings
<b>Trigger Jet Nozzles* – Polypropylene adjust from 0° to 60° Cone</b>	
302263	Yellow Core(x 3), .23 GPM/ 60 psi
302265	Green Core (x 5), .37 GPM/ 60 psi
302266	Red Core (x 6), .45 GPM/ 60 psi
302268	Gray Core (x 8), .57 GPM/ 60 psi
302272	Brown Core (x 12), .84 GPM/ 60 psi
302274	Orange Core (x 18), 1.2 GPM/ 60 psi

## Turbine Series Guns

Forged brass housings — Stainless steel lances — Mist cone to straight stream adjustment — On/Off control — Lock-on trigger — 1/2" MPT inlet Viton seals — Up to 1200 psi at 140° Fahrenheit.



- 1200 PSI
- 1/2" BSP male inlet
- Weighs only 4 lbs
- Standard 15 x 1 LRT (4.5mm)
- 62 ft reach, straight stream @ 850 PSI
- 31.5 ft reach, full cone @ 850 PSI

Part No.	Description	Length
266680	Long Range Turbine	27-1/2"
266676	Turbine	26-1/2"

## 15 x 1 Long Range Tip - Stainless Steel

Best Used with **Long Range Turbine Gun**.



- 15 x 1 long range tip
- Stainless Steel body
- 850 psi
- 24.4 GPM
- 77 ft max throw range

Part No.	Orifice Dia (mm)	Part No.	Orifice Dia (mm)
266706	3.5	266709	5.0
266707	4.0	266710	5.5
266708	4.5	266711	6.0
		266712	7.0

## Low Flow Brass Pressure Regulator



- For sprayers pumping up to 5 GPM
- Durable & strong brass construction
- Stainless steel spring
- Positive Viton seal to prevent leakage
- Knurled locknut for easy adjustment
- 1/2" MPT inlet
- 1/2" FPT outlet
- 120°F temperature
- 10.3 oz weight

Part No.	Description
462207	200 - 650 psi
462208	0 - 300 psi

## Brass Pressure Regulator

Durable and Strong.



- For sprayers pumping up to 15 GPM
- Adjustable pressure ranges
- Stainless steel spring
- Tee-handle adjustment screw
- 3/4" MPT inlet
- Knurled locknut for ease of locking in adjustment
- 3/4" FPT outlet
- 120°F temperature
- 10.3 oz weight

Part No.	Description
462217	0 - 300 psi
462218	300 - 700 psi

## Heavy-Duty Swivels

Live swivels help prevent twisted and tangled hose.



266701      266700

- Brass body & SS bolt
- Viton seals
- 600 PSI
- 1/2" MPT inlet & 1/2" outlet

Part No.	Description
266700	Swivel 1/2" M x F
266701	Swivel 1/2" M x 3/4" FGH

## Nylon Pressure Regulator

Maximum Corrosion Resistance.



- Built to handle up to 15 GPM
- Stainless steel spring
- Positive Viton seal prevents leakage & provides the best chemical resistance
- Knurled locknut for ease of locking in adjustment
- Tee-handle adjustment screw
- Choice of 1/2" or 3/4" inlet/outlet
- Male inlet/ female outlet
- 120°F temperature
- 4 oz weight

Part No.	Inlet	Outlet	Adjustable Pressure Range
462212	1/2"	3/4"	0 - 250 psi
462202	3/4"	3/4"	0 - 250 psi
462213	3/4"	3/4"	0 - 400 psi



## Bulkhead Fittings



- Black polypropylene
- Double threaded w/EPDM gasket
- Opening same size as outside diameter

Part No.	FPT	Hole Dia
141232	1/2"	1-5/8"
141234	3/4"	1-5/8"
140430	3/4"	1-3/4"
140432	1"	1-3/4"
141236	1"	2-1/2"
141238	1-1/4"	2-1/2"
141240	1-1/2"	2-1/2"
140434	1-1/2"	3"
140436	2"	3"
141242	2"	3-1/8"

### Gaskets for Above

141233	Fits 1/2", 3/4"
141237	Fits 1", 1-1/4", 1-1/2"
141243	Fits 2"

## Brass Bulkhead / Tank Fittings



- Use to drain or remove liquids from tanks, drums, etc.
- Heavy-duty brass
- Includes nut and aluminum grip washer

Part No.	Overall Length	Mounting Hole Dia
140417	1/8" x 1.5"	5/8"
140419	1/4" x .94"	3/4"
140420	1/4" x 1.5"	3/4"
140421	3/8" x 1.3"	1"
140422	1/2" x 1.5"	1-1/8"

NOTE: Installation requires access to inside of tank.

## Diaphragm Check Valves - Nylon

For drip free spraying.



- 125 PSI
- 2 GPM
- Nylon body, polypropylene end cap - EPDM - diaphragm
- 10 PSI opening pressure
- 1/4" MPT inlet, 11/16" - 16 male outlet nozzle thread
- Spring-backed diaphragm for positive action

Part No.	Description
310851	Diaphragm Check Valves

## Plastic Fittings

For Water and Chemical Supply Lines. Ideal for use with most alkaline-based detergents, most agricultural chemicals, ethanol, and most ammonium and sodium-based compounds

- 150 PSI
- 140°F max @ 90 PSI
- 90°F max @ 150 PSI

**DO NOT USE ... Polypropylene for:** Gasoline, Nitric Acid, Trichlorethylene, Toulene, Aromatic Hydrocarbons or Kerosene. Polypropylene "P" - Black/ Glass Reinforced

**DO NOT USE ... Nylon for:** Hydrochloric Acid, Chlorine, Fluorine, Nitric, Xylene or Phosphoric or Sulfuric Acids. Nylon 6/6 "N" White/Natural color



Part No. Poly	Part No. Nylon	Barb x MPT
<b>Hose Barbs - Barb x MPT</b>		
141077P	141102N	1/4" x 1/4"
141078P	141103N	3/8" x 1/4"
141080P	141105N	1/4" x 3/8"
141081P	141106N	3/8" x 3/8"
141084P	141107N	1/2" x 3/8"
	141110N	3/8" x 1/2"
	141111N	1/2" x 1/2"
	141117N	1/2" x 3/4"
	141108N	5/8" x 3/8"
141086P	141112N	5/8" x 1/2"
	141118N	5/8" x 3/4"
	141113N	3/4" x 1/2"
	141119N	3/4" x 3/4"
	141120N	1" x 3/4"



<b>90° Barb x MPT Elbows</b>		
141125P		1/4" x 1/4"
141126P		3/8" x 1/4"
141127P		1/2" x 1/4"
141130P		1/4" x 3/8"
141131P	141131N	3/8" x 3/8"
141136P	141136N	3/8" x 1/2"
141132P		1/2" x 3/8"
141137P	141137N	1/2" x 1/2"
141138P		5/8" x 1/2"
141139P		3/4" x 1/2"
141141P	141141N	1/2" x 3/4"
141142P		5/8" x 3/4"
141143P	141143N	3/4" x 3/4"



<b>HEX Nipple - MPT x MPT</b>		
141184P		1/4" x 1/4"
141185P		3/8" x 3/8"
141186P	141186N	1/2" x 1/2"
141187P	141187N	3/4" x 3/4"
	141191N	1/2" x 1/4"
141190P	141190N	1/2" x 3/8"
141193P		3/4" x 1/2"

<b>Street Elbow - MPT x FPT</b>		
141208N		1/4" x 1/4"

<b>Elbows - Barb x Barb</b>		
141214P		1/4" x 1/4"
141216P		3/8" x 3/8"

<b>Tees Barb x Barb x Barb</b>		
141201P		1/4" B x B x B
	141202N	1/4" B x B x B
141204P		3/8" B x B x B
	141205N	3/8" B x B x B
141207P		1/2" B x B x B
	141213N	1/2" B x B x B
141215P		3/4" B x B x B
	141216N	3/4" B x B x B

<b>"Push-On" Hose Barbs - (Normally does not require clamps)</b>		
141301N		1/4" B x 1/4" MPT
141305N		1/4" B x 1/4" FPT

