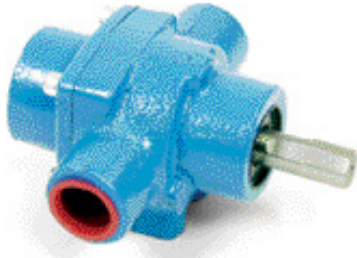


## Hypro Roller Pumps

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.	Original No.	Model No.	Housing	Rotation	Shaft dia	No. of Rollers	Seals
8.702-278.0	100814	4001C	CI	CW	5/8"	4	V
8.702-281.0	100817	4101C	CI	CW	5/8"	4	V
8.702-259.0	100778	4101N	N	CW	5/8"	4	V
8.702-280.0	100815	4001XL	SL	CW	5/8"	4	V
8.702-261.0	100784	6500C	CI	CCW	5/8"	6	V
8.702-263.0	100784R	6500C-R	CI	CW	5/8"	6	V
8.702-262.0	100784N	6500N	N	CCW	5/8"	6	V
8.702-264.0	100784X	6500XL-R	SL	CW	5/8"	6	V
8.702-282.0	100819	7560C	CI	CCW	15/16"	8	V
8.702-283.0	100819R	7560C-R	CI	CW	15/16"	8	V
8.702-286.0	100823R	7560N-R	N	CW	15/16"	8	V
8.700-082.0	069665	Shaft Adapter (5/8" to 3/4")					

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	
	GPM	HP	GPM	HP	GPM	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 6500

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

Pressure in PSI	GPM @1100 RPM		GPM @1400 RPM		GPM @1800 RPM	
	GPM	HP	GPM	HP	GPM	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 4101

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

Pressure in PSI	GPM @1100 RPM		GPM @1400 RPM		GPM @1800 RPM	
	GPM	HP	GPM	HP	GPM	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	0.82	.82	5.7	0.92
150	3.4	.78	4.40	.96	5.4	1.08

### Series 7560

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

Pressure in PSI	GPM @1100 RPM		GPM @1400 RPM		GPM @1800 RPM	
	GPM	HP	GPM	HP	GPM	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:

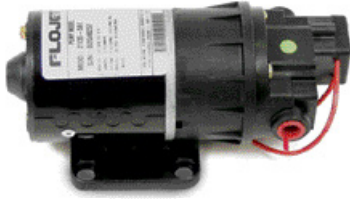
- 1 GPM (open)
- 35 PSI (#8 tip)
- 3/8" hose barb inlet/outlet
- Self-priming to 2.5 feet
- Operating temperature 40° - 110°F
- Liquid temperature 110°F max
- 5 Amp fuse
- 1.3 lbs dry weight

### 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.	Original No.	Description	Open Flow	Max PSI	Power
8.702-326.0	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.	Original No.	Flojet Model No.	Power	Max Flow	Max PSI	Ports	Diaphragm*	Valves*
8.702-325.0	100879	2135-561	12V DC	1.48	60	3/8" FPT	B	V
8.702-328.0	100884	4300-142A	12V DC	3.30	40	1/2" Barb	S	E
8.702-312.0	100863	2100-032	115V	1.85	50	3/8" FPT	S	S
8.702-337.0	100895	2100-022A	115V	1.85	50	3/8" FPT	V	V
8.702-331.0	100888	4300-042	115V	3.70	35	1/2" Barb	S	E
8.702-329.0	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 WOOD GROUP COMPANY

1.00 - 3.8 GPM integrated pump motor units. Powered by 12V DC or 115V AC power. Pumps are standard with Santoprene<sup>®</sup> 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.	Original No.	Surflo Model No.	Power	Max Flow	Max PSI	Ports	Diaphragm*	Valves*
8.702-294.0	100841	8000-541-236	Demand 12V DC	1.0	60	3/8" FPT	S	V
8.702-304.0	100854	8000-343-236	Demand 12V DC	1.2	60	3/8" FPT	V	V
8.702-300.0	100850	8000-543-236	Demand 12V DC	1.4	60	3/8" FPT	S	V
8.702-296.0	100844	8000-543-238	Demand 12V DC	1.4	100	3/8" FPT	S	V
8.702-335.0	100893	8030-813-239	Demand 12V DC	1.5	150	3/8" FPT	S	V
8.702-302.0	100852	8002-793-238	Demand 12V DC	1.7	100	3/8" FPT	S	E
8.702-311.0	100862	8000-532-256	Demand 115V	1.0	60	3/8" FPT	S	V
8.702-307.0	100857	8000-033-236	Demand 115V	1.0	60	3/8" FPT	V	V
8.702-306.0	100856	8000-533-236	Demand 115V	1.4	60	3/8" FPT	S	V
8.702-334.0	100892	8000-812-288	Bypass 115V	1.4	100	3/8" FPT	S	V
8.702-308.0	100858	8000-813-238	Demand 115V	1.6	100	3/8" FPT	S	V
8.702-338.0	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

8.702-305.0	100855	2088-343-135	Demand 12V DC	3.0	50	1/2"-14M	S	V
8.702-303.0	100853	2088-313-145	Demand 12V DC	3.6	50	1/2"-14M	S	V
8.702-301.0	100851	2088-712-244	Demand 12V DC	3.8	50	1/2"-14M	S	E
8.702-310.0	100861	2088-394-154	Demand 115V	3.2	40	1/2"-14M	S	V

4111 - Double Head

8.702-339.0	100899	4111-035	Demand 12V	7.0	50	1/2"-14M	S	V
-------------	--------	----------	------------	-----	----	----------	---	---

166 - Air Drive

8.702-317.0	100870	166-200-56	Demand AIR	2.0	60	3/8" Barb	E	E
8.702-318.0	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.

# AG SPRAY ACCESSORIES

## 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.



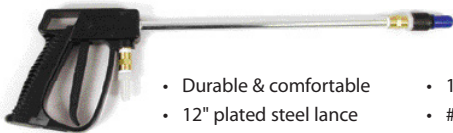
- Diaphragm pump units
- 60 psi pressure
- Choice of 12V DC or 110V DC
- 100 foot hose
- Adjustable nozzle for cone mist to straight stream
- Durable Santoprene & Viton wetted parts

Part No.	Original No.	Description	Motor	PSI	GPM
<b>Wall Mount / Cabinet Sprayer</b>					
8.906-090.0	810020	Chem Applicator 115V AC		60	1.15
8.906-089.0	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.

## 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.	Original No.	Description
8.904-088.0	352940	910 Spot Spray Gun Assembly

See page 25 for our extensive tubing offering

## 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)
- 24" lance - brass or plastic
- Best Buy

Part No.	Original No.	Description
<b>Trigger Lance</b>		
8.902-777.0	266606	Brass w/o nozzle
8.902-778.0	266607	Plastic w/o nozzle
8.708-977.0	266603	Plastic w/ red nozzle
8.708-978.0	266610	Brass w/ red nozzle (below)
8.700-493.0	076700	Needle Valve and Seal Kit

Part No.	Original No.	Description	80° Straight	Cone
<b>Adjustable Nozzle - GPM @ 40 psi / Adjust 0 - 80°</b>				
8.708-979.0	266611	#1 Yellow	.316	.156
8.708-980.0	266612	#2 Red	.545	.204
8.708-981.0	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.	Original No.	Description
<b>Aluminum Body - SS/ BR Valve</b>		
8.708-982.0	266652	Trigger Valve - Viton
<b>Plastic body - SS/ BR Valve</b>		
8.708-983.0	266658	Trigger Valve - Viton
8.708-984.0	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.	Original No.	Description
8.708-995.0	266693	With 1/2" Inlet
8.902-783.0	266693X	With 3/4" Garden Hose Inlet
8.709-028.0	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.	Original No.	Description
<b>Trigger Lance</b>		
8.709-182.0	302250V	24" 1/4" FPT inlet, Viton
8.709-183.0	302251	24" 1/4" HB inlet, EPDM
8.709-184.0	302252V	3/8" Hose Barb, Viton
<b>Trigger Value Only</b>		
8.709-185.0	302254V	3/8" HB Inlet/ 11/16" Outlet, Viton
8.709-186.0	302255V	1/4" HB Inlet/ 11/16" Outlet, Viton
8.709-187.0	302256V	1/4" FPT Inlet/ 11/16" Outlet, Viton
<b>Parts &amp; Accessories – Trigger Jet Lance</b>		
8.709-188.0	302258	Adapter, 11/16" x 11/16" PP
8.709-189.0	302259	24" Lance Tube only
8.709-190.0	302260	24" Lance Tube w/ Seals & Fittings
<b>Trigger Jet Nozzles* – Polypropylene adjust from 0° to 60° Cone</b>		
8.709-192.0	302263	Yellow Core(x 3), .23 GPM/ 60 psi
8.709-193.0	302265	Green Core (x 5), .37 GPM/ 60 psi
8.709-194.0	302266	Red Core (x 6), .45 GPM/ 60 psi
8.709-195.0	302268	Gray Core (x 8), .57 GPM/ 60 psi
8.709-196.0	302272	Brown Core (x 12), .84 GPM/ 60 psi
8.709-197.0	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.	Original No.	Description	Length
8.708-990.0	266680	Long Range Turbine	27-1/2"
8.708-989.0	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
- SS body
- 850 psi
- 24.4 GPM
- 77 ft max throw range

Original No.	Part No.	Orifice Dia (mm)	Original No.	Part No.	Orifice Dia (mm)
8.708-998.0	266706	3.5	8.709-001.0	266709	5.0
8.708-999.0	266707	4.0	8.709-002.0	266710	5.5
8.709-000.0	266708	4.5	8.709-003.0	266711	6.0
			8.709-004.0	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.	Original No.	Description
8.712-553.0	462207	200 - 650 psi
8.712-554.0	462208	0 - 300 psi

## Brass Pressure Regulator

Durable and Strong.

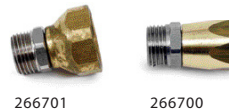


- For sprayers pumping up to 15 GPM
- Adjustable pressure ranges
- Stainless steel spring
- Tee-handle adjustmentscrew
- 3/4" MPT inlet
- Knurled locknut for ease of locking in adjustment
- 3/4" FPT outlet
- 120°F temperature
- 10.3 oz weight

Part No.	Original No.	Description
8.712-557.0	462217	0 - 300 psi
8.712-558.0	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.	Original No.	Description
8.708-996.0	266700	Swivel 1/2" M x F
8.708-997.0	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.	Original No.	Inlet	Outlet	Adjustable Pressure Range
8.712-555.0	462212	1/2"	3/4"	0 - 250 psi
8.712-552.0	462202	3/4"	3/4"	0 - 250 psi
8.712-556.0	462213	3/4"	3/4"	0 - 400 psi