

Admiral Diaphragm Pumps

Admiral Series 290 - Duplex



- 290 psi max pressure
- 650 RPM
- 5/8" suction & discharge barb
- Weight: 12.4 lbs
- Pressure regulator – standard feature
- APC 20 - with two 3/8" outlets, 5/8" bypass barb outlet and manual dump



Duplex 4 GPM or 6.9 Pump with 3/4" gear box, factory installed regulator, 3/4" hollow shaft. Ready to direct mount to 3 - 5.5 HP engines.

100500	2D-2904-G3-C, Duplex 4.0
100505	2D-2906-G3-C, Duplex 6.9

Admiral Series 580 - Duplex



- Max pressure 580 psi
- 600 RPM
- Suction barb 1 1/4"
- Discharge fitting 1/2" MPS



Duplex 13.4 GPM Pump – Flat faced, factory installed mounting rails, ready to accept pulleys or shaft kits.

Duplex 15.7 GPM Pump – double shaft (flat shaft/ PTO) factory installed mounting rails, ready to accept pulleys/ shafts or PTO drive.

100530	2D-5813-SR, Duplex 13.4
100545	2D-5815-PTO/SR, Duplex 15.7

Admiral Series 580 - Triplex Medium Pressure



- 580 psi max pressure
- 550 RPM rated speed
- 1/2" MPS discharge fitting
- 100°F max temperature
- Excellent chemical resistance
- Triplex design for smooth outlet pressure without pulsation
- Pressure limited by engine selection – limited by engine size



Triplex 8.7 GPM Pump – flat faced, factory installed mounting rails, ready to accept pulleys or shaft kits.

100520	3D-5808-SR
--------	------------

Admiral Diaphragm Pumps - continued



Triplex 8.7 GPM Pump – 3/4" gear box, factory installed regulator, 3/4" hollow shaft, ready to direct mount to 4 - 6.5 HP engine.

100524	3D-5808-G3-C
--------	--------------

Triplex 10.5 GPM Pump – flat-faced shaft, factory installed mounting rails, ready to accept pulleys or shaft kits.

100515	3D-5810-SR
--------	------------

Triplex 10.5 GPM Pump – 3/4" gear box, factory installed regulator, 3/4" hollow shaft, ready to direct mount to 4-6.5 HP engine.

100517	3D-5810G3-C
--------	-------------

Triplex 14.2 GPM Pump – double shaft, (PTO/ flat shaft), factory installed mounting rails, ready to accept pulleys or shaft kits.

100535	3D-5814-PTO/SR
--------	----------------

Triplex 18.8 GPM Pump – double shaft, (PTO/ flat shaft), factory installed mounting rails, ready to accept pulleys or shaft kits.

100550	3D-5818-PTO/SR
--------	----------------

Admiral Series 725 - High Pressure



- 725 psi max pressure
- 550 RPM rated speed
- 100°F max temperature
- 3/4" MPT outlet port
- 1-1/4" inlet port

Triplex 29 GPM Pump – double shaft (PTO/ flat shaft), factory installed mounting rails, ready to accept pulleys, shaft or PTO drive.

Fourplex 39 GPM Pump – double shaft, factory installed mounting rails, ready to accept pulleys or PTO drive.

100570	3D-7229-PTO/SR
100585	4D-7239-PTO/PTO

APC Pressure Regulators

APC 20



APC 20 Regulator – polypropylene body, 0-290 psi regulation, 8 GPM direct mounts on ADMIRAL series 290 pumps. Has two - 3/8" outlets, 5/8" bypass barb outlet and manual dump valve.



ARK-20 Remote Regulator Mounting Kit – used with APC-20 Regulator. Allows regulator to be mounted away from the pump.

100010	APC 20
100028	ARK 20 - Mounting Kit

APC 40/2, 50/2, 40/3 & 50/3



APC 40/2 Low Profile – 0-725 psi regulation, 24 GPM flow – Direct mounts to ADMIRAL series 580 & 725 pumps. Has two - 1/2" valve-controlled outlets, pressure gauge, 3/4" bypass barb and manual dump valve.



APC 50/2 Vertical – Same specifications as APC 40/2, but valves are vertically aligned.

APC 40/3 Low Profile Pressure Regulator Valve/ Pressure Gauge – same as APC 40/2, but has **three** valve-controlled outlets.

APC 50/3 Vertical Mount – Same as APC 50/2 except has **three** valve-controlled outlets.



APC 55/3 Pressure Regulator – 0-725 psi regulation to 48 GPM max flow, low profile, for ADMIRAL series 580 & 725 pumps. Three individually controlled outlets, 1/2" hose barb, 1" bypass hose barb, manual dump valve, pressure gauge.



Regulator Remote Mounting Kits

ARK 40/50/55-S – 3/4" MP straight Inlet

ARK 40/50/55 .75-90° – 3/4" MP 90° Inlet

100015	APC 40/2
100016	APC 40/3
100020	APC 50/2
100021	APC 50/3
100024	APC 30/OL

Regulator Remote Mounting Kits

100030	ARK 40/5-S
100033	ARK 40/5-90°
100035	ARK 40/50/55-S
100038	ARK 40/50/55 .75-90°

Solid Shaft Kits

Includes solid shaft with 6 hole mounting flange and 3 attachment bolts. Attaches to "flat face" diaphragm pump crank shaft.



100069	ASK .75 - 3/4"
100071	ASK 1.0 - 1"
100073	ASK 1.375 - PTO

PTO Spline Bushing

Taper H Bushing to fit Browning series. "H" Suffix pulleys/ sheaves for mounting on pump PTO spline shaft.



376338	Pulley Bush spline 1-3/8"
---------------	---------------------------

Gear Drives

AGR-55 - For ADMIRAL Series 580 Pumps. 5:5/1 Gear Box for direct mount to standard 3 - 6.5 HP Gas Engine with 3/4" keyed shaft & SAE bolt pattern.

AGR-60 - For ADMIRAL Series 580 Pumps. 6:1 Gear Box for direct mount to standard 8-18 HP Gas Engine (1" diameter keyed shaf & SAE bolt pattern)



100055	AGR-55, 3/4"
100060	AGR-60, 1"

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 - Hypro

Series 4001

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

Pressure in PSI	GPM @1100 RPM	HP	GPM @1400 RPM	HP	GPM @1800 RPM	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	HP	GPM @1400 RPM	HP	GPM @1800 RPM	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 6500

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

Pressure in PSI	GPM @1100 RPM	HP	GPM @1400 RPM	HP	GPM @1800 RPM	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	HP	GPM @1400 RPM	HP	GPM @1800 RPM	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 max flow (open)
- 35 psi max pressure (#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

	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 WESCO 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	By-Pass	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
--------	----------	--------	-----	-----	----	----------	---	---

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

	Motor	PSI	GPM
Wall Mount / Cabinet Sprayer			
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.

Estate Sprayers

Excellent chemical applicator to apply insecticides, herbicides, and fertilizers for groundskeepers and home owners. 12 volt sprayers are perfect for operation from ATV or lawn tractor electrical systems.



- 14 or 25 gallon spray tank with integrated hose storage
- Switch control diaphragm pump for automatic trigger-controlled on/off action
- 1.0 GPM @ 60 psi
- 75' reinforced PVC tubing
- 24" spot spray lance with 0-60° cone spray nozzle

268514	14 gal Estate Sprayer only	12V DC
268525	25 gal Estate Sprayer only	12V DC
268530	14 gal Estate Sprayer only	115V
268535	25 gal Estate Sprayer only	115V
268484	Cart Assembly for 14 gal Sprayer	
268495	Cart Assembly for 25 gal Sprayer	
268529	Spray Boom Single nozzle 8 ft spray pattern for cart	
268519A	48" Boom (fits carts, above)	

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.

Backpack Sprayer

So convenient, you'll wonder how you managed without one!



- 60-120 psi max pressure
- 4 gal polyethylene tank
- Piston action pump
- Viton seals
- 24" trigger lance with lock
- 42" hose
- 5 quick-change nozzle tips
- 4" fill cap with strainer
- Padded shoulder straps
- Molded rubber hand grip
- Weight 12 lbs
- **Repair parts available**

268475 Backpack Sprayer

Upright Sprayer with Cart

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



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

268512 Sprayer w/ Cart

306625 Battery Box 6" x 8"

Shown with optional battery box

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.

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**

Trigger Lance

266606	Brass w/o nozzle	
266607	Plastic w/o nozzle	
266603	Plastic w/blue nozzle	
266610	Brass w/blue nozzle	
076700	Needle Valve and Seal Kit	

		Straight	80° Cone
Adjustable Nozzle - GPM @ 40 psi / Adjust 0 - 80°			
266611	#1 Yellow	.316	.156
266612	#2 Red	.545	.204
266613	#3 Blue	.720	.250

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 max pressure
- Excellent for mild acids or alkali chemicals
- Polypropylene body EPDM seals STD
- 11/16" - nozzle connect outlet

Trigger Lance

302250V	24" 1/4" FPT inlet, Viton
302251	24" 1/4" HB inlet, EPDM
302252V	3/8" Hose Barb, Viton

Trigger Value Only

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

Parts & Accessories – Trigger Jet Lance

302258	Adapter, 11/16" x 11/16" PP
302259	24" Lance Tube only
302260	24" Lance Tube w/ Seals & Fittings

Trigger Jet Nozzles* – Polypropylene adjust from 0° to 60° Cone

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

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 max flow
- 700 psi max pressure

Aluminum Body, SS/ BR Valve

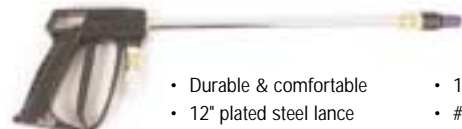
266652	Trigger Valve - Viton
---------------	-----------------------

Plastic body, SS/ BR Valve

266658	Trigger Valve - Viton
266659	Trigger Valve - Buna

910 Spot Spray Gun Assembly

High pressure trigger gun adapted to spot spray application.



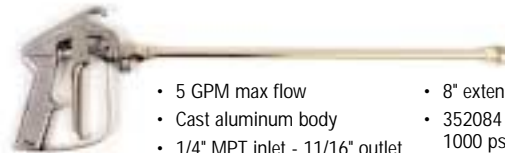
- Durable & comfortable
- 12" plated steel lance
- 1/4" hose barb inlet
- #2 blue adjustable nozzle

352940	910 Spot Spray Gun Assembly
---------------	-----------------------------

Gun Jet Model 23



Low pressure trigger gun used for coldwater washing and spraying applications.



- 5 GPM max flow
- Cast aluminum body
- 1/4" MPT inlet - 11/16" outlet (Tip-Jet compatible)
- 200°F max temperature
- 8" extension lance
- 352084 – 1000 psi max pressure
- 352096 – 250 psi max pressure

352084S	Gun Jet, Gun only
352096S	Gun Jet 23, w/ 18" Extension

Gun Jet Model 43H



- 800 psi max pressure
- 15 GPM max flow
- 200°F max temperature
- Cast aluminum
- 1/2" inlet and outlet
- 12" Extension Lance

352077S	Gun Jet Model 43H
----------------	-------------------

Aluminum Spray Guns

Operating flexibility of the spray gun makes it a natural for spot-spraying fields, livestock, roadsides, fence rows, trees and various cleaning and sanitizing applications (poultry houses, etc.).



- Adjustable from hollow cone spray to straight stream
- Knob control adjustment threads are out of liquid flow, reduces buildup & seizure. Knob control of On/Off & flow
- 3/4" Garden Hose Inlet
- Tough but lightweight aluminum
- Nozzle assembly (washer, cap, #5 orificed disc) included

266354	22" Spray Gun
---------------	---------------

Spraymax Trigger Gun

For Your Pest Control Customers.



- Compare To JD-9, Mag-1, Robco, & Ges
- Adjusts from fine mist to straight stream
- Drip-free shutoff
- Wide choice of tips and nozzles
- Crafted for all-day comfortable use
- Larger trigger for 4-fingered grip
- 1000 psi max pressure
- 200° max temperature

266693	With 1/2" Inlet
266693X	With 3/4" Garden Hose Inlet
268047	Repair kit

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.

Long Range Turbine Ideal for long-range roof and treetop spraying or fire fighting applications



- 1200 psi max pressure
- 27-1/2" length
- 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

266680 Long Range Turbine

Turbine Perfect for general spraying applications requiring a reach from ground level to forty feet in height: pretreating, fence rows, fruit trees.



- 1200 psi max pressure
- 26-1/2" long
- 1/2" BSP male inlet
- Weighs 3.5 lbs
- Standard 15 x 1 cone spray tip (2.3mm)
- 46 ft reach, straight stream @ 850 psi

266676 Turbine

Light Turbine Economical. Good for same applications as Turbine gun.



- 1200 psi max pressure
- 24" long
- Triggerless front lever
- Lower cost
- Front lever controls on/off and spray pattern adjustment
- Standard 15 x 1 cone spray tip (2.0mm)

266682 Light Turbine

Note: Optional tips on replacement and additional nozzles available.

Varamax "Turbo 400"

Straight Stream to Full Cone fine mist.



- High impact plastic handle and nozzle guard
- Stainless steel & brass valve and tube
- Viton seals
- Easy one-hand operation of On/Off and spray pattern
- 700 psi max pressure
- 2.3mm nozzle (see chart below)
- 16" length
- 1/2" BSP male inlet
- Weight 1.3 lbs

266692 Varamax Turbo 400

266691 With "Live" swivel inlet

Lever Action Spray Lances



- Forged brass bodies, stainless steel lances
- Dial adjusted spray pattern (from 60° cone to straight stream)
- 1/2" MPT inlet
- No-drip nozzle valve (Std 7 x 3, 1.5 mm ceramic nozzle)
- 600 psi max pressure
- 3.5 GPM max flow

266667 24" Lance

266668 40" Lance

15 x 1 Cone Spray Tip – Ceramic



- 15 x 1 cone spray tip
- Ceramic or carbide insert
- Brass body
- 850 psi max pressure
- 24.4 GPM max flow
- 46 ft max throw range

Use with **VaraMax Wash Pistols**, or **Turbine & Light Turbine Spray Guns**.

Part No. Size	Orifice Dia (mm)	Performance	200 PSI Cone/Straight	350 PSI Cone/Straight	500 PSI Cone/Straight	600 PSI Cone/Straight	700 PSI Cone/Straight	850 PSI Cone/Straight
266716	1.5	GPM	1.14/1.26	1.48/1.70	1.80/2.00	1.90/2.20	2.00/2.24	2.20/2.50
		Max Throw(ft)	9.20/21.50	10.30/25.20	11.20/28.00	12.00/31.80	12.30/32.30	13.10/34.30
266717	1.8	GPM	1.50/1.80	1.90/2.40	2.30/2.90	2.60/3.30	2.70/3.30	3.10/3.60
		Max Throw(ft)	9.80/24.30	11.30/27.40	12.20/29.70	13.50/33.60	14.50/35.50	15.40/39.20
266718	2.0	GPM	1.70/2.20	2.10/3.10	2.70/3.60	3.00/4.00	3.30/4.20	3.60/4.50
		Max Throw(ft)	10.80/26.10	12.30/30.70	13.20/34.60	14.90/38.00	15.00/38.00	16.70/42.50
266719	2.3	GPM	2.10/2.70	2.70/3.70	3.34/4.50	3.80/4.90	3.90/5.10	4.20/5.80
		Max Throw(ft)	11.40/29.00	12.90/33.90	14.80/37.90	16.60/41.00	17.50/42.00	19.00/45.70

15 x 1 Cone Spray Tip – Carbide



- 15 x 1 cone spray tip
- Ceramic or carbide insert
- Brass body
- 850 psi max pressure
- 24.4 GPM max flow
- 46 ft max throw range

Use with **VariMax Wash Pistols**, or **Turbine and Light Turbine Spray Guns**.

Part No. Size	Orifice Dia (mm)	Performance	200 PSI Cone/Straight	350 PSI Cone/Straight	500 PSI Cone/Straight	600 PSI Cone/Straight	700 PSI Cone/Straight	850 PSI Cone/Straight
266720	2.5	GPM	2.30/3.20	3.00/4.30	3.70/5.10	4.00/5.90	4.30/6.00	4.90/6.80
		Max Throw(ft)	11.10/27.70	12.30/31.60	13.20/35.60	15.60/40.00	16.10/40.00	18.00/44.10
266721	3.0	GPM	2.90/4.60	3.70/6.30	4.80/7.50	5.20/8.40	5.40/8.60	6.00/9.60
		Max Throw(ft)	11.70/29.20	12.90/33.90	13.80/36.20	15.60/40.00	16.20/42.00	17.00/44.10
266722	3.5	GPM	3.20/6.00	4.40/7.90	5.30/9.50	6.00/10.70	6.40/10.40	7.20/13.20
		Max Throw(ft)	11.70/29.20	12.90/34.90	13.80/15.60	15.60/41.00	16.20/42.00	17.00/45.80

15 x 1 Long Range Tip – Stainless Steel



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

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

Part No. Size	Orifice Dia (mm)	Performance	200 PSI Cone/Straight	350 PSI Cone/Straight	500 PSI Cone/Straight	600 PSI Cone/Straight	700 PSI Cone/Straight	850 PSI Cone/Straight
266706	3.5	GPM	5.8/6.0	7.9/8.2	9.8/9.9	10.7/11.1	11.2/11.6	12.40/12.80
		Max Throw(ft)	13.6/36.2	19.0/41.2	22.6/45.3	25.5/50.0	27.0/51.0	28.80/54.00
266707	4.0	GPM	7.0/7.3	9.6/9.9	11.6/12.0	12.9/13.5	13.6/14.1	15.00/15.60
		Max Throw(ft)	15.1/37.7	20.6/42.8	24.3/47.0	27.0/53.0	28.0/55.0	29.00/59.00
266708	4.5	GPM	8.2/8.9	11.1/12.0	13.4/14.5	15.0/16.3	15.7/17.0	17.40/18.90
		Max Throw(ft)	18.1/39.2	22.2/44.3	26.0/50.1	30.6/54.0	31.0/57.0	31.50/62.00
266709	5.0	GPM	9.8/10.2	13.3/13.8	16.0/16.7	18.0/18.7	18.9/19.5	20.80/21.60
		Max Throw(ft)	19.6/40.7	23.8/47.0	27.5/53.3	32.0/59.0	32.8/62.0	32.80/67.00
266710	5.5	GPM	10.7/11.5	14.4/15.6	17.4/18.8	19.6/21.0	20.4/22.0	22.60/24.40
		Max Throw(ft)	19.6/42.2	23.8/50.7	29.0/57.0	34.0/63.0	34.5/65.0	34.50/70.00
266711	6.0	GPM	11.5/12.6	15.6/17.1	18.8/20.6	21.0/23.2	22.0/24.2	24.40/26.90
		Max Throw(ft)	21.1/43.7	25.3/54.0	30.7/60.0	35.5/66.0	36.0/68.0	36.00/74.00
266712	7.0	GPM	11.5/13.5	15.6/18.4	18.8/22.2	21.0/25.0	22.0/26.0	24.40/29.00
		Max Throw(ft)	21.1/46.8	25.3/57.0	30.7/63.0	37.4/70.0	38.0/72.0	38.00/77.00

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 max temperature
- 10.3 oz weight

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 max temperature
- 10.3 oz weight

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 max pressure
- 1/2" MPT inlet & 1/2" outlet

266699	Swivel 1/2" M x M
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 max temperature
- 4 oz weight

	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

AG SPRAY ACCESSORIES

Victor SuperFlex 800 3000 PSI Yellow Hose



- 800 psi working pressure (2400 psi burst)
- 150°F max water temperature
- Smooth, easy clean, PVC cover
- Remains flexible - even at 35°F temperature
- Polyester cord reinforcement braid
- **Bright Safety Yellow**

Yellow	
3/8" Hose	
Hose Only	
150432	3/8" ID300' Coil (uncut)
150430	3/8" IDCut Length /per foot (minimum 25' length)
Fitted Assemblies 3/8" MPT solid & swivel ends with hose bend guards both ends	
150439	50' SuperFlex 3/8"
150442	100' SuperFlex 3/8"
150444	150' SuperFlex 3/8"
150446	200' SuperFlex 3/8"

1/2" Hose	
Hose Only	
150452	1/2" ID 300' Coil
150450	1/2" ID Cut length /per foot
Fitted Assemblies 1/2" MPT solid & swivel ends and hose bend guards both ends	
150459	50' SuperFlex 1/2"
150462	100' SuperFlex 1/2"
150464	150' SuperFlex 1/2"
150466	200' SuperFlex 1/2"
150470	300' SuperFlex 1/2"

Victor Orange 600 Sprayer Hose & Ribbed PVC Sprayer Hose



Braid reinforced PVC hose designed specifically for AG/ Pest control spraying applications.



- Tough Ribbed Cover
- Color - Orange
- 600 psi max pressure
- Bulk Hose Standard in 300' Single Length Coils
- Resists Abrasion and UV Rays

Orange	Length	Working PSI	Approx wt lbs
3/8" Hose			
150630	300' Coil (Single, Uncut Length)		
150634	50' Length (Bulk)		
150636	100' Length (Bulk)		
150632	Per Foot (Minimum 25')		

1/2" Hose			
150601	300' Coil (Single, Uncut Length)		
150603	50' Length		
150606	100' Length		
150602	Per Foot (Minimum 25')		

3/4" Hose			
150660	300' Coil (Single, Uncut Length)		
150662	Per Foot (Minimum 25')		

Note: All Above Hoses Can Be Custom Fitted - with MPT Fittings, Male or Female Garden Hose Solid or Swivel Fittings, with or without Bend Restrictors, etc. Combinations Are Too Numerous To List - CALL FOR CUSTOM ASSEMBLY PRICING!

Garden Hose - APEX Quality



The Essential Product for Pressure Washing.



- Rated for cold water use
- Reinforced hoses for flexibility & strength in all weather
- Assemblies complete with bend restrictor
- 5/8" or larger ID for full flow
- Choice of Commercial or Heavy-duty grade
- Commercial grade has machined octagonal "wrench tight" fittings

	Length	ID	Grade	Color
121315	50'	5/8"	Com	Gray
121319	100'	5/8"	Com	Gray
121332	50'	5/8"	HD	Lt. Green
121336	100'	5/8"	HD	Lt. Green
All Rubber Reinforced Hot Water (160°F) Hose				
121344	50'	5/8"	Com	Red
121348	50'	3/4"	Com	Red

Bulkhead Fittings



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

	FPT	Hole Dia
141232	1/2"	1-5/8"
141234	3/4"	1-5/8"
141236	1"	2-1/2"
141238	1-1/4"	2-1/2"
141240	1-1/2"	2-1/2"
141242	2"	3-1/8"

Extra 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

	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 max pressure
- 2 GPM max flow
- 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

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 max pressure
- 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



Poly	Nylon	Barb x MPT
Hose Barbs – Barb x MPT		
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"
90° Barb x MPT Elbows		
141125P	141125N	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"
HEX Nipple – MPT x MPT		
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"
Street Elbow – MPT x FPT		
	141208N	1/4" x 1/4"
Elbows – Barb x Barb		
141214P		1/4" x 1/4"
141216P		3/8" x 3/8"
Tees Barb x Barb x Barb		
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
"Push-On" Hose Barbs – (Normally does not require clamps)		
	141301N	1/4" B x 1/4" MPT
	141305N	1/4" B x 1/4" FPT



Plastic Tanks - Horizontal (Tanks Only)

Heavy duty units used extensively in the pest control, tree care and agricultural spray industries. Excellent for use with alkaline- or acidic-based cleaning chemicals.



- Rotational molded with ribbed side walls
- Ultraviolet-inhibited polyethylene for use inside or outside
- Gallonage markers molded in
- Complete with fill well and screw-on caps

	Gallons	Fillwell Dia	Width x Height	Length	Weight
118314*	14	5"	14.0" x 14"	31"	8.0 lbs
118323*	25	5"	18.0" x 18"	34"	13.0 lbs
118328	50	5"	19.0" x 20"	38"	22.5 lbs
118329	100	5"	30.0" x 26"	38"	41.5 lbs
118331	200	10"	36.5" x 35"	48"	76.0 lbs

**300 Gallon Tank has 1 stainless steel baffle to reduce wave/surge effect
* Spot sprayer tanks have molded hose/tubing holder and mounting pad for Shur Flo diaphragm pumps

Storage & Transport Tanks

Free-standing horizontal Bulk Storage Tanks



119004



119005



119007



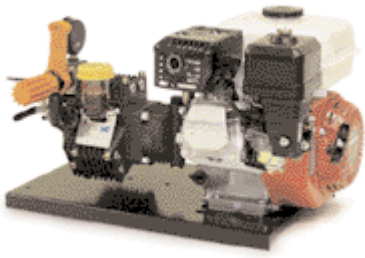
119008

	Gallons	Dia x Length	Weight (lbs)	Lid	Fitting
119004	125	32" x 40"	56	8"	1"
119005	165	32" x 51"	70	8"	1"
119007	335	44" x 56"	106	16"	2"
119008	535	48" x 78"	150	16"	2"

NOTE: It is extremely expensive to ship tanks because of large space requirements. Be sure to check rates before ordering.

All tanks are FOB Hospers, IA or Springdale, AR.

Power Sprayer Modules



**Allow 5 Days
for Shipment**

Ideal Units for spraying: cattle, fence rows, utility right of ways, fires, fruit and nut trees, lawns and ornamental trees and bushes. Power Sprayer Module Includes: Pump, Engine, Pressure Regulator and Base Unit.

ALL UNITS FULLY ASSEMBLED AND TESTED!

	GPM/PSI	HP	Engine	Engine/Gear Reduction	Pump
266204XRB	4.5/150	3.5	B&S	N/A	4 Roller/Cast Iron
266206XRB	5.0/250	3.5	B&S	6/1	6 Roller/Cast Iron
266210XRB	5.0/250	5.0	B&S IP	6/1	6 Roller/Cast Iron
266248XPH	9.8/400	5.5	Honda	6/1	Twin Piston
266269XDH	8.7/580	5.5	Honda	-	Triplex Diaphragm
266273XDB	10.5/475	5.0	B&S I/C Plus	*	Dual Diaphragm
266280XDH	13.5/550w	8.0	Honda R/S	*	Triplex Diaphragm
266287XDH	15.2/580w	11.0	Honda	-	Duplex/Diaphragm
266290XDH	18.0/580w	13.0	Honda	-	Triplex/Diaphragm

*Utilizes pump attached gear box & standard SAE Engine for integrated pumping module.
Recommended for mounting on 150 & 200 gallon tank skids

Tank Skid Packages (includes skid, tank, pickup/return lines, agitator & filter)

Tank and skid combinations are designed to allow any of the pump/ engine modules and hose reels purchased separately to be mounted on a skid. The entire skid can be mounted in a compact or full-sized pickup truck, or on a trailer.



- Tanks are UV resistant, high density polyethylene with 10" fill well and cover attached by high strength nylon web straps
- Frame is 1-1/2" welded square tubing, phosphatized & painted with tough urethane base paint
- Integrated mounting rails for pump/engine modules (purchased above)
- Hose reel stand located for convenient mounting and easy use

		Width x Height	Weight
266950	50 Gallon Tank/Skid	38" x 38"	100 lbs
266970	100 Gallon Tank/Skid	38" x 49"	115 lbs
266980	200 Gallon Tank/Skid	48" x 69"	212 lbs

Design a Spray System...Custom Sprayer

Wouldn't it be great to be able to design a power spraying unit to fit your customer's needs and location? Now you can! Design your own system with our Custom Planning Matrix below.

To use the **Custom Planning Matrix**, simply pick a PUMPING MODULE from the left hand column. These modules consist of an engine, pump and pressure regulator, with all the necessary plumbing mounted on a base plate. Then choose the size and configuration of tank required from the Tanks & Skids selection in the right column. Intersect both columns to obtain the complete unit part number.

The Pumping modules and Tank/Skid packages can also be ordered separately and used with your own components. Select accessories – hose reels, nozzles, guns and lances – on the following pages to complete your unit.

Allow 5 Days
for Shipment



From previous page

+

Tank & Skid

From previous page

=



Pictured with 100' hose, reel and gun - not included, sold separately.

Sprayer Planning Matrix

Tanks and Skids	40" W x 39" L x 29" H	40" W x 50" L x 30" H	48" W x 57" L x 38" H
	50 Gallon	100 Gallon	200 Gallon
	266950	266970	266980
Pumping Packages			
266204XRB	268800	268840	268880
266206XRB	268801	268841	268881
266210XRB	268802	268842	268882
266248XPH	268810	268850	268890
266269XDH	268814	268854	268894
266273XDB	268815	268855	268895
266280XDH		268856	268896
266287XDH		268858	268898
266290XDH		268859	268899

Tank Accessories

Bulkhead Fittings with Gasket



		Hole Req
140430	3/4" Bulkhead	1-3/4"
140432	1" Bulkhead	1-3/4"
140434	1-1/2" Bulkhead	3"
140436	2" Bulkhead	3"
Replacement Gaskets		
140440	Gaskets fits 3/4" or 1" (EPDM)	
140441	Gaskets fits 1-1/2" or 2" (Santoprene)	

Bulkhead Fittings with Gasket



119100	5" Spin on Lid-Air Breather	
119101	5" Spin on Lid-Non Vented	
119105	8" Threaded Lid/Ring/Air Breather	
119110	16" Threaded Lid/Ring/Air Breather	
Drain Cap		
141050	15 & 25 Spot Sprayer	