

SPRAYERS, PUMPS & ACCESSORIES



BOOK
3

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SPRAYERS – COMPRESSED AIR

Hand Pump

solo



Polyethylene Tank

PART NO.	DESCRIPTION
SOLO 430 Series — White Poly Tank	
• Viton® Seals • 4 Nozzles	
865-4301G	1 Gal. Easy-Fill Funnel Top, Long Hose. Includes Adj., Flat Fan, Hollow Cone, Jet Stream Tips.
865-4302G	2 Gal. Easy-Fill Funnel Top, Long Hose. Includes Adj., Flat Fan, Hollow Cone, Jet Stream Tips.
865-4303G	3 Gal. Easy-Fill Funnel Top, Long Hose. Includes Adj., Flat Fan, Hollow Cone, Jet Stream Tips.
SOLO Utility Sprayers	
865-405US	Utility Sprayer 1 Gal. Operating Capacity. Poly Wand with 45" PVC Hose, Adjustable Tip.
865-406US	Utility Sprayer 2 Gal. Operating Capacity. Poly Wand with 45" PVC Hose, Adjustable Tip.
Value Line Translucent Tank with Adjustable Tip	
938-AG15	1.5 Gal. Poly Tank, Wand and Flexible Hose
938-AG2	2 Gal. Poly Tank, Wand and Flexible Hose



REPLACEMENT PARTS

“C” in Part Number Designates Carded

PART NO.	DESCRIPTION
938-R10C	Brass Spray Tip with O-Ring (replaces U-517)
938-R11C	Pump Repair Kit - Poly and Metal
938-R14C	18" Brass Wand Assembly
938-R15C	16" Poly Wand Assembly
938-R16C	Poly Nozzle Replacement Kit
938-R17C	Flat Fan Spray Accessory Tip
938-R30C	Sprayer Repair Kit - Poly and Metal
938-R58C	Discharge Kit with Valve Body & Head, Hose Sleeve, Rod Sleeve & Cap
938-100075	Complete Pump Assembly for Spray Doc

SPRAYERS – BACK-PACK



PART NO.	DESCRIPTION
4 Gallon Capacity — Polyethylene Tank	
800-90700015	AgSmart 4.23 Gal. / 16 Liter Capacity. Includes 4 Spray Tips and Complete Spare Parts Kit.
865-425	Solo with Piston Pump and Adjustable Nozzle (4900527). Minimum Effort Maintains Uniform Spray Pattern, Quick Shut-Off Discharge Valve
865-475	Solo with Diaphragm Pump, Adjustable Nozzle (4900527). Can Be Used with Wettable Powders



AGsmart

Easy
single handed
pumping action



SPRAYERS – SPOT Multi-Purpose 15, 25 & 40 Gallon

MODEL NO.	TANK	PUMP 12V	PUMP LOC.	PSI	WAND	MANIFOLD
ECONOMY						
800-AS15EC	15 Gal.	Ever-Flo 1.0 GPM	Top Mount	45	Lever	No
800-AS25EC	25 Gal.	Ever-Flo 1.0 GPM	Top Mount	45	Lever	No
STANDARD						
800-SS15ST	15 Gal.	High-Flo 2.4 GPM	Side Mount	60	Lever	No
800-SS25ST	25 Gal.	High-Flo 2.4 GPM	Side Mount	60	Lever	No
800-AS15ST	15 Gal.	Ever-Flo 2.2 GPM	Top Mount	45	Lever	No
800-AS25ST	25 Gal.	Ever-Flo 2.2 GPM	Top Mount	45	Lever	No
DELUXE						
800-SS25D	25 Gal.	High-Flo 2.4 GPM	Side Mount	60	Pistol	Yes
800-SS25DX	25 Gal.	High-Flo 4.5 GPM	Side Mount	60	Pistol	Yes
800-SS40DX	40 Gal.	High-Flo 4.5 GPM	Top Mount	60	Pistol	Yes
MODELS WITH BUNA SEALS						
800-AS15STB	15 Gal.	Flo-Jet - 1.6 GPM	Top Mount	45	Lever	No
800-AS25STB	25 Gal.	Flo-Jet - 1.6 GPM	Top Mount	45	Lever	No
800-AS40STB	40 Gal.	Flo-Jet - 1.6 GPM	Top Mount	45	Lever	No

NOTE: Buna Models equipped with pumps to handle harsh chemicals and oil based surfactants.

See Next Page for More Details

For Sprayer or Pump Breakdowns
go to www.smalink.com or call.



SPRAYERS – SPOT

Multi-Purpose 15, 25 & 40 Gallon

AGsmart

All Models Feature:

- Corrosion Resistant Polyethylene Tank with Low Profile for Improved Stability
- Glyphosate Compatible
- Molded Wand Clips
- 12 Volt Diaphragm Demand Pump
- 8 ft. Lead Wire Set with Quick Coupler, In-Line On/Off Switch and Battery Clips
- Spray Gun with 15 ft. of 3/8-in. Hose
- 5-in. Fill Lid with Tether
- Gallon & Liter Volume Indicator
- Full Drain-Out Capability



Top Mounted Pump Models

Economy Models Additional Features:

- 15 & 25 Gallon Tanks
- Lever Spray Wand with 25 ft. Horizontal & 12 ft. Vertical Throw

Standard Models

Shown with Side Mounted Pump



Standard Models Additional Features:

- 15 & 25 Gallon Tanks
- Side & Top Mounted 12 Volt Diaphragm Demand Pump
- Lever Spray Wand with 30 ft. Horizontal & 15 ft. Vertical Throw
- Buna Equipped Top Mounted Pump Models Available in 15, 25 & 40 Gallon

Deluxe Models

Shown with Manifold & Side Mounted Pump



Deluxe Models Additional Features:

- 25 & 40 Gallon Tanks
- Manifold with Side & Top Mounted 12 Volt Diaphragm Demand Pump
- Pistol Grip Spray Gun with 30 ft. Horizontal & 18 ft. Vertical Throw



40 Gal. Tank with Manifold & Top Mounted Pump

SPRAYERS WITH TRAILER

Multi-Purpose 20, 30 Gallon & Pro-Series 50 Gallon

All Models Feature:

- Corrosion Resistant Polyethylene Tank with Low Profile for Improved Stability
- Glyphosate Compatible
- Manifold with On/Off Valves for Pressure Control & Boom Operation
- 12 Volt Diaphragm Demand Pump
- Lead Wire Set with Quick Coupler, In-Line On/Off Switch and Battery Clips
- Adjustable Height Hitch
- Pistol Grip Spray Gun



PART NO.	TANK	PUMP 12V	PSI	PUMP LOC.	BOOM	SPRAY GUN
STANDARD MODELS						
800-TRL20NS	20 Gal.	High-Flo 2.1 GPM	60	Rear Mt.	2 Nozzle Breakaway, 80" Coverage	Pistol Grip, 35' Horiz. & 25' Vert. Spray
800-TRL30NS	30 Gal.	High-Flo 2.1 GPM	60	Rear Mt.	2 Nozzle Breakaway, 80" Coverage	Pistol Grip, 35' Horiz. & 25' Vert. Spray
PRO SERIES						
800-TRL50PROST	50 Gal.	High-Flo Pro 4.0 GPM	45	Tongue Mt.	7 Nozzle 3-Section Folding, 140" Coverage	22" Long Range, 38' Horiz. & 27' Vert. Spray
800-TRL50PROBL	50 Gal.	High-Flo Pro 4.0 GPM	45	Tongue Mt.	Boomless 3 Nozzle, 30-ft. Coverage	22" Long Range, 38' Horiz. & 27' Vert. Spray

Standard Models Additional Features:

- Rear Mounted Manifold with 2" Dry Pressure Gauge
- 5" Fill Lid
- 15 ft. of 3/8" Hose
- 13 ft. 16 Gauge Lead Wire Set
- 4.80/4.0 – 8 Tire with 3/4" Axle on TRL30NS
- 4.10/3.50 – 6 Tire with 5/8" Axle on TRL20NS

TRL20NS & TRL30NS



PRO Series Models

Shown with 7-Nozzle Folding Boom

AGsmart



Pro Series Additional Features:

- Tongue Mounted Manifold with 2.5" Liquid Filled Pressure Gauge
- Multi-Lid to Accurately Measure & Pour Chemicals
- 25 ft. of 3/8" Hose
- 10 ft. 14 Gauge Lead Wire Set
- 18 x 8.50 – 8 Tire with 1" Axle



MULTI-LID



To Order Call Toll Free 877-55 GO SMA 877-554-6762

SPRAYERS – ATV

Multi-Purpose 15 & 25 Gallon



- Corrosion Resistant Polyethylene Tank
- 12 Volt Diaphragm Demand Pump
- Glyphosate Compatible
- 5" Fill Lid

PART NO.	DESCRIPTION
800-ASATV15	15 Gal. Tank, 2.2 GPM Ever-Flo Pump, Rear Mounted Nozzle Provides 16-ft. Swath. Lever Spray Wand with 10-ft. Coiled Hose and 2 Straps for Easy Installation.
800-ATV25ST	25 Gal. Tank, 2.4 GPM Pump, Pressure Gauge, Agitation, Boom with 7 AIXR Nozzles, 140-in. Coverage and Standard Plumbing. Lever Spray Wand, Adjustable Tip, 15-ft. 3/8-in. Hose.
800-ATV25DX	25 Gal. Tank, 4.5 GPM Pump, Pressure Gauge, Agitation, Deluxe Sheilded Boom with 7 AIXR No-Drip Diaphragm Check Valve Nozzles Provides 140-in. Coverage. Lever Spray Wand, Adjustable Tip, 15-ft. 3/8-in. Hose.
800-ATV25DXBL	25 Gal. Tank, 4.5 GPM, 45 PSI Pump, Pressure Gauge, Agitation, Boomless with Adjustable Corrosion Resistant Nozzles Provides 30-ft. Spraying Swath. Pistol Grip Spray Gun, Adjustable Tip, 15-ft. 3/8-in. Hose, Universal Mounting Brackets Fit Most ATV Cargo Racks.

ATV BOOM OPTIONS

800-140NS	ATV Boomless Nozzle Assembly, Fittings and Hardware to Adapt to Most Spot Sprayers.
800-140DX	ATV Boomless Nozzle Assembly with Hardware to Adapt to Deluxe Spot Sprayers.
800-B10S	10-ft Standard Boom with 7 AIXR Nozzles, 140-inch Coverage with Mounting Hardware for Most ATV Applications.
800-B10DX	10-ft Deluxe Shielded Folding Boom with 7 AIXR Nozzles and Mounting Brackets.
800-BNK1525	Boomless Nozzle Assembly with Hardware.
800-1805NS	Five AIXR Nozzle 3-Section Folding Boom with 100-inch Coverage. Brackets and Feeder Hose Included.

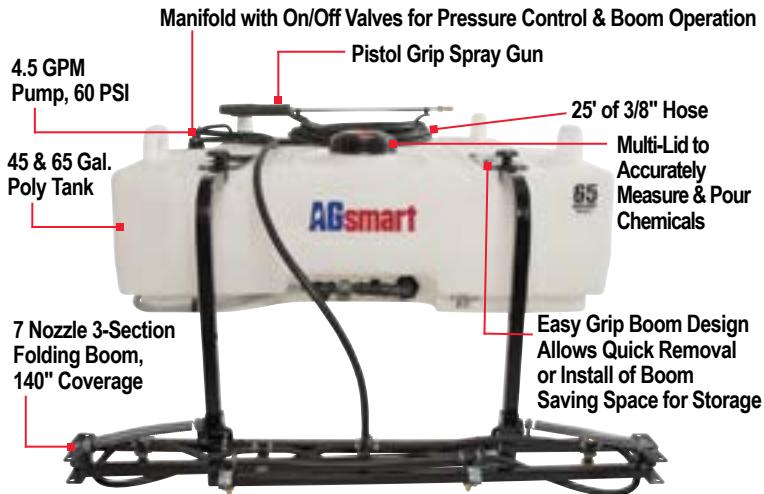


SPRAYERS – UTILITY



- Corrosion Resistant, Low Profile Polyethylene Tank
- 12 Volt Diaphragm Demand Pump
- Glyphosate Compatible
- Manifold with On/Off Valves for Pressure Control & Boom Operation
- Pistol Grip Spray Gun, 25 ft. 3/8" Hose
- Multi-Lid to Accurately Measure & Pour Chemicals

PART NO.	TANK	PUMP 12V	PSI	PUMP LOC.	BOOM	SPRAY GUN
45 GALLON WITH MANIFOLD						
800-UTV457	45 Gal.	High-Flo 4.5 GPM	60	Side Mt.	7 Nozzle 3-Section Folding, 140" Coverage	Pistol Grip, 35' Horiz. & 26' Vert. Spray
800-UTV45BL	45 Gal.	High-Flo 4.5 GPM	60	Side Mt.	Boomless 3 Nozzle, 6 to 30-ft. Coverage	Pistol Grip, 35' Horiz. & 26' Vert. Spray
65 GALLON WITH MANIFOLD						
800-UTV657	65 Gal.	High-Flo 4.5 GPM	60	Side Mt.	7 Nozzle 3-Section Folding, 140" Coverage	Pistol Grip, 35' Horiz. & 26' Vert. Spray
800-UTV65BL	65 Gal.	High-Flo 4.5 GPM	60	Side Mt.	Boomless 3 Nozzle, 6 to 30-ft. Coverage	Pistol Grip, 35' Horiz. & 26' Vert. Spray



MULTI-LID



To Order Call Toll Free 877-55 GO SMA 877-554-6762



SPRAYERS 3-POINT HITCH

55 GALLON

- Corrosion Resistant Polyethylene Tank
- Powder Coated Finish
- Optional 7 AIXR-Nozzle Folding Boom and Single or 3-Nozzle Boomless Available
- Deluxe Pistol Grip Spray Wand with Adjustable Tip and 25 ft. Hose
- Spray Wand has 30' Horizontal and 18' Vertical Throw
- Single Manual Lever Valve Control
- 5" Fill Lid with Tether
- Category 1 Hitch

Pump and Boom Not Included



PART NO.	DESCRIPTION
800-3PH55EC	55 Gal 3-Point Sprayer with Category One Hitch Pins

AGsmart

110, 150, 200, 300 GALLON

- Corrosion Resistant Polyethylene Tank
- Heavy Duty Frame with Powder Coated Finish
- Pressure Adjusting Relief Valve and Gauge
- Optional 10', 16', 21', 28' Folding Booms and Single or 3-Nozzle Boomless Available
- Boom Control Valve
- Will Adapt to Most Roller Pumps
- Deluxe Pistol Grip Spray Wand with Adjustable Tip and 25 ft. Hose
- Spray Wand has 30' Horizontal and 18' Vertical Throw



3PH110
Shown with
with Folding Boom.
Boom Sold Separately



3PH200
Shown with
X-Fold Boom.
Boom Sold Separately



NOW with
AIXR
Spray Nozzle
TeeJet

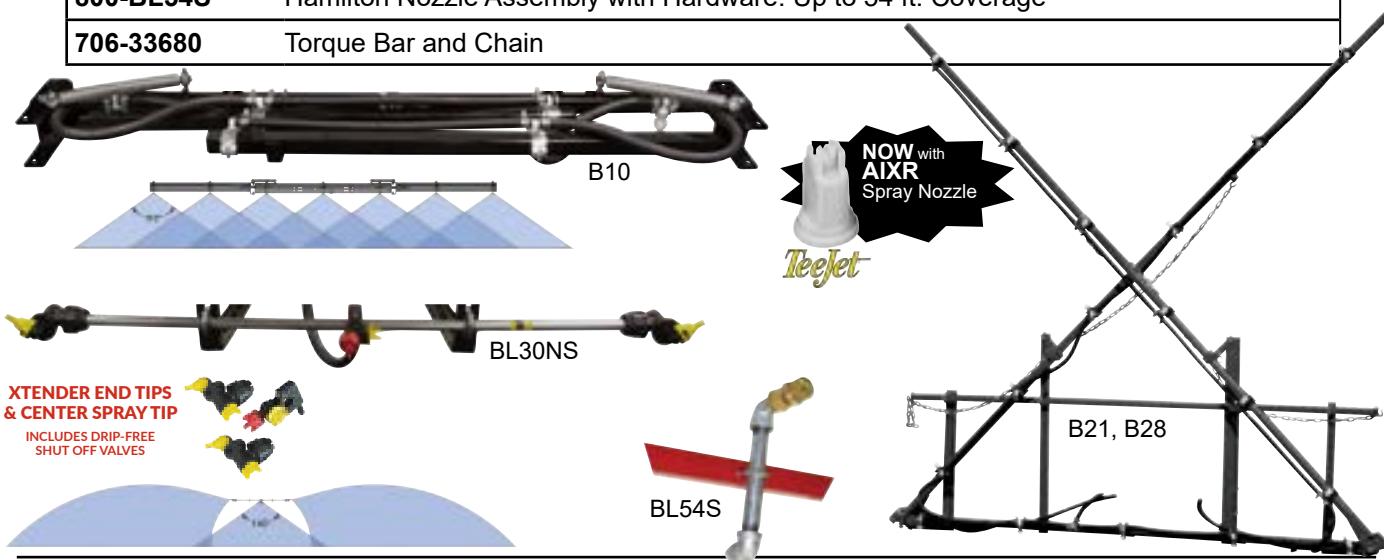
PART NO.	DESCRIPTION
800-3PH110	110 Gal 3-Point Sprayer
800-3PH150	150 Gal 3-Point Sprayer
800-3PH200	200 Gal 3-Point Sprayer
800-3PH300	300 Gal 3-Point Sprayer

Pump, Coupler and Boom Not Included

For Sprayer or Pump Breakdowns
go to www.smalink.com or call.

SPRAYERS 3-POINT HITCH – BOOM OPTIONS

PART NO.	DESCRIPTION
800-B10	10 ft. Standard Folding Boom with 7 AIXR Nozzles, Provides 140-inch Coverage
800-B16	16 ft. Standard Folding Boom with 10 AIXR Nozzles, Provides 200-inch Coverage
800-B21	Six Row 21 ft. Cross Over Folding Boom with 13 AIXR Nozzles
800-B28	Eight Row 28 ft. Cross Over Folding Boom with 19 AIXR Nozzles
800-BL30NS	Three Nozzle Wet Boom Provides 30 ft. Coverage. Independently Controlled Nozzles.
800-BL54S	Hamilton Nozzle Assembly with Hardware. Up to 54 ft. Coverage
706-33680	Torque Bar and Chain



SPOT SPRAYER TANKS, LIDS & CAPS – AGSMART

PART NO.	DESCRIPTION	SPRAYER MODELS
800-33103231	Tank Only for 15 Gallon Sprayers with Top Mounted Pumps	800-AS15EC, AS15ST
800-33103230	Tank Only for 25 Gallon Sprayers with Top Mounted Pumps	800-AS25EC, AS25ST
800-5169262	Kit with Tank, Lid & Cap for 15 Gallon Sprayers with Side Mounted Pumps	800-SS15ST
800-5169264	Kit with Tank, Lid & Cap for 25 Gallon Sprayers with Side Mounted Pumps	800-SS25ST, SS25D, SS25DX
800-5169299	Tank Only for 40 Gallon Sprayer with Top Mounted Pump	800-SS40DX
800-5169320	Tank Only for 20 Gallon Trailer Sprayer	800-TRL20NS
800-5169321	Tank Only for 30 Gallon Trailer Sprayer	800-TRL30NS
800-5169329	Tank Only for 45 Gallon UTV Sprayer	800-UTV457, UTV45BL
800-5169325	Tank Only for 65 Gallon UTV Sprayer	800-UTV657, UTV65BL
861-10522	Standard Tank Lid	All Sprayers Listed Above
800-7772014	Multi-Lid with Measuring Cup and Garden Hose Port	All Sprayers Listed Above
800-5274373	Drain Cap, Tether & Washer for Spot Sprayer Tanks	All Sprayers Listed Above

FOR 3-POINT SPRAYERS

800-5169248	55 Gallon Tank Only	800-3PH55EC
800-47368	110 Gallon Tank Only, 30" x 44"	800-3PH110
800-47802	150 Gallon Tank Only, 30" x 52"	800-3PH150
800-5169160	200 Gallon Tank Only, 38" x 52"	800-3PH200
800-5169162	300 Gallon Tank Only	800-3PH300



SPRAYER MANIFOLDS, FITTINGS AND WIRE SETS

PART NO.	DESCRIPTION
800-7771967	Universal Manifold Kit for Pumps with Quick Access Ports
FITTINGS	
346-5010424	Hose Barb 90° 3/8" Port
346-5010426	Hose Barb 90° 1/2" Port
346-5168836	Hose Barb 3/8" Port
346-5168835	Hose Barb 5/8" Port
346-5168833	Hose Barb 1/2" Port
346-5168832	Adaptor MPT 1/2" Port
346-5010430	Adaptor FPT 1/2" Port
800-PV1	3/4" FGHT x 3/4" MGHT Valve Poly
800-PV2	3/4" FGHT x 3/4" MGHT - Y Valve Poly
800-5143419	Heavy Duty 3/4" FGHT x 3/4" MGHT Valve Poly
WIRE SETS	
892-7205	8 ft. with Battery Clips, Rocker Switch, In-Line Fuse and Molded 2-Pin Plug
892-7206	10 ft. with Lighter Adapter, Rocker Switch, In-Line Fuse and Molded 2-Pin Plug



Manifold System Neatly Mounted and Protected on the Side of the Tank.

SPRAY TANK CLEANER – AGSMART 111-SMA122



ORDER MULTIPLE 12

2 lb. Container

- Neutralizes acidic chemicals
- Helps reduce contamination when changing from one chemical to another
- Assures accurate dosage by removing chemicals from previous batch
- Reduces strainer clogging and minimizes nozzle wear



PRESSURE GAUGES – LIQUID FILLED

STAINLESS STEEL CASE



Gauges filled with liquid provide effective dampening of most pulsation and vibration and provide lubrication of all moving parts. These gauges require no dampening device.

2-1/2" or 4" outer diameter case. 1/4" MPT brass inlet.

2-1/2" Diameter Case

PART NO.	PSI	PART NO.	PSI
920-GG60	0-60	920-GG600	0-600
920-GG100	0-100	920-GG1000	0-1000
920-GG160	0-160	920-GG1500	0-1500
920-GG200	0-200	920-GG2000	0-2000
920-GG300	0-300	920-GG3000	0-3000
920-GG400	0-400	920-GG5000	0-5000

4" Diameter Case

PART NO.	PSI
920-GG604	0-60
920-GG1004	0-100

NOTE: Low and moderate pressure gauges need to “breathe” in order to balance their internal pressure with the atmospheric pressure. Differences, due to pressure and outside temperature, can cause inaccurate pressure readings. The manufacturer’s label on the gauge instructs the end user to clip off end of rubber plug or back off the filler screw to allow such “breathing”. A small weeping of liquid at the fill plug normally occurs when this is done. Such weeping is entirely normal and expected. It will stop after a short period of time. Gauges should only be installed in a vertical and upright position. Such weeping does not affect the performance, accuracy or dampening protection of the gauge.

PRESSURE GAUGES – DRY



Black drawn steel 2-1/2" or 4" diameter case, clear plastic lens with painted friction ring.

1/4" brass bottom inlet connection. Copper alloy gear movement and Bourdon tube.

Large, easy to read numerals.

2-1/2" Diameter Case

PART NO.	PSI	PART NO.	PSI
920-SG60	0-60	920-SG300	0-300
920-SG100	0-100	920-SG400	0-500
920-SG160	0-160	920-SG600	0-600
920-SG200	0-200		

4" Diameter Case

PART NO.	PSI
920-SG604	0-60
920-SG1004	0-100

FOR AGRICULTURAL AMMONIA



Designed to withstand rugged agricultural applications.

Has 2-1/2" diameter black painted steel case and ring, glass lens, stainless steel movement and Bourdon tube. 1/4" MPT bottom inlet.

PART	PSI
920-ASG60	0-60
920-ASG160	0-160
920-ASG400	0-400



SPRAY GUN – WITH HOSE

For Use With Spot, ATV and Utility Sprayers



800-DS



800-HS



800-GS

PART NO.	DESCRIPTION
800-DS	18" Standard Spray Wand, 15 ft. of 3/8" Hose
800-GS	24" Deluxe Pistol Grip Spray Wand, 15 ft. of 3/8" Hose
800-HS	Pistol Grip Spray Wand 43LAAL6 , 15 ft. of 3/8" Hose

SPRAYER WANDS

FOR BACKPACK, CANISTER
AND OTHER LOW PRESSURE SPRAYERS

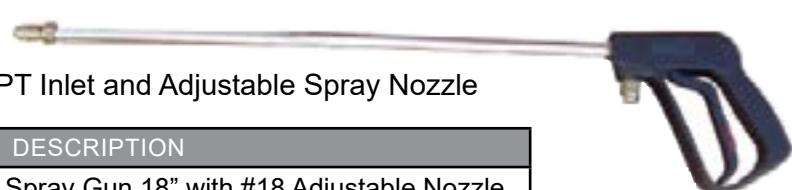
A lightweight spray wand with adjustable cone nozzle. Available with 1/4" NPT or barbed inlet in 15" and 24" wands. Supplied with 5500PPBX18 nozzle.



PART NO.	DESCRIPTION
878-SG4507	Chromed Aluminum Sprayer Wand, 30" Overall Length, has Filter in Handle, 3/8" Hose Barb Connection and Lockable Trigger.
878-5080015PP406	Poly Sprayer Wand 15" Extension with Adjustable Tip and Lockable Trigger.

SPRAY GUN – ALUMINUM

Brass Valve, 3/8" MNPT Inlet and Adjustable Spray Nozzle



PART NO.	DESCRIPTION
878-SG551818A	Spray Gun 18" with #18 Adjustable Nozzle
878-SG551824A	Spray Gun 24" with #18 Adjustable Nozzle
878-ALW18	18" Replacement Lance
878-ALW24	24" Replacement Lance
878-5418	#18 Adjustable Nozzle

SPRAYER WAND AND ACCESSORIES

Trigger Jet

TeeJet



PART NO.	DESCRIPTION
878-22670PP1514	Spray Gun with 1/4" NPTF Inlet and 15" Wand
878-22670PP2414	Spray Gun with 1/4" NPTF Inlet and 24" Wand
878-22670PP24406	Spray Gun with 3/8" Barb Inlet and 24" Wand
PARTS	
878-22650PP14	Spray Gun Only with 1/4" NPTF Inlet
878-22650PP300	Spray Gun Only with 1/4" Hose Barb
878-22650PP406	Spray Gun Only with 3/8" Hose Barb
878-2266515PP	15" Wand Only
878-2266524PP	24" Wand Only
878-CP22673PP	45° Adapter for Wand End
878-CP22668PP	Cap for Wand End
ADJUSTABLE NOZZLES with 11/16" THREAD	
878-5500PPBX3	# 3 Nozzle for 22670 and others
878-5500PPBX6	# 6 Nozzle for 22670 and others
878-5500PPBX8	# 8 Nozzle for 22670 and others
878-5500PPBX12	# 12 Nozzle for 22670 and others
878-5500PPBX18	# 18 Nozzle for 22670 and others
878-38720PPBX8	# 8 Nozzle for 38700 and others
878-38720PPBX12	# 12 Nozzle for 38700 and others
878-38720PPBX18	# 18 Nozzle for 38700 and others



5500



38720

SPRAY GUN – TRIGGER VALVE



6466



4688

TeeJet



4727



31

PART NO.	DESCRIPTION
878-4688	Trigger Valve with Trigger Lock. Flow Rate Up To 2 GPM, 250 PSI Max. 1/4" NPTF Inlet Connection. Made of Brass
878-6466	Trigger Valve with Extra Long Handle. Flow Rate Up To 2 GPM, 250 PSI Max. 1/4" NPTF Inlet Connection. Made of Brass
878-31	Trigger Valve Palm Fitting Gun. Use with Any TeeJet Spray Tip. 1/4" Male Inlet Connection. Made of Brass
878-4727	Trigger Valve with Sure Grip Rubber Covered Handle. 1/4" NPSM Hose Inlet Connection. Made of Brass, Wt. 4-1/4 oz.
878-AB4688	Parts Kit for 4688 and 6466



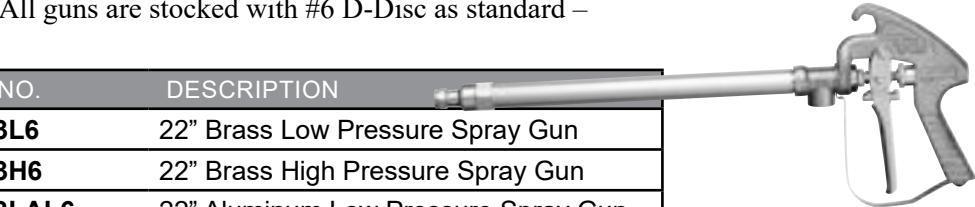
SPRAY GUN WITH TRIGGER CONTROL

Trigger handle control with 1/2" NPTF inlet connection. Great for livestock, orchard and nursery spraying, field spot spraying, cleaning barns and equipment. Quality designed and built for heavy duty service. Stem extends through extension to valve seat located directly behind orifice disc for drip-free shut-off and instant operating response. Convenient trigger-lock for continuous spraying. Extra long trigger for easy four-finger control.

– All guns are stocked with #6 D-Disc as standard –



PART NO.	DESCRIPTION
878-43L6	22" Brass Low Pressure Spray Gun
878-43H6	22" Brass High Pressure Spray Gun
878-43LAL6	22" Aluminum Low Pressure Spray Gun
878-43HAL6	22" Aluminum High Pressure Spray Gun
878-43LA6	Brass Spray Gun
878-43LAAL6	Aluminum GunJet Spray Gun
878-AB43	Parts Kit for 43 Spray Gun
878-AB43AL	Parts Kit for 43AL Spray Gun



TeeJet

GUNJET – SERIES 23

For Flow Rates Up to 5 GPM

Designed so that only inlet body, cap and spray tip are touched by spray chemicals, supplied in choice of brass or stainless steel. Strong aluminum alloy handle. Teflon valve seat and packing, stainless steel valve stem. Use with any TeeJet spray tip or adjustable ConeJets 7715, 6671 and 9527.



23L to 250 psi
23H to 1000 psi

PART NO.	DESCRIPTION
878-23L	250 PSI Gunjet, 1/4" NPSM Inlet
878-23H	1000 PSI Gunjet, 1/4" NPSM Inlet
878-AB23L	23L Repair Kit
878-AB23H	23H Repair Kit
878-CP7490BRCTEF	Valve Seat
878-23L767624	24" Aluminum Extension



SPRAY GUN – PISTOL GRIP

Durable, dependable, comfortable spray guns for hand spraying and high pressure washing. Body and trigger molded of tough nylon material designed to withstand high impact and rough usage. Handle remains comfortable while spraying hot liquids up to 200° F. Stainless steel shutoff needle.



1/4" FNPT Inlet

PART NO.	DESCRIPTION
878-30L	250 PSI GunJet
878-3014	1000 PSI GunJet
878-AB30L	Parts Kit for 30L



SPRAY GUN – ADJUSTABLE

- Heavy DutyY Rotating Handle Control • 3/4" Female Garden Hose Thread Inlet

Easily operated by rotating handle from shut-off to maximum flow. As handle is turned, spray adjusts from fine cone spray through intermediate to straight stream. Spray tips are interchangeable orifice discs made of corrosion resistant stainless steel. The orifice disc size determines performance of the spray gun and may be purchased separately.



126

2AAL45

PART NO.	DESCRIPTION
878-12A6	14" Brass GunJet with No. 6 Orifice Disc
878-126	20" Brass GunJet with No. 6 Orifice Disc
878-AB12A	Parts Kit for No. 12A GunJet
878-CP5871BU	Tip Gasket for No. 12 GunJet
WITH AYHSS45 HARDENED STAINLESS STEEL NOZZLE	
878-2AAL45	15" Aluminum GunJet with AYHSS45 Nozzle
878-2AL45	20" Aluminum GunJet with AYHSS45 Nozzle
878-245	24" Brass GunJet with AYHSS45 Nozzle
878-143ALGH6	22-1/4" Aluminum GunJet with # 6 Orifice Disc, 1-1/4 lbs.
PARTS FOR 143ALGH6	
878-CP1325AL	Aluminum Cap for Tip
878-D6	# 6 Stainless Steel Orifice Disc
878-CP4743NY	Nylon Gasket for Under Cap
878-CP10566AL	Aluminum Nozzle Housing

SPRAYER WAND EXTENSIONS BRASS

TeeJet



6671

PART NO.	DESCRIPTION
878-771518	18" Straight Wand 250 PSI Max.
878-771524	24" Straight Wand 250 PSI Max.
878-771530	30" Straight Wand 250 PSI Max.
878-667118	18" Curved Wand 250 PSI Max.
878-667124	24" Curved Wand 250 PSI Max.
878-667130	30" Curved Wand 250 PSI Max.



7715

SPRAY TIPS – Brass Adjustable



Knurled body adjust from wide angle to straight stream to finely atomized cone spray.
11/16" Cap Thread

PART NO.	DESCRIPTION	PART NO.	DESCRIPTION
878-5500X2	# 2 Tip	878-5500X10	# 10 Tip
878-5500X6	# 6 Tip	878-5500X12	# 12 Tip
878-5500X8	# 8 Tip	878-5500X18	# 18 Tip



WEATHER METER

Current, maximum windspeed, average wind-speed; Current temperature and windchill; Reads in tenths; Data lock feature; Windspeed units- knots, MPH, KPH, M/Sec, Ft/Min, Beaufort; Temperature units- Fahrenheit, Centigrade; Replaceable plastic impeller won't corrode; Comes with lanyard; Threaded for tripod mount.



Highly accurate hygrometer; Current, maximum wind-speed, average windspeed over 5, 10 or 13 seconds; Current temperature and windchill; Current relative humidity and dewpoint; Data lock feature; Windspeed units- knots, MPH, KPH, M/Sec, Ft/Min, Beaufort; Temperature units- Fahrenheit, Centigrade; Replaceable plastic impeller won't corrode; Comes with lanyard; Threaded for tripod mount.

**Model WM 20
385-WM2000**



- **Wind Speed**
Accuracy of + / - 3%
- **Temperature**
Accuracy of + / - 2° F
- **Wind Chill**
Accuracy of + / - 2° F
- **Dual Display**
of Wind Speed & Temp or Wind Chill
- **Auto Shutdown**
- **Power**
400 Hour Lithium Battery (Included)
- **Weighs 3.2oz.**
- **5.5" x 1.75" Closed**

**Model WM 30
385-WM3000**



SPREADER – ATV MOUNT

**For Dry Material
2.2 Cubic Feet Poly Hopper**

Includes 12 volt motor with variable speed control and on/off switch.

800-5301845



- 12 Volt Motor with Variable Speed Control
- 6-Blade Stainless Steel Radial Fan
- Holds up to 145 lbs. of Potash

Ideal for spreading fertilizer, seed, bait, granular insecticides, herbicides and ice melting pellets.

DUMP CART – POLY

Pull Behind Trailer, 10 Cubic Feet

One piece bed design with molded-in features that let you add bed dividers and side extensions. Fully assembled welded pedestal and under carriage frame. 16" stud tread tires with metal hubs.

800-TC10P

- Weight Capacity 700 Lbs.
- Fold Behind Tongue
- Push Handle for Use as Push Cart
- Easy Dump Release



DIAPHRAGM PUMPS 12 VOLT – REMCO

Made in U.S.A.



3711822
1701631



4011105



PART NO.	DESCRIPTION
347-4011105	Pump with Molded-In 3/8" Hose Barb, 1.0 GPM.
347-1311822	Pump with 3/4" Quick Attach x Hose Barb Fitting Included. 2.0 GPM On-Demand Pressure and 2-Pin Connector.
347-1611820	Pump with Quick Attach Ports, 4.0 GPM On-Demand Pressure, 60 PSI and 2-Pin Connector.
347-1701631	Pump with Quick Attach Ports, 5.3 GPM, Positive and Negative Lead Wires.
347-2311822	Pump with 3/8" FPT Fittings, 2.0 GPM, 60 PSI and 2-Pin Connector.
347-3411822	Pump with 1/2" FPT Fittings, 3.0 GPM, 45 PSI and 2-Pin Connector.
347-3711822	Pump with 1/2" FPT Fittings, 5.3 GPM On-Demand Pressure, 60 PSI and 2-Pin Connector.
347-3811941	Fatboy Pump with 1/2" FPT Fittings, 7.0 GPM On-Demand Pressure and 60 PSI.



1311822



3411822



3811941

DIAPHRAGM PUMP 12 VOLT – FIMCO

- Self-Priming Capability
- Run Indefinitely without Damage
- Max Temperature of Pumped Liquid 110° F
- Ball Bearing Drive Assures Longer Pump Life
- Permanent Magnet Motor - Long Life Brushes
- Viton® Check Valve, Santoprene® Diaphragm
- Operates Only when Liquid Flow is Required. Pump and Motor Stop Instantly when Discharge is Closed

PART NO.	DESCRIPTION
346-5151087	2.4 GPM Open Flow, 60 PSI Demand Switch, 8.0 Amp, Includes (2) 3/8" Barb Fittings
346-5151088	4.5 GPM Open Flow, 45 PSI Demand Switch, 11.0 Amp, Includes (2) 1/2" Barb Fittings



5275087



5275088

For Pump or Sprayer Breakdowns
go to www.smalink.com or call.



To Order Call Toll Free 877-55 GO SMA 877-554-6762

ROLLER PUMP COUPLER FORGED STEEL



SET SCREW TYPE		
PART NO.	SHAFT	SPLINE
449-13200077	5/8"	1-3/8 6
449-13200079	5/8"	1-3/8 21
449-13200076	15/16"	1-3/8 6
449-13200078	15/16"	1-3/8 21
449-13200080	15/16"	1-3/4 20



QUICK DISCONNECT COLLAR		
PART NO.	SHAFT	SPLINE
449-13230072	15/16"	1-3/8 6
449-13230073	15/16"	1-3/8 21
449-13230074	5/8"	1-3/8 6
449-13230075	5/8"	1-3/8 21
706-90100	15/16"	1-3/8 540 & 1000 RPM



Flexible Couplings
are in Catalog
Book 2 Section 15

ROLLER PUMP – DELAVAN



Diamond Series™



- Stronger than Steel
- Glyphosate Compatible
- Lasts 10 Times Longer than Cast Iron Pumps

6900 SERIES – 6 ROLLER		
PART NO.	HOUSING	DESCRIPTION
706-6900C	Cast Iron	
706-6900D	Diamond Series™	 6900 Series 6-Roller Pump has 3/4" FPT Ports, Metal Rotor, 5/8" Stainless Steel Solid Shaft with Viton® Seals. Max Pressure is 300 PSI. Output at 540 RPM is 8.6 GPM and 18.4 at 1000 RPM with 40 PSI.
706-666500RK		Repair Kit - Includes Rollers, Seal, & O-Ring
8900 SERIES – 8 ROLLER		
706-8900C	Cast Iron	
706-8900D	Diamond Series™	 8900 Series 8-Roller Pump has 1" FPT Ports, Metal Rotor, 15/16" Stainless Steel Solid Shaft with Viton® Seals. Max Pressure is 300 PSI. Output at 540 RPM is 11.6 and 22.4 GPM at 1000 RPM with 40 PSI.
706-887560RK		Repair Kit - Includes Rollers, Seal, & O-Ring
ACCESSORIES		
706-468141	Coupler for 6600, 6900 Series, 5/8" Pump Shaft, 540 & 1000 RPM	
706-468143	Coupler for 8800, 8900 Series, 15/16" Pump Shaft, 540 & 1000 RPM	
706-33680	Torque Bar and Chain	

NOTE: Glyphosate should not be used with pumps unless indicated as Glyphosate Compatible.
Doing so will void warranty.



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WWW.SMALINK.COM

ROLLER PUMP – HYPRO

PART NO.

12 VOLT DC POWERED

449-4101NEH	Ni-Resist	A 4101 Series 4 Roller Pump Coupled to a 12 Volt DC Electric Motor that can be Driven by a Standard 12 Volt Battery. Ideal for Bulk Chemical Transfer, Fertilizer Placement, Herbicide Banding, Nitrogen Side-Dressing, Orchard and Cattle Spraying.						
449-4101NH	Pump Only							
449-4101XLEH	Silvercast							
449-4101XLH	Pump Only							



0 PSI			20 PSI			40 PSI		
GPM	RPM	AMPS	GPM	RPM	AMPS	GPM	RPM	AMPS
7.18	2,372	15	5.55	7,987	19.3	3.87	1,504	27.5



Silver Cast (XL Series)

- Glyphosate Compatible
- Get Up to 10 Times Longer Pump Life
- Custom Alloy to Provide the Best Corrosion Resistance



1700 SERIES – 5 ROLLER

PART NO.	HOUSING	DESCRIPTION
449-1700C	Cast Iron	
449-1700XL	SilverCast	
449-1700N	Ni-Resist	The 1700 Series 5-Roller Pump has 1" NPT Port, 15/16" Solid Shaft and Viton® Seal. Max Pressure is 200 PSI, Max 45 GPM and Max 1000 RPM.



4001/4101 SERIES – 4 ROLLER

449-4001C	Cast Iron	
449-4001CR	Cast Iron	
449-4101C	Cast Iron	
449-4101N	Ni-Resist	The 4001/4101 Series 4-Roller Pump has 3/4" NPT Port, 5/8" Solid Shaft and Viton® Seal. Max Pressure is 200 PSI. Output at 540 RPM is 21 GPM and 43 GPM at 1000 RPM with 50 PSI. "R" in the Part Number Indicates Reverse Rotation.



6500 SERIES – 6 ROLLER

449-6500C	Cast Iron	
449-6500XL	SilverCast	
449-6500CR	Cast Iron	
449-6500N	Ni-Resist	The 6500 Series 6-Roller Pump has 3/4" NPT Port, 5/8" Solid Shaft and Viton® Seal. Max Pressure is 300 PSI. Output at 540 RPM is 7.4 GPM and 15 GPM at 1000 RPM with 50 PSI. "R" in the Part Number Indicates Reverse Rotation.



7560 SERIES – 8 ROLLER

449-7560C	Cast Iron	
449-7560XL	SilverCast	
449-7560CR	Cast Iron	
449-7560N	Ni-Resist	The 7560 Series 8-Roller Pump has 3/4" NPT Port, 15/16" Solid Shaft and Viton® Seal. Max Pressure is 300 PSI. Output at 540 RPM is 11.4 GPM and 22 GPM at 1000 RPM with 50 PSI. "R" in the Part Number Indicates Reverse Rotation.



7700 SERIES – 7 ROLLER

449-7700C	Cast Iron	
449-7700XL	SilverCast	
449-7700N	Ni-Resist	The 7700 Series 7-Roller Pump has 3/4" NPT Port, 15/16" Solid Shaft. Max Pressure is 200 PSI. Output at 540 RPM is 12.9 GPM with 50 PSI.



NOTE: Glyphosate should not be used with pumps unless indicated as Glyphosate Compatible. Doing so will void warranty.



CENTRIFUGAL PUMP CAST IRON – ACE



FRAME MOUNT



PART NO.	DESCRIPTION
014-FMC	Cast Iron 1-1/4" x 1" Frame Mounted Straight Centrifugal Pump for Belt Drive Application. Max Pressure 170 PSI. Max Flow 70 GPM. Stainless Steel Shaft and Wear Ring. Chemical Resistant Valox® Impeller. Standard Viton® Carbon/Ceramic Seal. CCW Rotation when Facing Shaft End.
014-FMCMIA	Cast Iron 1-1/4" x 1" Frame Mounted Straight Centrifugal Pump for Belt Drive Application. Max Pressure 170 PSI. Max Flow 70 GPM. Stainless Steel Shaft and Wear Ring. Chemical Resistant Valox® Impeller. Standard Viton® Carbon/Ceramic Seal. CCW Rotation when Facing Shaft End. Machined for Idler Arm and Used for Replacement Pump End on PTOC Series Pumps.

TRACTOR HYDRAULIC SYSTEM DRIVEN

FMCHYD204
FMCHYD210
FMC150HYD206



FMC150FHYD206
with Flanged Connections
FMC150FSHYD206
Stainless Steel & Flanged Connections



FMC150SPHYD206
Self Priming



FMC200HYD304

PART NO.	APPLICATION
014-FMCHYD204	For Pressure Compensating Closed Center Systems, Open Center Systems up to 13 GPM using Internal Needle Valve Bypass. Motor Requires 4 GPM Hydraulic Fluid Input.
014-FMCHYD210	For Load Sensing Closed Center Systems, Open Center Systems up to 17GPM using Internal Needle Valve Bypass. Motor Requires 10 GPM Hydraulic Fluid Input.
014-FMC150HYD206 014-FMC150FHYD206 014-FMC150FSHYD206 014-FMC150SPHYD206	1.5" Inlet x 1.25" Outlet NPT Ports. For Pressure Compensating Closed Center Systems, Load Sensing Closed Center Systems, Open Center Systems up to 16 GPM using Internal Needle Valve Bypass. The 206 Motor Requires 7 GPM Hydraulic Fluid Input.
014-FMC200HYD210 014-FMC200HYD304	For Pressure Compensating Closed Center Systems, Load Sensing Closed Center Systems, Open Center Systems up to 17 GPM using Internal Needle Valve Bypass. The 210 Motor Requires 10 GPM Hydraulic Fluid Input. 304 Motor Requires 11 GPM Hydraulic Fluid Input.

For Pump or Sprayer Breakdowns go to www.smalink.com or call.



CENTRIFUGAL PUMP CAST IRON – ACE BELT DRIVEN



PART NO.	DESCRIPTION
014-FMCMAG	Cast Iron 1-1/4" x 1" Frame Mounted, Heavy Duty 12 Volt DC Magnetic Clutch Driven. Max Pressure 0-100 PSI at 4600 RPM. 60 GPM at Open Discharge. Equipped with Viton® Seal. CCW Rotation when Facing Shaft End.
014-FMCCW150	Cast Iron 1-1/2" x 1-1/4" Frame Mounted for Belt Drive Application. Max Pressure 120 PSI. Max Flow 80 GPM. Stainless Steel Shaft and Wear Ring. Chemical Resistant Valox® Impeller. Standard Viton® Carbon/Ceramic Seal. CW Rotation when Facing Shaft End.

PTO BELT DRIVEN – ACE

These belt driven pumps are easy to operate and maintain. Belts can be replaced in the field with minimum downtime. Sealed ball bearings and a readily replaceable mechanical seal.

Belt guard provides complete coverage of pulleys, shaft and belt.



PART NO.	SHAFT	DESCRIPTION
014-PTOC6006SP	1-3/8" 6-Spline	For 540 RPM Models, 1-1/4" Suction, 1" Discharge, 1/3/8" 6-Spline Shaft Adapter. 80 PSI Max, 65 GPM Max Flow
014-PTOC6006QC	1-3/8" Quick Coupler	Same as Above but with Quick Attach Coupler

POLY & CAST IRON FOR GAS ENGINE



PART NO.	DESCRIPTION
014-GE75LE	Poly Corrosion Resistant Construction, 1" x 3/4" Ports. Tall Blade Impeller Design. Higher Pressure at Standard Engine Speeds. Impeller Attaches Directly to 5/8" Keyed Shaft Engine. 50 PSI Max Pressure, 23 GPM Max Flow. Less Engine.
014-GE660LE	Cast Iron, 1-1/2" x 1-1/4" Ports. Impeller Attaches Directly to 3/4" Keyed Shaft on 5.5 HP Engine. Stainless Steel Shaft Sleeve with O-Ring Leak Protection. 120 PSI Max Pressure, 110 GPM Max Flow. Less engine.

CENTRIFUGAL PUMP – HYPRO PEDESTAL MOUNT



Rugged Cast Iron Pump with High Flow and Pressure Handling Capability.
Max Fluid Temperature 140° F, Max Pressure 180 PSI.

PART NO.	POROS	DESCRIPTION
449-9202C	1.25" x 1" (in x out)	Cast Iron Pump with Viton® Shaft Seal, Glass Filled Nylon Impeller, 5/8" Diameter Shaft, 61 GPM at 3600 RPM, 40 PSI.
449-9203C	1.5" x 1.25" (in x out)	Cast Iron Pump with Viton® Shaft Seal, Glass Filled Nylon Impeller, 5/8" Diameter Shaft, 90 GPM at 3600 RPM, 40 PSI.
449-9203CR	1.5" x 1.25" (in x out)	Cast Iron Pump with Viton® Shaft Seal, Glass Filled Nylon Impeller, 5/8" Diameter Shaft, 90 GPM at 3600 RPM, 40 PSI. Reverse Rotation



To Order Call Toll Free 877-55 GO SMA 877-554-6762



CENTRIFUGAL PUMP – HYPRO

HYDRAULIC MOTOR DRIVEN

Choose the Lightweight Polypropylene Housing Pump - Ideal for Chemical Resistance (including acid based fertilizers) or the Rugged Standard Cast Iron Pump for the Highest Flow and Pressure Handling. Max. Fluid Temperature 140° F, Max. Pressure 100 PSI Poly, 180 PSI Cast Iron.

PART NO.	PORTS	GPM	DESCRIPTION
449-9303PHM4C	1-1/2" in x 1-1/4" out	80	Poly Pump with Viton® Shaft Seal and Glass-Filled Poly Impeller for Closed/Load Sensing System. 7 GPM Motor with 1/2" NPT Ports, Double Lip Teflon Seal, and Internal Gear Gerotor - 61 GPM @ 40 PSI.
449-9303CHM4C	1-1/2" in x 1-1/4" out	100	Cast Iron Pump with Viton® Shaft Seal and Glass-Filled Poly Impeller for Closed/Load Sensing System. 7 GPM Motor with 1/2" NPT Ports, Double Lip Teflon Seal, and Internal Gear Gerotor - 55 GPM @ 40 PSI.
449-9303CHM1C	1-1/2" in x 1-1/4" out	100	Cast Iron Pump with Viton® Shaft Seal and Glass-Filled Poly Impeller for Open Center System. 10 GPM Motor with 1/2" NPT Ports, Double Lip Teflon Seal, and Internal Gear Gerotor - 98 GPM @ 40 PSI.



PTO GEAR DRIVEN

Enclosed Planetary Oil Lubricated Gear Driven Pumps for use in Crop Spraying, Fertilizer Application, Seed Bed Watering and More. Compact, Smooth-Running, Fit Easily Under Tractor PTO Shields.

PART NO.	PTO HUB	DESCRIPTION
449-9006CO	1-3/8" 540 RPM Female	Cast Iron Pump with Viton® Shaft Seal and Non-Corrosive Plastic Impeller. Stainless Steel Shaft with Keyway, Shielded Ball-Type Factory Lubricated Bearings. 1-1/2" In x 1-1/4" Out Ports, 80 PSI Max Pressure and 7.5 Max Horsepower. 124 GPM (1000 RPM at 20 PSI) Max Flow, 20° to 140° F Max Fluid Temperature. CCW Pump Shaft Rotation, Mounting Clip Included.
449-9008CO	1-3/8" 1000 RPM Female	
449-9028CO	1-3/4" 1000 RPM Female	
449-15200034	—	Pump Mounting Clip



PISTON PUMP 5200 & 5300 SERIES – HYPRO

With LUBRI-DISC – 100 Hour Lubrication

The Big Twin Pumps are Versatile, High Pressure Pumps Used with Washers in Industrial and Agricultural Cleaning Needs, and as a Sprayer Pump to Apply a Wide Range of Chemicals.

PART NO.	SHAFT	GPM	DESCRIPTION
449-5210C	1" Solid	10	3/4" NPT Ports, Leather Piston Cups, Stainless Steel Valves, Hardened Steel Connecting Rod and Replaceable Cylinder Sleeve with O-Ring Seal. 400 Max PSI.
449-5210CH	1-3/8" Hollow	10	
5300 SERIES SMALL TWIN PISTON PUMPS			
449-5330CRX	5/8" Solid	3	1/2" NPT Ports, Rubber Piston Cups, Factory-Lubricated Ball Bearings for Main Shaft Needle Bearings on the Crank Pin, and Unitized Stainless Steel Valves. 500 Max PSI.
449-5330CHRX	5/8" Hollow	3	



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CENTRIFUGAL POLY PUMP – BANJO

GAS ENGINE DRIVEN



- Lightweight
- Self Priming
- Low Maintenance
- Corrosion Resistant
- Precision Molded Construction
- Maximum Engine Protection
- Buna Seals



PART NO.	DESCRIPTION
909-200P3	Banjo 2" Pump 3.5 HP Briggs & Stratton Engine
909-200P6PRO	Banjo 2" Pump 6.5 HP Briggs & Stratton Engine
909-200P6LCT	Banjo 2" Pump 6 HP Economy Engine
909-200PH5BN	Banjo 2" Pump 5.5 HP Honda Engine
909-200POBN	Banjo 2" Pump Only (unassembled) with Buna Seal
909-300PH6	Banjo 3" Pump 6 HP Honda Engine

WARNING:

Do not run pump dry, restrict or reduce port sizes or dead head pump, this could cause component failure to pump.

DO NOT USE WITH FLAMMABLE LIQUIDS

PERFORMANCE CHART @ 3450 RPM									
Head (FT)	0	11	23	34	46	57	69	80	92
Pressure (PSI)	0	5	10	15	20	25	30	35	40
Flow (GPM)	195	180	170	155	145	125	110	85	60

Note: Curves based on water and pump operating at 3450 RPM

PERFORMANCE CHART @ 3450 RPM									
Head (FT)	0	11	23	34	46	57	69	80	92
Pressure (PSI)	0	5	10	15	20	25	30	35	40
Flow (GPM)	125	110	95	80	70	50	30	15	0

PERFORMANCE CHART @ 3450 RPM									
Head (FT)	0	11	23	34	46	57	69	80	92
Pressure (PSI)	0	5	10	15	20	25	30	35	40
Flow (GPM)	140	120	105	85	70	50	30	15	0

NOTE: Sediment Strainers and
Foot Valves
Recommended.

CENTRIFUGAL POLY PUMP – BANJO

WITH MANIFOLD FITTINGS

- 2" Manifold Fittings
- Lightweight
- Low Maintenance
- Corrosion Resistant
- Precision Molded Construction
- EPDM Standard, FKM (viton type) Available



PART NO.	DESCRIPTION
909-M220P6PRO	2" Pump, 6.5 HP Briggs & Stratton Pro Series Engine
909-M220PH5	2" Pump, 5.5 HP Honda Engine



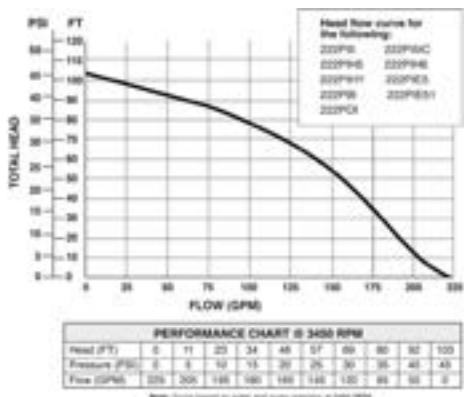
WARNING:
DO NOT USE WITH FLAMMABLE LIQUIDS



CENTRIFUGAL CAST IRON PUMP – BANJO

GAS ENGINE DRIVEN

- Balanced Impeller
- "V" Shaped for Quicker Priming
- Pump End Separated from Engine
- Replaceable Inlet and Outlet Flanges
- Heavy Duty Slinger Seal on Motor Shaft
- Carbon Ceramic Seal with Stainless Steel Cup and Spring with FKM (viton type) Rubber
- Large Weep Holes Between Pump End and Engine
- Self Priming



WARNING:
Do not run pump dry, restrict or reduce port sizes or dead head pump, this could cause component failure to pump.

DO NOT USE WITH FLAMMABLE LIQUIDS



PART NO.	DESCRIPTION	WT
909-222PI6	2" C.I. Pump, 6.5 HP Intek Briggs & Stratton	107 lb.
909-222PIH5	2" C.I. Pump, 5.5 HP Honda	103 lb.
909-200PI6PRO	2" C.I. Pump, 6.5 HP Briggs & Stratton	100 lb.
909-300PIH13	3" C.I. Pump, 13 HP Honda, Electric Start	210 lb.
909-222POI	2" C.I. Pump Only for 3/4" Keyed Shaft, Full Impeller	—
909-300POI	3" C.I. Pump Only for 1" Shaft	—

NOTE: Pumps are not UPS shippable



- Pump Only Comes Complete and Ready for Attachment to Gasoline Engine

For Pump or Sprayer Breakdowns go to www.smalink.com or call.

CENTRIFUGAL POLY PUMP – AGSMART

GAS ENGINE DRIVEN

Aluminum Pump



- Single Cylinder 4 Stroke
- Max Output/Speed 3600 RPM (4.8kw)
- 3/4" Keyed Shaft
- Displacement 196 ml
- Max Torque 2500 RPM (1.35 kg-m)
- Self Priming



PART NO.	DESCRIPTION
900-265PF	2" Poly Pump with 6.5 HP Engine in Roll Cage, Buna Seals
900-265A	2" Aluminum Pump with 6.5 HP Engine in Roll Cage
900-265E	6.5 HP Engine Only, 3600 RPM, 3/4" Keyed Shaft.
900-265POBN	2" Pump Only, Buna Soft Parts



Engine Only

CENTRIFUGAL POLY PUMP – HYPRO

GAS ENGINE DRIVEN

The 1543 3" x 3" polypropylene housing is suitable for corrosive environments and the poly impellers with stainless steel inserts can handle solid particles in suspension up to 3/8" diameter. The mechanical seal and inlet valve are EPDM for longevity and reliability, self priming.

Powered by the field-proven 9 or 13 horsepower Hypro PowerPro™ EPA engine which is supported with a one-year Hypro warranty on both pump and PowerPro engine.

Pump and engine repair parts are available for easy servicing.



PART NO.	DESCRIPTION
449-1543P90SP	Hypro 3", 373 GPM Max. with 9 HP PowerPro Engine
449-1543P90ESP	Hypro 3", 373 GPM Max, 9 HP PowerPro with Electric Start
449-1543P130SP	Hypro 3", 440 GPM Max. with 13 HP PowerPro Engine
449-1543P130ESP	Hypro 3", 440 GPM Max, 13 HP PowerPro with Electric Start

NOTE: These pumps are shipped direct from the factory



1543P130SP

SEDIMENT STRAINERS

PART NO.	DESCRIPTION
887-73490	1.5" Thread, Black Plastic
887-73390	2" Thread, Black Plastic
887-73590	3" Thread, Black Plastic

PART NO.	DESCRIPTION
887-73290	2" Thread, Zinc Plated Steel
887-73690	3" Thread, Zinc Plated Steel



FOOT VALVES



Cast iron construction with leather flapper valve

PART NO.	THREAD
147-FV8	2"
147-FV12	3"



CENTRIFUGAL POLY PUMP – AMT

115 VOLT & GAS ENGINE DRIVEN

Designed to Handle a Wide Variety of Liquid Fertilizers, Pesticides and Herbicides. Excellent for Water Transfer, Flood Irrigation, General Dewatering and Many Other Such Applications. Close Tolerance Fit at Back of Impeller Prevents Mechanical Seal from Contacting Dirty Material.

Casing: Large rugged close-grained cast iron casing, facilitates fast priming and long life on all AMT pumps except 382A99* that has a chemical resistant polypropylene housing.

Impeller: Semi-open cast iron impeller for handling dirty water and other liquids, mounted directly on engine shaft. "Blind Hole" tapped impeller so liquid will not corrode end of engine shaft.

Seal: Stainless steel seal with viton bellows on a replaceable sleeve for easy maintenance and protection of engine shaft.

PART NO.	MOTOR	SEAL	PORTS
115 VOLT ELECTRIC MOTOR DRIVEN			
064-285995	1 HP	Viton	1-1/4"
GAS ENGINE DRIVEN			
064-382A99*	5 HP GC Honda	Buna	2"
064-4222V5	3.5 HP B&S	Viton	2"
064-4223V5	5 HP B&S Intek	Viton	2"
064-4226V5	5.5 HP Honda	Viton	2"
064-422595	5 HP Honda	Buna	2"
GAS ENGINE DRIVEN WITH ROLL CAGE			
064-3270V5	6.5 B&S OHV	Viton	3"
064-3390V5	8 HP B&S	Viton	3"

* Polypropylene Chemical Resistant Housing



064-285995



064-382A99



064-4223V5



064-3390V5

THESE PUMPS NOT INTENDED FOR PETROLEUM TRANSFER

For Pump or Sprayer Breakdowns go to www.smalink.com or call.

CENTRIFUGAL PUMP SEAL



- Manufactured in USA
- Stainless Steel Spring
- Precision Machined Ceramic Ring
- Phenolic or Carbon Sealing Washer
- Metal Housing Parts are Stainless or Plated Steel



PART NO.	DESCRIPTION
HYPRO	
449-21200008	Buna Seal for 1530, 9200CI, 9300 & 9400 Series Pumps.
449-21200009	Viton® Seal for 1530, 9200CI, 9300 & 9400 Series Pumps.
449-21200010	Buna Seal for 9000, 9200 Poly & 9500 Series Pumps.
449-21200011	Viton® Seal for 9000, 9200 Poly & 9500 Series Pumps
ACE	
014-40110	Buna Seal for FMC, FMCHYD & PTOC. Replaces BAC7B
014-40151	Viton® Seal for FMC, FMCHYD & PTOC. Replaces BAC7VC
014-40152	Silicon Carbide Seal for FMC, FMCHYD, PTOC. Replaces BAC7SC
BANJO	
909-12713BN	Buna Seal for 200P3 and 200P5 Poly Pumps
909-12713V	Viton® Seal for 200P3 and 200P5 Poly Pumps
909-17035	Viton® Seal for 200PI5 Cast Iron Pump
909-18025	Viton® Seal for 3" Cast Iron Pump
PAC SEAL	
032-RS200V	Viton® Seal for 9200CI, 9300 & 9401 Hypro Centrifugal. Replaces Hypro 2120-0009, Delavan 34943, Wayne 56393 & Monarch 240316.
032-RS201V	Viton® Seal for 9000 Hypro, BSGF6 & BSGF8 Monarch, FPK & FG-FKG Scot, 5305 & 5306 Aqua Master. Replaces Hypro 2120-0011, Monarch MS44 & 240344, Scot 101.000.115, Aqua Master 261950, Wayne 56112.
032-RS601VSS	Viton® Seal for Banjo, Aqua Master, Homelite & Pacer Poly. Replaces Banjo 12713V, Aqua Master 299122, Homelite 43271 & Pacer 714-12.
032-RS806125V	Viton® Seal for Ace FMC, FMCHYD & PTOC Pumps. Replaces Ace #40151 (BAC7VC)



DIAPHRAGM PUMPS LOW & MEDIUM PRESSURE

BlueFlex™ patented diaphragms are engineered and proven to withstand the harshest chemicals and applications. Use BlueFlex™ in place of Desmopan, NBR/Buna, Viton, and H.P.D.S. for most applications. The special shape and thickness of BlueFlex diaphragm and plate has been optimized to reduce the mechanical stresses during the working cycle of the pump under the most difficult conditions – meaning longer life for the pump.

AR70 Low Pressure Pumps



PART NO.	MAX GPM	MAX L / MIN	MAX PSI	MAX BAR	HP RATING	WT (lb)
448-AR70BPSP	19.6	74.1	290	20	3.4	26
448-AR70BPGR34	19.6	74.1	290	20	3.4	26



- 1-1/4" Suction
- 1" NPT Outlet
- 550 RPM

Replacement Parts

448-AR43243	Replacement BlueFlex Diaphragm Kit
448-AR43241	Replacement Desmopan Diaphragm Kit
448-AR43240	Replacement Buna Diaphragm Kit
448-AR2365	O-Ring Repair Kit
448-AR2364	Valve Repair Kit

AR30 Medium Pressure Pumps

PART NO.	MAX GPM	MAX L / MIN	MAX PSI	MAX BAR	HP RATING	WT (lb)
448-AR30SP	9.6	36.2	580	40	2.9	20.5
448-AR30SPA34	9.6	36.2	580	40	2.9	20.5
448-AR30GR34GCI	9.6	36.2	580	40	2.9	33



- 1" Suction
- 1/2" NPT Outlet
- 550 RPM

Replacement Parts

448-AR43285	Replacement BlueFlex Diaphragm Kit
448-AR43283	Replacement Desmopan Diaphragm Kit
448-AR43282	Replacement Buna Diaphragm Kit
448-AR1916	O-Ring Repair Kit
448-AR1917	Valve Repair Kit

AR50 Medium Pressure Pumps

PART NO.	MAX GPM	MAX L / MIN	MAX PSI	MAX BAR	HP RATING	WT (lb)
448-AR50SP	14.8	65.8	580	40	5.2	39.3
448-AR50SPA1	14.8	65.8	580	40	5.2	39.3



- 1-1/4" Suction
- 1/2" NPT Outlet
- 550 RPM

Replacement Parts

448-AR43293	Replacement BlueFlex Diaphragm Kit
448-AR43291	Replacement Desmopan Diaphragm Kit
448-AR43290	Replacement Buna Diaphragm Kit
448-AR1919	O-Ring Repair Kit
448-AR1920	Valve Repair Kit

Pumps Come Standard with BlueFlex™ Diaphragm

DIAPHRAGM PUMPS

MEDIUM & HIGH PRESSURE

BlueFlex™ patented diaphragms are engineered and proven to withstand the harshest chemicals and applications. Use BlueFlex™ in place of Desmopan, NBR/Buna, Viton, and H.P.D.S. for most applications. The special shape and thickness of BlueFlex diaphragm and plate has been optimized to reduce the mechanical stresses during the working cycle of the pump under the most difficult conditions – meaning longer life for the pump.



AR252 Medium Pressure Pumps

PART NO.	MAX GPM	MAX L / MIN	MAX PSI	MAX BAR	HP RATING	WT (lb)
448-AR252SPSGC	6.5	24.6	362	25	1.42	8.8
448-AR252GRGCI34	6.5	24.6	362	25	1.42	14
448-AR252GRGCI58	6.5	24.6	362	25	1.42	8.8



- 3/4" Suction
- 1/2" NPT Outlet
- 650 RPM

Replacement Parts

448-AR43281	Replacement BlueFlex Diaphragm Kit
448-AR43278	Replacement Desmopan Diaphragm Kit
448-AR43279	Replacement Buna Diaphragm Kit
448-AR2409	O-Ring Repair Kit
448-AR2408	Valve Repair Kit

AR503 Medium Pressure Pumps

PART NO.	MAX GPM	MAX L / MIN	MAX PSI	MAX BAR	HP RATING	WT (lb)
448-AR503SP	14.3	54.1	580	40	5.6	25.4
448-AR503GR1GCI	14.3	54.1	580	40	5.6	41



- 1-1/4" Suction
- 3/4" NPT Outlet
- 550 RPM

Replacement Parts

448-AR43297	Replacement BlueFlex Diaphragm Kit
448-AR43295	Replacement Desmopan Diaphragm Kit
448-AR43294	Replacement Buna Diaphragm Kit
448-AR1984	O-Ring Repair Kit
448-AR1987	Valve Repair Kit

AR1064 High Pressure Pump

PART NO.	MAX GPM	MAX L / MIN	MAX PSI	MAX BAR	HP RATING	WT (lb)
448-AR1064CC	28.7	108.5	725	50	13.1	51.8



- 1-1/2" Suction
- 3/4" NPT Outlet
- 550 RPM

Replacement Parts

448-AR43305	Replacement BlueFlex Diaphragm Kit
448-AR43303	Replacement Desmopan Diaphragm Kit
448-AR43302	Replacement Buna Diaphragm Kit
448-AR43304	Replacement Viton Diaphragm Kit
448-AR43022	O-Ring Repair Kit
448-AR1964	Valve Repair Kit

Pumps Come Standard with BlueFlex™ Diaphragm



CHEMICAL PUMPS – 12 VOLT



Series 400B Diaphragm Pumps

Available in 12v or 115v these kits include everything you need to pump from a tote or drum. Motor is 1/4 HP with thermal overload protection.

Inlet and outlet ports are 1" FNPT.

916-SS415BX731PG — 12V

916-SS460BX731PG — 115V

- Dual-Diaphragm Design
- Up to 15 GPM (1.5 CPS)
- Up to 9.5 GPM (350 CPS)
- Pump Thick or Thin Chemicals
- Fluid Viscosities Up to 3000+ CPS
- Particle Tolerance up to 0.1" Diameter



115v model shown (not all items shown)



Fluids handled include seed & crop protection liquids, fertilizers, transmission, hydraulic fluids, motor & waste oil, antifreeze just to name a few.



ChemTraveler

Portable 12v Chemical Pump with fittings, hoses and 825 meter. Fits most BC/Cage Tanks, Totes, Drums & Barrels.



916-SS435B

- Low Profile Tubular Frame
- 1" Hoses are EPDM, Chemical Resistant
- Battery Cable and Clips Included

Mini-Bulk Pump & Meter

12v Liquid Recirculation Pump with 825 meter, ball valve, hoses and suction tubes. For products that require recirculation or agitation.



916-SS445

- Up to 15 GPM
- Pump Thick or Thin Chemicals
- Fits 9" GEM Fittings on Common Shuttle Tankst
- Can Pass Particulates up to 1/10"
- Battery Cable and Clips Included

12-V Diaphragm Pump

Chemical Transfer Pump. Used to mount on tanks or barrels utilizing the Monsanto keylock adapter. Includes ball valve, hoses, battery cable and clips.



916-SS419BX665

- Up to 15 GPM
- Pump Thick or Thin Chemicals
- Can Pass Particulates up to 1/10"

For use with most fluids including some chemicals.
Can be used at the pump or at end of the hose.



825 Meter

916-825

- 1" NPT
- 2-20 GPM
- 125 Max PSI
- Nutating Disc, Positive Displacement



Poly Hand Pump

Adapts to most containers

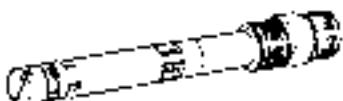
916-FR20V

- 11 oz. Per Stroke
- For Use with Engine & Gear Oils, Anti-Freeze, Agri-Chemicals
- 36.5" Telescoping Suction Tube
- Viton Seals

AGITATORS

Hypro Jet Agitators are designed to produce effective and efficient agitation of all tank solutions.

Constructed of tough, chemical-resistant polypropylene for years of service. Three agitator sizes and tee fittings are available for greater flexibility and convenience in mounting and in volume output.



449-33710019
3/4" NPTM



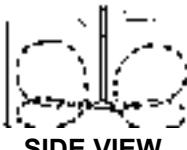
449-3371

1/2" NPTF inlet by
3/4" NPTM outlet

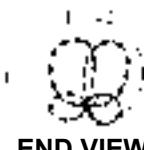
HIGH VOLUME JET AGITATOR



TOP VIEW



SIDE VIEW



END VIEW



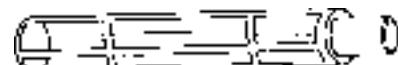
Increase effective output flow up to 5.5 times
the input for greater agitation. 3/4" NPTM

449-33710028

SUCTION STRAINERS

For installation at the end of the intake line or pipe. Prevents foreign matter from entering pump lines. Diameters small enough to pass through standard drum bung holes.

PART NO.	DESCRIPTION
449-33500032	3/4" Barb
449-33500069	3/4" GHT



Economical nylon construction
with 50 mesh nylon screen

CHEMICAL ISOLATOR KIT

903-2300

Chemical Isolator Kit keeps chemicals from entering operator's cab. Dampens and protects gauge from corrosive materials. Has mounting bracket and fittings for 1/4" and 1/8" tubing. In clear clamshell package.



GAUGE TUBING
Polyethylene 25 ft. of 1/8 in. O.D.

903-2388



WE SUPPLY SUCCESS

PRESSURE WASHER ACCESSORIES

TRIGGER GUN

**910-AL112**

- 3/8" FPT Inlet
- 1/4" FPT Outlet
- 4000 Max PSI

STEEL WAND with INSULATOR GRIP



- 1/4" MALE THREADS

PART NO.	DESCRIPTION
910-AL301XX	28 in. long, 10.5 in. grip, stainless steel
910-AL302XX	36 in. long, 14.6 in. grip, stainless steel
910-AL324XX	36 in. long, 10.6 in. grip, zinc plated steel

Female Coupling 1/4"

910-AR5151

PRESSURE WASHER HOSE

- 3/8" Diameter
- Male Fittings with Bend Protectors
- 3000 PSI



PART NO.	DESCRIPTION
910-AR303830SSP	30 ft. x 3/8 in. Male Swivel Fittings
910-AR503830SSP	50 ft. x 3/8 in. Male Swivel Fittings
910-AR253830ST	25 ft. x 3/8 in. Twist Fast Ends, NPTM Swivel x 22mm. OEM Replacement for Many 5 HP and Electric Units.
910-AR7640	3/8 in. NPTF x 22mm Twist Fast Fitting

PRESSURE WASHER NOZZLES

Rotary Nozzle – “TURBO”

**910-AL473400130**

Fits units with the following specifications:

- 3 GPM
- 2,000 - 2,200 PSI
- 5.5 - 6 HP Engine

A TURBO NOZZLE (or rotating nozzle) rapidly spins the powerful zero degree spray in a conical pattern to cover a larger surface area. This not only widens the area covered by the spray, but gives the water stream's impact a "three dimensional" quality. The TURBO NOZZLE is very effective on three dimensional soils such as caked mud or concrete.



Rotating Turbo Nozzle

In most cleaning situations, a small machine with a TURBO NOZZLE will approximate the performance of a larger machine with a conventional nozzle.

Professional HI-LO Variable

**1/4" FPT
INLET**

Pull Collar Back for Low Pressure (soap).
Push Collar Forward for High Pressure (rinse).
Twist Collar Right or Left to Adjust Spray Angle.

PART NO.	SIZE
910-AL470215125	3.5
910-AL470215135	4.0
910-AL470215140	4.5
910-AL470215145	4.8
910-AL470215150	5.0

See Nozzle Size Reference Guide

PRESSURE WASHER NOZZLES

Hardened Stainless Steel

3000 PSI - 1/4" MPT



SIZE	0 DEGREE	15 DEGREE	25 DEGREE	40 DEGREE
4.0	878-14MEG0004	878-14MEG1504	878-14MEG2504	878-14MEG4004
4.5	878-14MEG00045	878-14MEG15045	878-14MEG25045	878-14MEG40045
5.0	878-14MEG0005	878-14MEG1505	878-14MEG2505	878-14MEG4005
5.5	878-14MEG00055	878-14MEG15055	878-14MEG25055	878-14MEG40055
6.0	878-14MEG0006	878-14MEG1506	878-14MEG2506	878-14MEG4006
6.5	878-14MEG00065	878-14MEG15065	878-14MEG25065	878-14MEG40065

NOZZLE SIZE REFERENCE GUIDE

Nozzle size needed for gallons per minute to achieve pressure.

Nozzle Size	500 PSI	600 PSI	700 PSI	800 PSI	1000 PSI	1200 PSI	1500 PSI	2000 PSI	2500 PSI	3000 PSI	3500 PSI	4000 PSI
4.0	1.5	1.6	1.7	1.8	2.0	2.2	2.5	2.8	3.1	3.3	3.8	4.0
4.5	1.5	1.7	1.9	2.0	2.2	2.4	2.8	3.0	3.6	3.9	4.3	4.5
5.0	1.8	1.9	2.1	2.2	2.5	2.8	3.1	3.6	4.0	4.4	4.7	5.0
5.5	1.9	2.1	2.3	2.5	2.8	3.0	3.4	3.8	4.4	4.8	5.2	5.5
6.0	2.1	2.3	2.5	2.7	3.0	3.2	3.7	4.2	4.8	5.2	5.6	6.0
6.5	2.3	2.5	2.7	2.9	3.3	3.6	4.0	4.6	5.2	5.7	6.0	6.5

Example: To find the correct nozzle size to use when running 3 GPM at 1000 PSI, find 3.0 under the 1000 PSI column, then read across to the far left column to find the nozzle size. The correct number is 6.0.

NOTE: Make sure that the motor/engine, pump and other components are rated for the applied pressure or damage could occur.

BRASS NOZZLE – HIGH PRESSURE Quick Coupling

OPEN BORE TYPE - Non-Valved Couplings for Applications Where Maximum Flow is Required.

Featuring the Lowest Pressure Drop of Any Quick Coupling Design.



Female Socket

PART NO.	DESCRIPTION
910-AR7214	1/4" FPT Female Socket
910-AR7218	3/8" FPT Female Socket
910-AR7203	1/4" Female Thread Nipple
910-AR7197	3/8" Female Thread Nipple
910-AR7209	1/4" Male Thread Nipple



Male Nipple



Female Nipple



WE SUPPLY SUCCESS

GUIDANCE SYSTEMS

MATRIX™ PRO GS GUIDANCE

Like You've Never Seen Before

Some of the New MATRIX PRO Features Include:

- New Screen Layout with 2 Selectable Information Displays
- Next Row Guidance
- Guidance Provided Outside of A/B Points in Curved AB Mode
- Can Display Speed, Area, Time, Swath No. or Heading
- Plus Many More

PART NO.	DESCRIPTION
MATRIX 570GS	
878-9002814	With Patch Antenna, No Camera
878-9002810	With Patch Antenna & Camera
878-9002815	With RXA30 Antenna, No Camera
878-9002816	With RXA30 Antenna & Camera
MATRIX 840GS	
878-9002830	With Patch Antenna, No Camera
878-9002831	With Patch Antenna & Camera
878-9002832	With RXA30 Antenna, No Camera
878-9002833	With RXA30 Antenna & Camera



MATRIX® PRO 840GS



Console
Size: 8.4"



Console
Size: 5.7"

*Call Our
Precision Farming
Specialist for More
Information and Pricing*

MATRIX® PRO 570GS

- RealView™ Guidance Over Video – A TeeJet Exclusive! Guidance Information and Video Displayed Simultaneously
- Easy-to-Use, 3D Graphical Guidance that is Precise and Accurate In All Terrain
- Bright Color Touch Screens Readable in Full Sunlight – Choose 570GS with 5.7" Display or 840GS with 8.4" Display



MATRIX™ 430 GUIDANCE. SIMPLIFIED.

Compact Guidance System That is Easy to Use and Low Cost



Matrix 430
Ideal for
First-Time
Users.

Equipped with lighter plug for 12-volt system.

PART NO.	DESCRIPTION
MATRIX 430	
878-GD430GLOR30L	With RXA30 Antenna
878-GD430GLOPL	With Patch Antenna

- Versatile GNSS Guidance in a Compact, Portable Package
- High-Contrast, Full-Color, 4.3" Graphic Touchscreen Display
- High-Quality, Internal GPS/Glonass Engine with Clearpath Technology that Enhances GNSS Performance in Areas Where Reception is Poor or in Regions Where SBAS Differential Correction is Not Readily Available
- Optional RXA-30 Antenna Provides Improved Reception Where GNSS Signals May Be Weak or Partially Obstructed
- Minimal Setup Needed Before Operating
- Guidance Modes Include: Straight AB, Curved AB, Circle Pivot, and Last Pass
- Return to Point Feature
- Boundary Function Allows for Easy and Precise Measurement of Field Area



To Order Call Toll Free 877-55 GO SMA 877-554-6762

RATE CONTROLLERS

The TeeJet 844 Sprayer Control was designed with simplicity in mind, computer controlled spraying has never been so easy. The 844 helps select the right TeeJet tip for the application. The large display shows application rate, volume sprayed, system pressure, sprayer speed, and area covered.



PART NO.	DESCRIPTION
878-9050223	844E TeeJet Sprayer Rate Control



FLOW BACK VALVES

TeeJet Flow Back Valves provide rapid shut off of spray tips when boom sections are shut off. These valves eliminate the five to ten second shut off delay common on sprayers equipped with standard valves. The Flow Back Valves relieve the remaining pressure in the boom after shut off and the boom remains full of spray solution.



PART NO.	DESCRIPTION
878-453BEC3FB4C	3 Valve Flow Back Manifold
878-451BEC3FB4C	Single Valve Flow Back Manifold

SPRAYER CONTROL KITS

The K-Series sprayer control kit has been designed to give the operator the convenience of controlling the sprayer from the tractor cab. The pressure adjust lever allows the operator to increase or decrease system pressure. The gauge will indicate the pressure at the nozzles. The master switch provides on-off control of all nozzles, while the boom control switches allow on-off control of individual sections of the boom for edge or spot spraying.



744 SERIES FEATURES

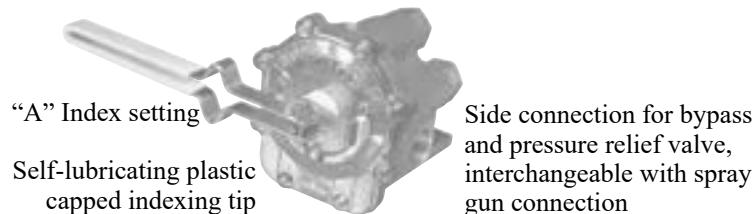
- Switches Rated for 100,000 Cycle Life and O-ring Sealed
- Silver Inlaid Electrical Contacts
- LED's Illuminate Pressure Gauge and Boom Indicators for Easier Reading in Subdued Light
- Heavy Duty 1-1/4" Long Boom Master Switch is Designed for Ease of Use and Durability
- Uses 2-1/2" Diameter 100 PSI Liquid Filled Gauge
- Includes All Necessary Mounting Hardware



PART NO.	DESCRIPTION
878-K74130L	Model 744 Control for Three Booms with One 244 Pressure Regulating Valve and Liquid Filled Gauge.
878-K74133L	Model 744 Control for Three Booms with Three 144 DirectoValves, One 244 Pressure Regulating Valve and Liquid Filled Gauge.

BOOM SELECTOR VALVE

Selective Control of Three-Section Boom Sprayers at Pressures up to 300 PSI



Gives complete control of three-section boom from the tractor seat. Control lever may be set at any of seven indexed locations for opening or closing any of three boom section lines in any desired combination. Cam valve control indexes to exact full-flow position preventing drifting of setting due to vibration or jarring. Plastic capped indexing tip is self-lubricating, prevents wear of cover plate. Gives smooth, friction-free lever movement. "A" index setting indicates position for disassembly and reassembly of TeeValve®.

Aluminum construction with stainless steel and plastic internal parts for maximum corrosion resistance. Excellent for handling most farm chemicals and nitrogen liquid fertilizers.

PART NO.	DESCRIPTION
878-17Y	1-in. Inlet, 3 Boom Outlets 3/4" and 3/4" Pressure Relief Valve Outlet
878-AB17	Replacement Parts Kit for 17Y
878-CP12128iZP	Selector Shield
878-CP6849iZP	Selector Handle

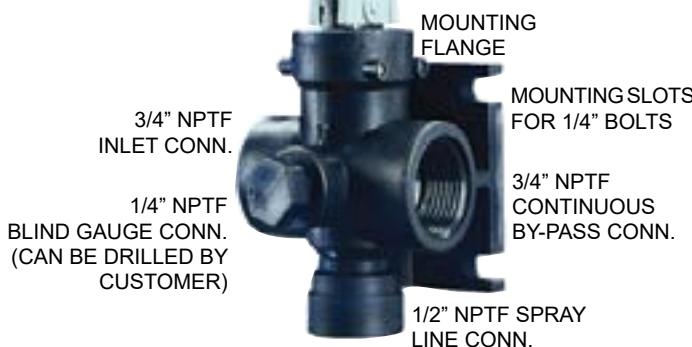


MANUAL SHUTOFF VALVE 878-6B

WITH HANDLE UP - ALL LIQUID BY-PASSES THROUGH VALVE (NO LIQUID TO SPRAY LINE)

WITH HANDLE DOWN - LIQUID TRAVELS TO SPRAY LINE AND THROUGH VALVE

- Corrosion Resistant Materials: Wetted Parts Polypropylene, 316SS, Polyethylene and Viton
- Maximum Pressure - 150 PSI (10 bar)
- Large Capacity - 12 GPM (45 l/min) @ 5 PSI (0.35 bar) Pressure Drop
- One-piece Molded Plastic Handle
- One-piece Valve Body with Mounting Flange
- Gauge Connection
- For Multiple Assemblies Use a 3/4" Hex Nipple



Replacement Parts

PART NO.	DESCRIPTION
878-AB6B	Parts Kit for 6B Valve
878-CP36301NY	Nylon Handle for 6B



BOOM CONTROL VALVE



Compact, economical manifold valve for all spray accessory kits for low to medium volume sectional spray booms, Tee-handle shut-off.

DIAGRAM	
A	Inlet 1/2" MPT
B	Outlet 1/2" FPT
C	Outlet 1/2" FPT
D	Outlet 1/2" FPT
E	By-Pass
F	Gauge 1/4" FPT

HAMILTON

ELECTRIC VALVES 12 VOLT – BANJO



- 316 Stainless Steel Ball & Stem
- Stainless Steel Hardware
- FKM (viton type) or EPDM O-Rings
- Fiberglass Reinforced Polypropylene
- Glass Reinforced PTFE Seats
- Open / Closed Indicator



PART NO.	DESCRIPTION
909-EV075	3/4" On/Off Valve, 1" Opening Thru Ball, 150 PSI Max @ 70 F
909-EV100	1" Full Port Valve, 1" Opening Thru Ball, 150 PSI Max @ 70 F
909-EV150	1-1/2" On/Off Valve, 1-1/2" Opening Thru Ball, 150 PSI Max @ 70 F

ELECTRIC BALL VALVES 12 VOLT – TEEJET

Nylon ball valves for pressures up to 300 PSI. An excellent choice for applications that blow diaphragms in ordinary shut off valves. Standard equipment in many professional fertilizer application machines.

- 3/4" or 1" FNPT Connections
- 5 PSI Drop for 32 GPM Flow
- Effective Opening Time of 1/8 Second
- 1 Amp Power Consumption
- Wetted Parts are Nylon, Teflon, Viton and Polypropylene
- "PR" Version is Pressure Regulating Design
- "C" Version Allows Compatibility with All Sprayer Controls and Works with Single Pole On/Off Switch



344BE24C

PART NO.	THREAD SIZE
878-344BE23C	3/4"
878-344BE24C	1"
878-344BEC23C	3/4"
878-344BEC24C	1"
878-AB344AEKIT	Kit for AE & BE Valves



TeeJet
TECHNOLOGIES



SHUTOFF VALVE – 12 VOLT

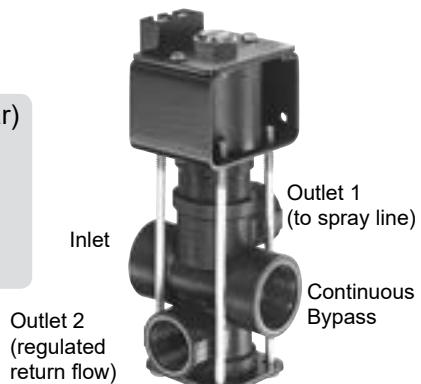
Metered Bypass

The 144A13 DirectoValve is a three way solenoid-operated control valve, bypasses boom flow to maintain constant spraying pressure when one or more boom sections are shut off. For pressures up to 65 PSI. Operates on 12 VDC system and uses only 2.5 amp draw. Encapsulated solenoid coil can be changed without removing valve from line. Continuous flow through bypass connection.

Excellent chemical resistance with stainless steel internal metal parts and polypropylene body.

878-144A13

- 8 GPM (30 l/min) Flow with Only 5 PSI (0.34 bar) Pressure Drop
- 3/4" Inlet and 1/2" Outlets
- Chemical Resistant EPDM Seat Washer and Diaphragms



DirectoValve® 12V SERVICE PARTS

PART NO.	DESCRIPTION
878-AB1441	Parts Kit for 1441 (EPDM)
878-AB1441VI	Parts Kit for 1441 (Viton)
878-AB144A1	Parts Kit for 144A1 (EPDM)
878-AB144A1VI	Parts Kit for 144A1 (Viton)
878-AB145H	Parts Kit for 145H1 (EPDM)
878-CP14801PP	Poly Pro Valve Body for 144 and 144A
878-15905	Coil Assembly for 144
878-CP14802EPR	Seat Washer for 144 and 144A
878-CP14818EPR	EPDM Rubber Diaphragm for 144
878-CP14818VI	Viton Rubber Diaphragm for 144
878-CP15163NYB	Coil Assembly for 144A
878-CP36101EPR	EPDM Diaphragm for 144A (2 required)
878-CP36101VI	Viton Diaphragm for 144A (2 required)
878-CP18605NYB	Coil Assembly for 145

SHUTOFF VALVES – 12 VOLT 2-WAY

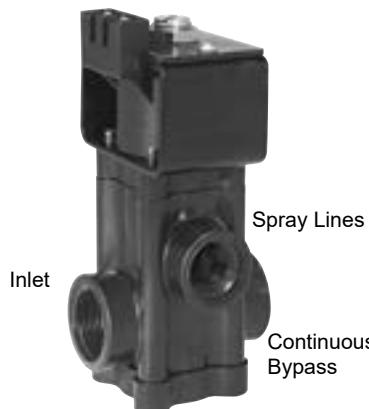
The 144P1, 144A and 145H1 DirectoValves are solenoid valves for pressures up to 100 PSI. Specifically designed to provide a remote on-off boom control for agricultural and turf sprayers. They operate on 12 VDC system and uses only 2.5 amp draw. Encapsulated solenoid coil can be changed without removing valve from system. Direct acting; large internal flow chamber without pilot hole reduces chance of clogging. Suitable for wettable powder applications. Continuous flow through bypass connection, with flow to spray line controlled by valve ‘on-off’ action.

Excellent corrosion resistance with stainless steel wetted parts and polypropylene body.



878-144P1 Single Control Valve

- 10 GPM (37.9 l/min) Flow with Only 5 PSI (0.34 bar) Pressure Drop
- 3/4" Inlet and 1/2" Outlet
- Viton® Diaphragms and Seat Washers
- Corrosion Resistant, 430SS Solenoid Grade Armature and Armature Stop
- No Stroke Adjustment Required



144A SERIES

- 10 GPM (37.9 l/min) Flow with Only 5 PSI (0.34 bar) Pressure Drop
- 3/4" Inlet and 1/2" Outlet
- Chemical Resistant EPDM Seat Washer and Diaphragms (Viton® optional)
- Can Be Ganged with Other 144A DirectoValve Control Valves
- Available in 3-Unit Assembly

PART NO.	DESCRIPTION
878-144A1	Single Valve - EPDM equipped
878-144A1VI	Single Valve - Viton® equipped
878-144A3	Triple Valve - EPDM equipped



878-145H1

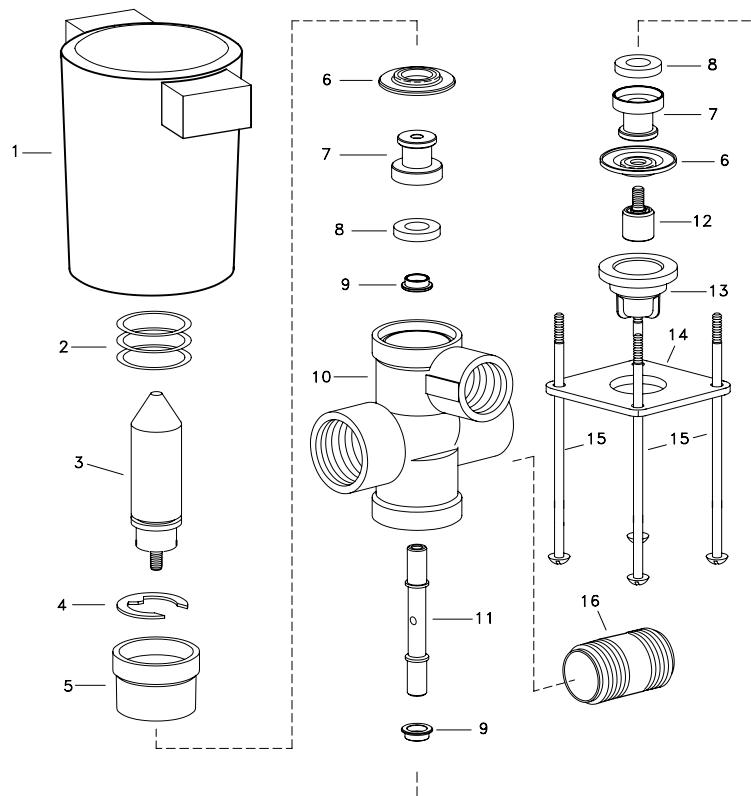
- 15 GPM (56.7 l/min) Flow with Only 5 PSI (0.34 bar) Pressure Drop
- 1" Inlet and Outlet
- Chemical Resistant EPDM Seat Washer and Diaphragms (Viton® optional)
- Can Be Ganged with Other 145H DirectoValve Control Valves
- Fiberglass Reinforced Nylon Body
- 2.9 Amp Current Draw



WE SUPPLY SUCCESS

DIRECTOVALVES® SERVICE PARTS – 12 VOLT

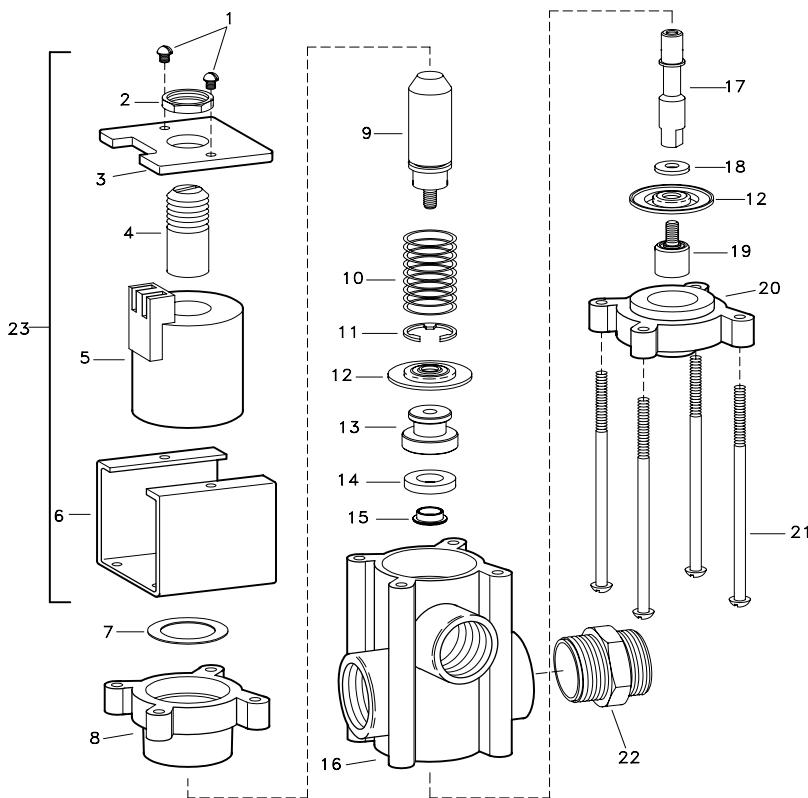
For 144P1



ITEM	PART NO.	DESCRIPTION
1	CP45632	Coil Assembly, Nylon Encapsulated, Stainless Steel & Aluminum
*	2 CP45637-302SS	Spring, Type 302 Stainless Steel
	3 CP45634-430FRS	Armature, Type 430 FRS Stainless Steel
	4 CP14813-2-SS	Retaining Ring, Stainless Steel
	5 CP38074-NYB	Upper Diaphragm Housing, Nylon-Glass Filled (Black)
*	6 CP36101-VI	Diaphragm, Viton (2 Req'd)
*	7 CP25678-SS	Seat Washer Retainer, Stainless Steel (2 Req'd)
*	8 CP14802-VI	Seat Washer, Viton (2 Req'd)
	9 CP14811-SS	Spacer, Stainless Steel (2 Req'd)
10	CP21672-1-PPB	Body, Polypropylene (Black) For Model AA144A-1-3 (NPT)
	CPB21672-1-PPB	Body, Polypropylene (Black) For Model AAB144A-1-3 (BSPT)
	11 CP21674-SS	Stem, Stainless Steel
	12 CP15162-SS	Lower Diaphragm Piston, Stainless Steel
	13 CP38075-NYB	Lower Diaphragm Housing, Nylon-Glass Filled (Black)
	14 CP14804-1-I	Bottom Plate, Steel-Nitrotec Finish
	15 CP21673-SS	Screw, Stainless Steel (4 Req'd)
	16 CP21737-NYB	Connecting Nipple, Nylon (Black) Use Only For Multiple Units
AB144P-1-3-KIT, Spare Parts Kit (Includes all items marked with *)		
No. AA144P-1-3, Three-Way Directovalve By-Pass Valve (NPT Conn.)		
No. AAB144P-1-3, Three-Way Directovalve By-Pass Valve (BSPT Conn.)		
No. AA144P-2-3, Two-Unit, Three-Way Directovalve By-Pass Valve (NPT Conn.)		
No. AAB144P-2-3, Two-Unit, Three-Way Directovalve By-Pass Valve (BSPT Conn.)		
No. AA144P-3-3, Three-Unit, Three-Way Directovalve By-Pass Valve (NPT Conn.)		
No. AAB144P-3-3, Three-Unit, Three-Way Directovalve By-Pass Valve (BSPT Conn.)		

DIRECTOVALVES® SERVICE PARTS – 12 VOLT

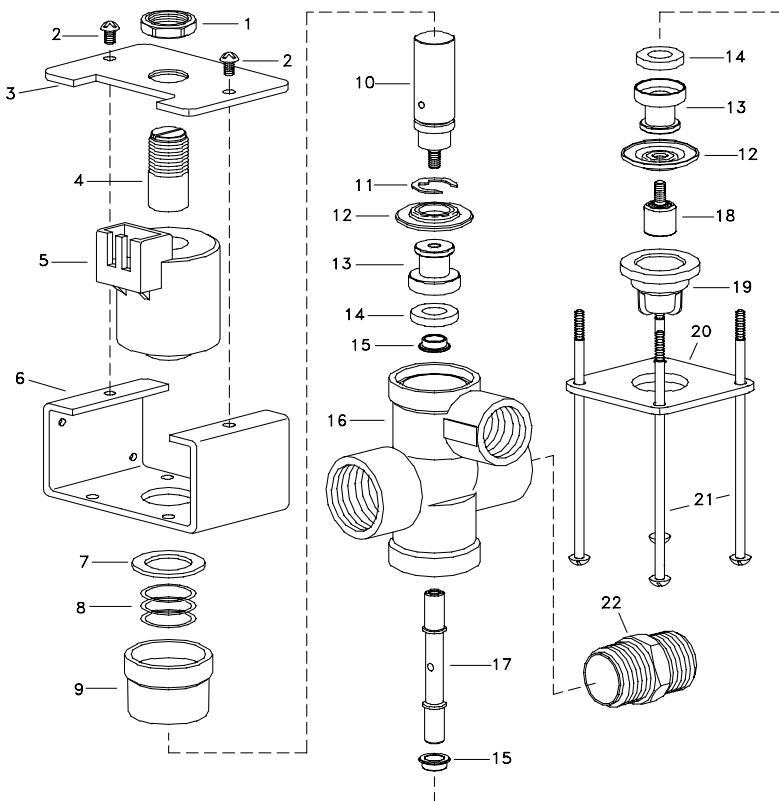
For 144A



ITEM	PART NO.	DESCRIPTION
1	CP14933-SS	Screw, Stainless Steel (2 Req'd)
2	CP15168-IENP	Jam Nut, Steel, Electroless Nickel Plated
3	CP15166-I	Coil Cover, Steel, Nitrotec Finish
4	CP15161-IENP	Armature Stop, Steel, Electroless Nickel Plated
5	CP15163-NYB	Coil Assembly, Nylon Encapsulated (Black)
6	CP14927-3-I	Strap, Steel, Nitrotec Finish
7	CP15169-302SS	Washer, Type 302 Stainless Steel
8	CP15164-NYB	Upper Diaphragm Housing, Nylon, Glass Filled (Black)
9	CP15170-IENP	Armature, Steel, Electroless Nickel Plated
10**	CP15167-302SS	Spring, Type 302 Stainless Steel
11	CP14813-1-IENP	Retaining Ring, Steel, Electroless Nickel Plated
12 *	CP36101-EPR	Diaphragm, EPDM Rubber (Standard) 2 Req'd
**	CP36101-VI	Diaphragm, Viton (Optional) 2 Req'd
13	CP14807-SS	Seat Washer Retainer, Stainless Steel
14 *	CP14802-EPR	Seat Washer, EPDM Rubber (Standard)
**	CP14802-VI	Seat Washer, Viton (Optional)
15	CP14811-SS	Spacer, Stainless Steel
16	CP14801-PP	Body, Polypropylene (Black) (NPT)
	CPB14801-PP	Body, Polypropylene (Black) (BSPT)
17	CP14812-SS	Stem, Stainless Steel
18	CP14806-SS	Washer, Stainless Steel
19	CP15162-SS	Lower Diaphragm Piston, Stainless Steel
20	CP15165-NYB	Lower Diaphragm Housing, Glass Filled Nylon (Black)
21	CP14819-SS	Screw, Stainless Steel (4 Req'd)
22	CP21737-NYB	Connecting Nipple, Nylon (Black) Use only For Multiple Units
23	15905	Coil Sub-Assembly (Contains Items 1-6)
No. AA144A-1(-VI), One Unit DirectoValve, Complete (NPT threads) (Viton version optional)		
No. AA144A-2(-VI), Two Unit DirectoValve, Complete (NPT threads) (Viton version optional)		
No. AA144A-3(-VI), Three Unit DirectoValve, Complete (NPT threads) (Viton version optional)		
No. AAB144A-1(-VI), One Unit DirectoValve, Complete (BSPT threads) (Viton version optional)		
No. AAB144A-2(-VI), Two Unit DirectoValve, Complete (BSPT threads) (Viton version optional)		
No. AAB144A-3(-VI), Three Unit DirectoValve, Complete (BSPT threads) (Viton version optional)		
PK-AB144A-1-KIT – Spare Parts Kit (Includes One Set of Items Marked With *)		
PK-AB144A-1-VI-KIT – Spare Parts Kit (Includes One Set of Items Marked With **)		

DIRECTOVALVES® SERVICE PARTS – 12 VOLT

For 144A13



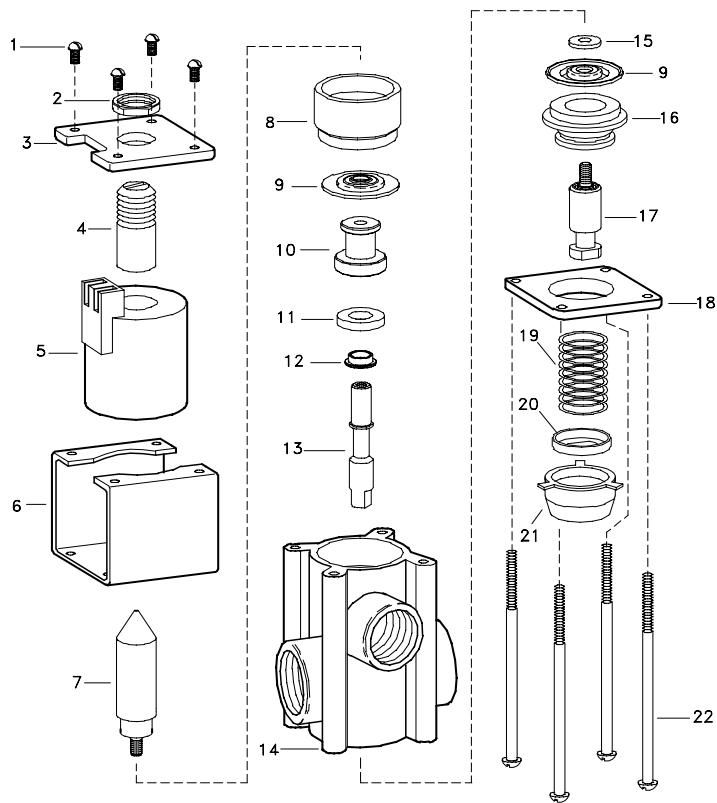
ITEM	PART NO.	DESCRIPTION
1	CP15168-IENP	Jam Nut, Steel-Electroless Nickel Plated
2	CP14933-SS	Screw, Stainless Steel (2 Req'd)
3	CP15166-I	Coil Cover, Steel- Nitrotec Finish
4	CP38073-IENP	Armature Stop, Steel-Electroless Nickel Plated
5	CP15163-NYB	Coil Assembly, Nylon Encapsulated (Black)
6	CP14927-3-I	Strap, Steel- Nitrotec Finish
7	CP15169-2-302SS	Washer, Type 302 Stainless Steel
8 **	CP38076-302SS	Spring, Type 302 Stainless Steel
9	CP38074-NYB	Upper Diaphragm Housing, Nylon-Glass Filled (Black)
10	CP38072-IENP	Armature, Steel-Electroless Nickel Plated
11	CP14813-1-IENP	Retaining Ring, Steel-Electroless Nickel Plated
12 *	CP14818-EPR	Diaphragm, EPDM Rubber (Standard) 2 Req'd
**	CP14818-VI	Diaphragm, Viton (Optional) 2 Req'd
13	CP25678-SS	Seat Washer Retainer, Stainless Steel (2 Req'd)
14 *	CP14802-1-EPR	Seat Washer, EPDM Rubber (Standard) 2 Req'd
**	CP14802-VI	Seat Washer, Viton (Optional) 2 Req'd
15	CP14811-SS	Spacer, Stainless Steel (2 Req'd)
16	CP21672-1-PPB	Body, Polypropylene (Black) For Model AA144A-1-3 (NPT)
	CPB21672-1-PPB	Body, Polypropylene (Black) For Model AAB144A-1-3 (BSPT)
17	CP21674-SS	Stem, Stainless Steel
18	CP15162-SS	Lower Diaphragm Piston, Stainless Steel
19	CP38075-NYB	Lower Diaphragm Housing, Nylon-Glass Filled (Black)
20	CP14804-1-I	Bottom Plate, Steel-Nitrotec Finish
21	CP21673-SS	Screw, Stainless Steel (4 Req'd)
22	CP21737-NYB	Connecting Nipple, Nylon (Black) Use Only For Multiple Units
No. AA144A-1-3, Three-Way Directovalve By-Pass Valve (NPT Conn.)		
No. AAB144A-1-3, Three-Way Directovalve By-Pass Valve (BSPT Conn.)		
No. AA144A-3-3, Three-Bank Three-Way Directovalve By-Pass Valve (NPT Conn.)		
No. AAB144A-3-3, Three-Bank Three-Way Directovalve By-Pass Valve (BSPT Conn.)		

PK-AB144A-1-3-KIT, Spare Parts Kit (Includes All Items Marked With *)
 PK-AB144A-1-3-VI-KIT, Spare Parts Kit (Includes All Items Marked With **)



DIRECTOVALVES® SERVICE PARTS – 12 VOLT

For 145H1



ITEM	PART NO.	DESCRIPTION
1	CP7698-SS	Screw, Stainless Steel (4 Req'd)
2	CP18602-IENP	Jam Nut, Steel, Electroless Nickel Plated
3	CP18603-I	Coil Cover, Steel, Nitrotec Coating
4	CP18618-IENP	Armature Stop, Steel, Electroless Nickel Plated
5	CP18605-NYB	Coil Assembly, Nylon Encapsulated (Black)
6	CP18623-1-I	Strap Sub-Assembly, Steel, Nitrotec Coating
7	CP18606-IENP	Armature, Steel, Electroless Nickel Plated
8	CP18607-NYB	Upper Diaphragm Housing, Nylon (Black)
9	* CP18621-EPR	Diaphragm, EPDM Rubber (2 Req'd) (for 145H-1)
■	CP18621-VI	Diaphragm, Viton (2 Req'd) (for 145H-1-VI)
10	CP18610-SS	Seat Washer Retainer, Stainless Steel
11	* CP18611-EPR	Seat Washer, EPDM Rubber (for 145H-1)
■	CP18611-VI	Seat Washer, Viton (for 145H-1-VI)
12	CP18612-SS	Spacer, Stainless Steel
13	CP18613-SS	Stem, Stainless Steel
14	CP18601-1-NYB	Body, Nylon (Black)
15	CP18609-SS	Washer, Stainless Steel
16	CP18614-NYB	Lower Diaphragm Housing, Nylon (Black)
17	CP18617-SS	Lower Diaphragm Piston, Stainless Steel
18	CP18615-I	Bottom Plate, Steel, Nitrotec Coating
19	CP25831-302SS	Spring, 302 Stainless Steel
20	CP18620-304SS	Spring Retainer, 304 Stainless Steel
21	CP18622-EPR	Boot, EPDM Rubber
22	CP18619-SS	Screw, Stainless Steel (4 Req'd)
AA145H-1, DirectoValve		
AA145H-1-VI, DirectoValve		
PK-AB145H-KIT, Spare Parts Kit (includes all items marked with *)		
AB145H-VI-KIT, Spare Parts Kit (includes all items marked with ■)		

BOOM SHUTOFF VALVES

TEXAS INDUSTRIAL REMCOR, INC.



2500 Series



2100 Series



1999 Series



2203
2204A



2152

PART NO.	DESCRIPTION
903-2500B1	12 volt Boom Shutoff Valve. 10 GPM - 100 PSI, 3/4" FPT inlet, 3/4" MPT bypass and 1/2" FPT boom outlet. Viton. In clear clamshell package.
903-2352	Viton Parts Kit for 2500A1
903-2100B1	12 volt Boom Shutoff Valve. 10 GPM - 125 PSI, 3/4" FPT inlet, 3/4" MPT bypass and 1/2" FPT boom outlet. Viton
903-2255	Viton Parts Kit for 2100B1
903-1999A1	12 volt Boom Shutoff Valve. 18 GPM - 175 PSI, 1" FPT inlet, 1" MPT bypass and 3/4" FPT boom outlet. Viton
903-2045	Viton Parts Kit for 1999 valves
903-2203	12 volt Mini Boom Shutoff Valve. Good choice for foam markers to control both air and liquids. 1/2 GPM - 125 PSI, 1/4" FPT inlet and outlet. Viton
903-2204A	12 volt Mini 3 Way Boom Shutoff Valve. Good choice for foam markers to control both air and liquids. 1/2 GPM, 55 PSI, 1/4" FPT. Viton
903-2148	Mounting Bracket with screws for #2500 and #2100 Shutoff Valves.
903-2151	Mounting Bracket with screws for 3 #2500 and #2100 Shutoff Valves.
903-2152	The Pressure Adaptor is used to connect the 1/8" gauge tubing to the spray line. When used with the 2100A1 or 2500A1 valves, the adaptor is used on the inlet side; while with the 1999 valve, the adaptor is screwed into the outlet.
903-2517	Repair Kit for 1999A valves

SPRAYER CONTROL SYSTEMS AND VALVES

TEXAS INDUSTRIAL REMCOR, INC.



PART NO.	DESCRIPTION
903-1560	12 volt 3/4" FPT Pressure Regulator, 50 GPM Max Flow, 150 PSI Max Pressure. Viton
903-1541	12 volt, 1" FPT Pressure Regulator. Flow Rates 15 to100 GPM, 150 PSI Max Pressure. Viton

RC-10N Series



RC-10N Series System is the Ideal Controller for Sprayers Which Require Control Over Only One Boom Shutoff Valve. Includes 100 PSI or 800 KPA Pressure Gauge, Mounting Bracket, Regulator and On-off Boom Switches, 8ft. Power Cord with Fuse and Fuseholder, 15ft. Sprayer Harness with Encased High Pressure Gauge Tubing Which Acts as Both a Pressure Transmitter and a Pulsation Dampener.



PART NO.	DESCRIPTION
903-RC10N	Remote Control System with 1560 Pressure Regulator, without Solenoid Shutoff Valve. Factory Assembled for Quick Mounting.
903-2180	Basic RC-10N System with 2100A-1 Solenoid Shutoff Valve and 2148 Mounting Bracket. Factory Assembled for Quick Mounting.

RC-1BL Series



RC-1BL

RC-1BL Series Kit Offers Toggle-type Boom and Pressure Regulator Switches. The Cab Harness of the Control Console Attaches to the Sprayer Harness with Molded Quick Disconnects for Easy Coupling of the Sprayer to the Tractor. This Exclusive Feature also Affords the Option of Cab and Sprayer Lengths Most Suitable for Your Tractor and Sprayer Combination. Includes 100 PSI or 700 KPA Pressure Gauge, Mounting Bracket, Toggle-type Regulator, Master and On-Off Switches for Shutoff Valves, 8ft. Power Cord with Fuse and Fuseholder, 6ft. Cab Harness, 8ft. Sprayer Harness, and High Pressure Gauge Line Encased in a Tight Fitting Jacket of the Wiring Harnesses.



2380

PART NO.	DESCRIPTION
903-RC1BL	Remote Control System with 1560 Pressure Regulator, Liquid-Filled Pressure Gauge, and Switches for 3 Solenoid Valves.
903-2380	Basic RC-1BL System with 3 2500A-1 Solenoid Shutoff Valves (100 GPM, 100 PSI), and Valve Mounting Bracket.

REGULATING VALVE

Pressure Relief Valve – Piston Type Poly

Bypasses excess liquid. Adjustable to maintain control of line pressure at any pressure within the valve operating range. Selected pressure setting firmly held in place by locknut. Extra large valve passages to handle large flows.

PART NO.	SIZE
878-2312012PP	1/2" NPT
878-2312034PP	3/4" NPT
WITH VITON® O-RINGS	
878-23120A12PP	1/2" NPT
878-23120A34PP	3/4" NPT

- Polypropylene with Stainless Steel Spring
- Excellent Chemical Resistance
- EPDM O-Rings
- Choice of 1/2" or 3/4" MNPT Inlet and Female Outlet Connections
- For Pressures to 100 PSI
- 1/4" Port for Pressure Gauge



PISTON TYPE IRON



- Ductile Iron Construction
- Available in 1" and 1-1/4" NPT inlet and outlet connections
- Removable Bonnet for Servicing without Removing Valve from Line
- Pressures to 150 PSI

PART NO.	SIZE
878-1101DI	1" Ductile Iron PRV
878-110114DI	1-1/4" Ductile Iron PRV

PRESSURE RELIEF VALVES

Piston Type



- Controls desired pressure settings in spray lines to assure more uniform rates of chemical applications
- Brass with stainless steel springs
 - Choice of 1/2" or 3/4" NPTM inlet and female outlet connections
 - For pressures to 300 PSI

PART NO.	DESCRIPTION
878-681512300	1/2" NPT, 300 PSI
878-681534300	3/4" NPT, 300 PSI
878-681534700	3/4" NPT, 700 PSI
878-AB6815300	Kit for PRV, Brass
878-AB6815700	Kit for PRV, Brass

Diaphragm Type

- Pressures to 300 PSI. Bypasses excess liquid. Chemical resistant diaphragm seals off operating parts from contact with chemicals and remains resilient for chatter-free responsive pressure control.
- Model 8460 nylon inlet body with aluminum bonnet. Flow rates to 70 GPM for 3/4" size.



PART NO.	SIZE
878-846012	1/2" NPT
878-846034	3/4" NPT
878-AB8460	Repair Kit for 8460 PRV

THROTTLING VALVE

For regulating flow in systems equipped with centrifugal pumps where sensitive regulation is required or to control flow in Jet Agitator return lines. Locknut holds pressure setting firmly in place.

TeeJet



23520



12690

PART NO.	MATERIAL	IN/OUT	PSI	GPM
878-2352012PP	Poly	1/2" NPT	125	6
878-2352034PP	Poly	3/4" NPT	125	18
878-1269034NY	Nylon	3/4" NPT	125	82

REGULATING VALVE Electric Remote Control

Pressures to 100 PSI. Provides remote pressure control. No. 144 DirectoValve can be added for "on-off" control. 3/4" NPTF inlet and outlet connections on 244C, 1-1/2" on 247, 12 volt system.

Wetted metal parts made of stainless steel with nylon body and polypropylene cover.

Pressure loss - 1 PSI for 20 GPM on 244 and 1 PSI for 100 GPM on 247.



PART NO.	DESCRIPTION
878-244C	12V DC Remote PRV - 3/4" NPT
878-AB244C	Replacement Parts Kit for 244C

TeeJet
TECHNOLOGIES

STRAINERS POLYPROPYLENE – HYPRO



Black poly cap and bowl, internal threads with 50M screens and EPDM gaskets.

PART NO.	DESCRIPTION
449-33500046A	1/2" Strainer
449-33500034A	3/4" Strainer
449-33500058A	1" Strainer
449-33500072A	1-1/4" Strainer
449-33500113A	1-1/2" Strainer



REPLACEMENT PARTS

PART NO.	DESCRIPTION
449-33510039	Bowl for 1/2" to 3/4"
449-33510043	Bowl for 1" to 1-1/2"
449-38000025	Screen 50M for 1/2" to 3/4"
449-38000041	Screen 50M for 1"
449-38000044	Screen 50M for 1-1/4"
449-38000066	Screen 50M for 1-1/2"
449-17000091	Gasket for 1/2" to 3/4"
449-17000092	Gasket for 1" to 1-1/2"



STRAINERS POLYPROPYLENE – BANJO



LSM30050

- 3" FNPT
- 1/2" Drain Plug in Bottom of Cap



Precision molded construction, lightweight, corrosion resistant, fiberglass reinforced. Stainless steel screen EPDM gasket.

PART NO.	DESCRIPTION
909-LS07540	3/4" Strainer with 40 Mesh Screen
909-LS10040	1" Strainer with 40 Mesh Screen
909-LS12540	1-1/4" Strainer with 40 Mesh Screen
909-LS15050	1-1/2" Strainer with 50 Mesh Screen
909-LS20050	2" Strainer with 50 Mesh Screen
909-LSM30050	3" Strainer with 50 Mesh Screen
909-LST15050	1-1/2" Poly Tee Strainer with 50 Mesh Screen
909-LST12550	4" Poly Tee Strainer with 50 Mesh Screen



LS Type



LST Type

WARNING: 3" Poly "Y" strainer to be used on suction side in all applications

PARTS FOR BANJO STRAINER



LS250



LST150G

PART NO.	DESCRIPTION
909-LS740	40M Screen - Fits 3/4"
909-LS780	80M Screen - Fits 3/4"
909-LS140	40M Screen - Fits 1" - 1-1/4"
909-LS180	80M Screen - Fits 1" - 1-1/4"
909-LS280	80M Screen - Fits 1-1/2" - 2"
909-LS220	20M Screen - Fits 1-1/2" - 2"
909-LS250	50M Screen - Fits 1-1/2" - 2"
909-LS350	50M Screen - Fits 3" Y Strainer
909-LS075G	Cap Gasket - Fits 3/4"
909-LS100G	Cap Gasket - Fits 1" - 1-1/4"
909-LS150G	Cap Gasket - 1-1/2" - 2" New Style Square Cut
909-LS200G	Cap Gasket - Fits 1-1/2" - 2"
909-LS100C1	Cap - Fits 1" - 1-1/4"
909-LS150C	Cap New Style (2001 & up) - Fits 1-1/2" - 2"
909-LST1550	50M Screen for Tee Strainer - Fits 1-1/4" and 1-1/2"
909-LST150G	Gasket EPDM for Tee Strainer - Fits 1-1/4" and 1-1/2"



LS150



LS180

STRAINERS POLYPROPYLENE – TEEJET

122 SERIES - 1/2" and 3/4" NPT Polypropylene
Construction with 50 Mesh Stainless Steel Screen

126 SERIES - 3/4" thru 1-1/2" Polypropylene



122

PART NO.	DESCRIPTION
878-12212PP50	1/2" NPT with 50M Screen
878-12234PP50	3/4" NPT with 50M Screen
126 Series	
878-126ML350	3/4" NPT with 50M Screen
878-126ML450	1" NPT with 50M Screen
878-126ML550	1-1/4" NPT with 50M Screen
878-126ML650	1-1/2" NPT with 50M Screen



126

PARTS FOR 122, 124 AND 126 STRAINERS

PART NO.	DESCRIPTION
PARTS FOR 122 SERIES STRAINERS	
878-CP231741304SS	16M Screen Stainless Steel
878-CP451023SSPP	50M Screen Stainless Steel, Poly Ribs, Blue
878-CP451024SSPP	80M Screen Stainless Steel, Poly Ribs, Yellow
878-CP451025SSPP	100M Screen Stainless Steel, Poly Ribs, Green
878-CP23173EPR	Gasket, EPDM (Standard)
878-CP23173VI	Gasket, Viton (Optional)
878-CP23172PP	Bowl, Glass-Reinforced Poly
SCREENS FOR 124 & 126 SERIES STRAINERS	
878-CP169033	30M Screen 3/4" to 1"
878-CP169034	50M Screen 3/4" to 1"
878-CP169035	80M Screen 3/4" to 1"
878-CP159412	30M Screen 1-1/4" to 1-1/2"
878-CP159413	50M Screen 1-1/4" to 1-1/2"
878-CP159414	80M Screen

PART NO.	DESCRIPTION
PARTS FOR 124 SERIES STRAINERS	
878-CP15403NY	Nylon Bowl for 124A 3/4" to 1"
878-CP77172226BU	Seal, Buna for 124A 3/4" to 1"
878-CP77172226VI	Seal, Viton for 124A 3/4" to 1"
878-CP12291BU	Seal, Buna 124 1-1/4" to 1-1/2"
878-CP12291VI	Seal, Viton 124 1-1/4" to 1-1/2"
PARTS FOR 126 SERIES STRAINERS	
878-CP50493PP	Poly Bowl 3/4" to 1"
878-CP48654PP	Poly Bowl 1-1/4" to 1-1/2"
878-CP50494EPR	Bowl Gasket, EPDM 3/4" to 1"
878-CP50494VI	Bowl Gasket, Viton 3/4" to 1"
878-CP48656EPR	Bowl Gasket, EPDM 1-1/4" to 1-1/2"
878-CP48656VI	Bowl Gasket, Viton 1-1/4" to 1-1/2"
878-CP48655PP	Cap
878-CP63150EPR	Cap Gasket, EPDM
878-CP63150VI	Cap Gasket, Viton



CHEMSAVER® DIAPHRAGM CHECK VALVES & NOZZLE BODIES

PART NO.	DESCRIPTION
878-4664B	Brass check valve opens at 7 PSI, 1/8" NPTF inlet connection, 11/16" male TeeJet outlet thread. Flow rates up to 1-1/2 GPM.
878-835514NYB	Nylon check valve opens at 10 PSI, 1/8" and 1/4" NPTF inlet connection, 11/16" male TeeJet outlet thread. Flow rates up to 2-1/2 GPM.
878-8360NYB	Nylon check valve opens at 10 PSI. 1/4" NPTM inlet connection, 11/16" male TeeJet outlet thread. Flow rates up to 2 GPM.
878-58140NYB	Nylon check valve endcap, opens at 10 PSI. Allows for manual shut-off of individual nozzle bodies. For use with all TeeJet Nozzles with a ChemSaver diaphragm check valve. 150 PSI pressure rating
QUICK TEEJET	
878-QJ835514NYB	Nylon check valve opens at 10 PSI, 1/8" and 1/4" NPTF inlet connections, 11/16" male TeeJet outlet thread. Flow rates up to 2-1/2 GPM. 300 PSI pressure rating.
878-QJ8360NYB	Nylon check valve opens at 10 PSI. 1/4" NPTM inlet connection. Flow rates up to 2 GPM. 300 PSI pressure rating.
878-QJT8360NYB	Nylon check valve opens at 10 PSI, 11/16"-16 female TeeJet thread inlet. Flow rates up to 2 GPM. 300 PSI pressure rating.



Quick Teejet

ADAPTERS – QUICK TEEJET

PART NO.	DESCRIPTION
878-2267414NYB	1/4" Female Thread 45 Degree Adapter
878-QJ14TTNYB	1/4" Male Thread Adapter
878-QJ14TNYB	1/4" Female Thread Adapter
878-QJTNYB	QuickJet Adapter 11/16"-16 Female TeeJet Thread
878-CP19191R	EPDM Gasket Only for QJTNYB



TeeJet
TECHNOLOGIES

CHEMSAVER® DIAPHRAGM CHECK VALVES & NOZZLE BODIES

PARTS FOR DIAPHRAGM CHECK VALVES

4620



PART NO.	DESCRIPTION
878-CP4620FA	Fairprene Diaphragm for brass check valve
878-CP4620VI	Viton® Diaphragm for brass check valve (Lasso)
878-CP21953EPR	EPDM Rubber Diaphragm for Nylon Check Valve
878-CP21953VI	Viton® Rubber Diaphragm for Nylon Check Valve
878-2195010NYB	End Cap Sub Assembly with 10 PSI Spring-Nylon
878-219502NYB	End Cap Sub Assembly with 2 PSI Spring-Nylon
878-CP20266EPDM	Gasket Only, EPDM



CP21953



NOZZLE BODY ASSEMBLIES

Multiple For Dry Booms

Quick TeeJet®

TRIPLE NOZZLE BODY

Provides 3 spray positions available in single or double hose shanks 3/4". Includes ChemSaver® diaphragm check valve for drip-free shutoff. Opens at 10 PSI (0.7bar)

Designed to greatly simplify changing spray tips in the field.



- Maximum operating pressure - 125 PSI (20 bar)
- Positive shut-off between each spray position.
- Used with all Quick TeeJet Caps
- EPDM diaphragm standard, Viton® available as an option
- Designed for use with Quick TeeJet vari-spacing clamps

PART NO.	DESCRIPTION
878-242301785NYB	Single Hose Connection 3/4"
878-242302785NYB	Double Hose Connection 3/4"



NOZZLE BODY ASSEMBLIES

Multiple For Dry Booms

Three or 5 spray positions available with single or double hose shanks in 1/2", 3/4" or 1".

Includes ChemSaver® diaphragm check valve for drip-free shutoff.

Allows for easy change of tips or quick boom flushing.

For pressures up to 300 PSI

FEATURES:

- Quick hand indexing with choice of 3 or 5 different spray tips
- Positive shut-off between each spray position
- Used with all Quick TeeJet Caps
- Mounts to a 3/8" (9.5mm) hole drilled in pipe or tubing
- Molded hex socket in upper clamp for attaching to flat surfaces
- 2.25 GPM (8.5 l/min) flow with a 5 PSI (0.35 bar) pressure drop
- EPDM diaphragm standard, Viton® available as an option
- Hinged upper clamp reduces assembly time and fits inside most boom channels
- Designed for use with Quick TeeJet vari-spacing clamps



PART NO.	DESCRIPTION
878-QJ3635001NYB	3 Nozzle Body with 1/2" L
878-QJ3635002NYB	3 Nozzle Body with 1/2" T
878-QJ3637501NYB	3 Nozzle Body with 3/4" L
878-QJ3637502NYB	3 Nozzle Body with 3/4" T
878-QJ3657501NYB	5 Nozzle Body with 3/4" L
878-QJ3657502NYB	5 Nozzle Body with 3/4" T
878-QJ36510001NYB	5 Nozzle Body with 1" L
878-QJ36510002NYB	5 Nozzle Body with 1" T



CLAMPS – VARI-SPACING

Quick TeeJet



For Use on Dry Boom Quick TeeJet Bodies.
Includes Upper and Lower Clamps and Bolt.



PART NO.	TO FIT
878-QJ11112	1/2" Pipe
878-QJ11134	3/4" Pipe
878-QJ1111	1" Pipe
878-QJ111114	1-1/4" Pipe

PART NO.	TO FIT
878-QJ111SQ34	3/4" Square Tubing
878-QJ111SQ1	1" Square Tubing
878-QJ111SQ114	1-1/4" Square Tubing
878-QJ111SQ112	1-1/2" Square Tubing

NOZZLE BODIES – SINGLE FOR DRY BOOMS

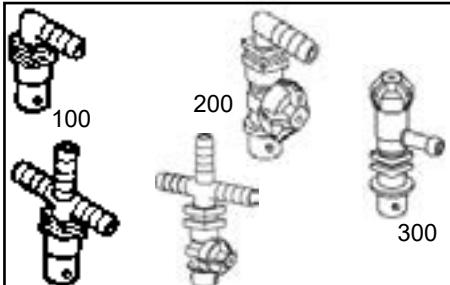


Quick TeeJet®

QJ100 SERIES

- For pressures up to 125 PSI (20 bar)
- Hose barb sizes for 3/8", 1/2" and 3/4" I.D. hose

PART NO.	HOSE I.D.
SINGLE	
878-18635111406NYB	3/8"
878-18638111540NYB	1/2"
878-18719111785NYB	3/4"
DOUBLE	
878-18636112406NYB	3/8"
878-18639112540NYB	1/2"
878-18720112785NYB	3/4"
TRIPLE	
878-18637113406NYB	3/8"
878-18640113540NYB	1/2"
878-18721113785NYB	3/4"



QJ200 SERIES WITH DIAPHRAGM CHECK VALVE

- For pressures up to 125 PSI (20 bar)
- Available with single, double, triple hose shanks for 3/8", 1/2" and 3/4" I.D. hose
- Drip-free shutoff with ChemSaver® Opens at 10 PSI (0.7 bar)
- EPDM diaphragm standard, Viton® available as an option

PART NO.	HOSE I.D.
SINGLE	
878-19349211406NYB	3/8"
878-19349211540NYB	1/2"
878-19349211785NYB	3/4"
DOUBLE	
878-19350212406NYB	3/8"
878-19350212540NYB	1/2"
878-19350212785NYB	3/4"
TRIPLE	
878-19351213785NYB	3/4"



QJ300 SERIES WITH DIAPHRAGM CHECK VALVE LOW PROFILE

- Low-profile design allows maximum protection against damage
- For pressures up to 300 PSI (20 bar)
- Available with single and double hose shanks for 3/8", 1/2" and 3/4" I.D. hose
- Drip-free shutoff with ChemSaver® Opens at 10 PSI (0.7 bar)
- EPDM diaphragm standard, Viton® available as an option

PART NO.	HOSE I.D.
SINGLE	
878-22251311375NYB	3/8"
878-22251311500NYB	1/2"
878-22251311750NYB	3/4"
DOUBLE	
878-22252312375NYB	3/8"
878-22252312500NYB	1/2"
878-22252312750NYB	3/4"



NOZZLE BODIES – SINGLE FOR WET BOOMS

Split eyelet can be mounted to 1/2", 3/4" or 1" pipe or equivalent size tubing. Includes ChemSaver® diaphragm check valve for drip-free shutoff. Opens at 10 PSI (0.7 bar) For pressures up to 300 PSI.

- Mounts to a 3/8" (9.5mm) hole drilled in pipe or tubing
- 1/2" and 3/4" sizes include a mounting hole in upper clamp subassembly for mounting to flat surfaces
- EPDM diaphragm standard, Viton® available as an option

PART NO.	DESCRIPTION
878-QJ1756012NYB	For 1/2" pipe
878-QJ1756034NYB	For 3/4" pipe
878-QJ175601NYB	For 1" pipe



Quick TeeJet®

QJ7421 SERIES

Split eyelet can be mounted to 3/4" or 1" pipe or equivalent size tubing.
For pressures up to 300 PSI.

- Mounts to a 3/8" (9.5mm) hole drilled in pipe or tubing
- 1/2" and 3/4" sizes include a mounting hole in upper clamp subassembly for mounting to flat surfaces
- Uses National number 110 for replacement o-ring

PART NO.	DESCRIPTION
878-QJ7421NYB34	For 3/4" pipe
878-QJ7421NYB1	For 1" pipe



7421 SERIES – METAL

Exclusive twin bolt split clamp assembly made of heavy duty zinc-plated steel to provide rigid mounting. Can be mounted to 1/2", 3/4" or 1" pipe or tubing. Mounts to 9/32" (7.2mm) hole drilled in pipe or tubing. Large diameter inlet for free flow up to 5 GPM capacity tips. Elevated inlet keeps sediment out of nozzle.
For pressures up to 250 PSI.

PART NO.	DESCRIPTION
878-742134CT	For 3/4" Pipe, Brass
878-742134TNYB	For 3/4" Pipe, Nylon
878-CP7418BU	Buna-N Gasket for 7421 Series



Use With All
Interchangeable
Spray Tips

CAPS

For Use with Flat Spray Tips Up to 300 PSI

Quick TeeJet



CP25611



CP25597



CP25607

PART NO.	COLOR	DESCRIPTION / APPLICATION	PART NO.	COLOR	DESCRIPTION / APPLICATION		
CP25611 SERIES							
878-CP1144401CE	Black	Smaller Capacity Flat Spray Tips - TP 0067 thru 08, XR 01 thru 08, DG, TT, Turbo TwinJet, AIXR, OC 01 thru 08	878-CP255991NY	Black	Turbo FloodJet, TK-VS FloodJet. All Require CP19438 gasket		
878-CP1144402CE	White		878-CP255993NY	Red			
878-CP1144403CE	Red		878-CP255994NY	Blue			
878-CP1144404CE	Blue		878-CP255996NY	Yellow			
878-CP1144405CE	Green		CP25607 SERIES				
878-CP1144406CE	Yellow		878-CP1144441CE	Black	TK FloodJet, FL FullJet, TX ConeJet, TG Full Cone, Hose Shank. All Require CP19438 gasket with exception of Disc-Core which requires CP18999 gasket		
878-CP1144407CE	Brown		878-CP1144442CE	White			
878-CP1144408CE	Orange		878-CP1144443CE	Red			
878-CP1144409CE	Gray		878-CP1144444CE	Blue			
878-CP1144410CE	Violet		878-CP1144445CE	Green			
CP25609 SERIES			878-CP1144446CE	Yellow			
878-CP256093NY	Red	Larger Capacity Flat Spray Tips TP 10 thru 20, XR 10 thru 15	878-CP1144447CE	Brown			
878-CP256096NY	Yellow		878-CP1144448CE	Orange			
CP25597 SERIES			878-CP1144449CE	Grey			
878-CP1144421CE	Black	TwinJet, AI & AIUB, SJ-3 Streamjet, DG TwinJet, Turbo Induction. All Require CP19438 gasket	878-CP11444410CE	Violet			
878-CP1144422CE	White		QUICK TEEJET SHUTOFF CAP				
878-CP1144423CE	Red		878-1144471CEL	Black	Temporarily Shut Off Selected Quick TeeJet Nozzles		
878-CP1144424CE	Blue		QUICK TEEJET ADAPTER				
878-CP1144425CE	Green		878-QJ467614NYR	Permits Use of Standard 1/4" NPTM Nozzles with Quick TeeJet Body Assemblies			
878-CP1144426CE	Yellow						
878-CP1144427CE	Brown						
878-CP1144428CE	Orange						
878-CP1144429CE	Gray						
878-CP11444210CE	Violet						

SEAT GASKETS FOR CAPS



PART NO.	DESCRIPTION
878-CP19438EPR	EPDM Seat Gasket for all TeeJet Tips except Disc-Core.
878-CP19438VI	Viton® Seat Gasket for all TeeJet Tips except Disc Core.
878-CP18999EPR	EPDM Seat Gasket for TeeJet Disc-Core.

CAPS AND ACCESSORIES – RETROFIT

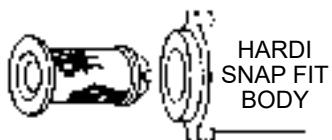
HARDI®

For Use with Flat Spray Tips, Pressures Up to 150 PSI

PART NO.	COLOR	DESCRIPTION / APPLICATION
CP21399 SERIES		
878-CP213993CE	Red	
878-CP213994CE	Blue	TwinJet, AI & AIUB, SJ-3 StreamJet, DG TwinJet, Turbo Induction. All Require CP23308 gasket
878-CP213996CE	Yellow	
CP23307 SERIES		
878-CP233075CE	Green	Smaller Capacity Tips - TP 0067 thru 08, XR 01 thru 08, DG, TT, Turbo TwinJet, AIXR, OC 01 thru 08. All Require CP23308 gasket
878-CP233076CE	Yellow	



SEAT GASKETS FOR CAPS



PART NO.	DESCRIPTION
878-CP23308EPR	Seat Gasket EPDM
878-CP26227EPR	Seat Gasket EPDM



NOTE: When using TeeJet strainer, use CP26227 strainer seal gasket instead of CP23308 seat gasket.

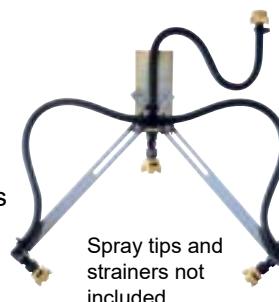
ROW APPLICATION KIT ADJUSTABLE

Designed to apply post-emergence chemicals over crop rows.
Stainless steel arms adjust for length and angle without removing bolts.

For pressures up to 125 PSI

Features:

- Positioning one arm at proper angle automatically sets correct angle of second arm
- Fits square or round booms up to 1-1/2" diameter
- Kit includes standard and Quick TeeJet nozzle bodies
- Side nozzle bodies may be rotated
- Spray tips and strainers not included



PART NO.	DESCRIPTION
878-23770SS	Row application kit with stainless steel arms

NOZZLE BODY – SWIVEL

QJ8600 SERIES

Provide the same spray tip adjustability of a standard TeeJet threaded swivel plus the quick change and self-aligning features of the Quick TeeJet System.



878-QJ860014NYB
Single Swivel 1/4" NPTF
Pipe Thread



878-QJ8600214NYB
Double Swivel 1/4" NPTF
Pipe Thread

BRASS AND NYLON

Primarily for use with tips employed in row crop spraying. Locknut holds swivel bodies firmly in position at selected spray projection angle so they are unaffected by jarring and vibration.

For pressures up to 125 PSI, 1/4" NPT Female Threaded Inlet, 280° swivel arc range



Type 4202
Double Swivel



Type 5000
Single Swivel

PART NO.	DESCRIPTION
878-4202214T	Brass Double Swivel
878-500014T	Brass Single Swivel
878-860014TNYB	Nylon Single Swivel
878-8600214TNYB	Nylon Double Swivel



Type 8600
Single Swivel



Type 8600-2
Double Swivel

HOSE DROP ASSEMBLIES – NYLON

Connect to Standard and Quick TeeJet Nozzle Bodies and can also be used with Swivels. 1/4" NPT Male Thread Outlet available in 15", 16", 24" Lengths.

For Pressures up to 125 PSI



21353
Quick TeeJet



SDA
11/16"-16 TeeJet Thread

PART NO.	DESCRIPTION
878-21353615NYB	15" Hose Assembly
878-21353624NYB	24" Hose Assembly

CLAMP ASSEMBLIES

For Use with Hose Shank Nozzle Bodies.
Includes Upper and Lower Clamps and Bolt. Made of Zinc Plated Steel



PART NO.	TO FIT
878-11112	1/2" Pipe
878-11134	3/4" Pipe
878-11111	1" Pipe
878-111114	1-1/4" Pipe



PART NO.	TO FIT
878-111SQ1	1" Square Tubing
878-111SQ114	1-1/4" Square Tubing
878-111SQ112	1-1/2" Square Tubing



To Order Call Toll Free 877-55 GO SMA 877-554-6762

NOZZLE BODIES – HOSE SHANK

Nylon, Brass and Celcon/Stainless Steel

Barbed x MNPT, for Pressures Up To 125 PSI

PART NO.	CONNECTION
NYLON	
878-12670406TD	3/8" Straight
878-8120NY406TD	3/8" Tee
878-8121NY406TD	3/8" Elbow 90°
878-8121NY540TD	1/2" Elbow 90°
878-8120NY540TD	1/2" Tee

PART NO.	CONNECTION
BRASS	
878-6471A400TD	3/8" Elbow 90°
878-6472A400TD	3/8" Tee
878-9191A531TD	1/2" Elbow 90°
878-9192A531TD	1/2" Tee
878-CP5609	Locknut



PART NO.	CONNECTION
CELCON SHANK / STAINLESS STEEL MPT OUTLET	
878-12201CE785TD	3/4" Elbow 90°
878-12201CE1062TD	1" Elbow 90°
878-12202CE785TD	3/4" Tee
878-12202CE1062TD	1" Tee



HOSE SHANK ADAPTERS – POLY

Barb x 11/16" Male Thread, Nut Included



STRAIGHT CONNECTION

PART NO.	BARB
920-38D	3/8"
920-3812D	1/2"

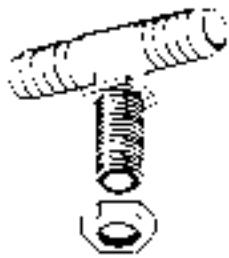
90° ELBOW CONNECTION

PART NO.	BARB
920-NTL38	3/8"
920-NTL12	1/2"
920-NTL58	5/8"
920-NTL34	3/4"



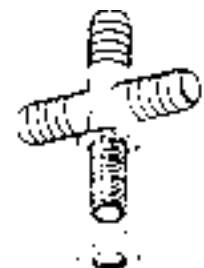
TEE CONNECTION

PART NO.	BARB
920-NTT38	3/8"
920-NTT12	1/2"
920-NTT58	5/8"
920-NTT34	3/4"



THREE-WAY CONNECTION

PART NO.	BARB
920-T38C	3/8"
920-T12C	1/2"



CAP AND NUT 11/16" Thread

PART NO.	BARB
920-8027	Cap
920-B12N	Nut Only



WE SUPPLY SUCCESS

WWW.SMALINK.COM

NOZZLE PARTS

TeeJet

NOZZLE CAP

Secure interchangeable TeeJet tips to the various nozzle bodies.
Winged cap allows quick change of spray tips with no tools required.



Fits all 11/16" TeeJet
Nozzle Threads

PART NO.	STYLE	MATERIAL
878-CP1325	Hex	Brass
878-CP8027NYB	Hex	Nylon
878-CP18032ANYB	Winged	Nylon



11/16" Male Body



NOZZLE BODY

PART NO.	SIZE	MATERIAL
TYPE TT MALE INLET NPT		
878-CP1322	1/4"	Brass
878-CP8028NYB	1/4"	Nylon
TYPE T FEMALE INLET NPT		
878-CP1335	1/8"	Brass
878-CP1321	1/4"	Brass
878-CP12094NYB	1/4"	Nylon

OUTLET ADAPTER

Fits Nozzle Bodies, various GunJet spray guns and shutoff valves. Replaces CP1325 Cap.

Used for attaching hose drops to nozzles or extensions to spray guns.



11/16" Female
Nozzle Thread

PART NO.	SIZE	MATERIAL
878-467614	1/4"	Brass
878-4676NYB14	1/4"	Nylon

PLUG TIP

To temporarily shut off selected nozzles, by replacing spray tips with these plug tips. Easy, quick way to change spacing of operating nozzles on boom.
Available brass or stainless steel.



PART NO.	DESCRIPTION
878-CP3942	Brass
878-CP3942SS	Stainless Steel

HOSE SHANKS

For attaching hose to nozzle body. Fits all standard TeeJet Nozzle caps, replacing spray tips.



PART NO.	HOSE I.D.	MATERIAL
878-8400406NYB	3/8"	Nylon
878-8400T406NYB	3/8"	Body with Hose Shank Connection
878-8400500NYB	1/2"	Nylon
878-4251375	3/8"	Brass
878-4251500	1/2"	Brass



To Order Call Toll Free 877-55 GO SMA 877-554-6762

TeeJet® Broadcast Nozzle Selection Guide

	HERBICIDES				FUNGICIDES		INSECTICIDES		DRIFT MANAGEMENT	PWM NOZZLE CONTROL		
	SOIL APPLIED	POST-EMERGENCE		CONTACT	SYSTEMIC	CONTACT	SYSTEMIC					
		CONTACT	SYSTEMIC									
 Turbo Teejet®		VERY GOOD	VERY GOOD	VERY GOOD	VERY GOOD	VERY GOOD	VERY GOOD	VERY GOOD	VERY GOOD	EXCELLENT		
 Turbo Teejet® at pressures below 30 PSI (2.0 bar)	GOOD	GOOD	EXCELLENT	GOOD	EXCELLENT	GOOD	EXCELLENT	VERY GOOD	VERY GOOD	EXCELLENT		
 Turbo TwinJet®	GOOD	EXCELLENT	EXCELLENT	EXCELLENT	EXCELLENT	EXCELLENT	EXCELLENT	VERY GOOD	VERY GOOD	EXCELLENT		
 Turbo TwinJet® at pressures below 30 PSI (2.0 bar)	VERY GOOD	VERY GOOD	EXCELLENT	VERY GOOD	EXCELLENT	VERY GOOD	EXCELLENT	EXCELLENT	EXCELLENT	EXCELLENT		
 Turbo TeeJet Induction	EXCELLENT		EXCELLENT		EXCELLENT			EXCELLENT	EXCELLENT			
 Air Induction Turbo TwinJet®	VERY GOOD	GOOD	EXCELLENT	GOOD	EXCELLENT	GOOD	EXCELLENT	EXCELLENT	EXCELLENT			
 AI3070®		VERY GOOD	VERY GOOD	EXCELLENT	VERY GOOD	EXCELLENT	VERY GOOD	EXCELLENT				
 XR, XRC Teejet®		EXCELLENT	GOOD	EXCELLENT	GOOD	EXCELLENT	GOOD	GOOD	GOOD	EXCELLENT		
 XR, XRC Teejet® at pressures below 30 PSI (2.0 bar)	GOOD	GOOD	VERY GOOD	GOOD	VERY GOOD	GOOD	VERY GOOD	VERY GOOD	VERY GOOD	EXCELLENT		
 AIXR Teejet®	VERY GOOD	GOOD	EXCELLENT	GOOD	EXCELLENT	GOOD	EXCELLENT	EXCELLENT	EXCELLENT			
 AI, AIC Teejet®	VERY GOOD	GOOD	EXCELLENT	GOOD	EXCELLENT	GOOD	EXCELLENT	EXCELLENT	EXCELLENT			
 TwinJet®		EXCELLENT		EXCELLENT		EXCELLENT				GOOD		
 DG TwinJet®	VERY GOOD	VERY GOOD	EXCELLENT	VERY GOOD	EXCELLENT	VERY GOOD	EXCELLENT	VERY GOOD	VERY GOOD	GOOD		
 Turbo FloodJet®	EXCELLENT		VERY GOOD		VERY GOOD		VERY GOOD	EXCELLENT	EXCELLENT			
 TurfJet®	EXCELLENT		EXCELLENT		EXCELLENT		EXCELLENT	EXCELLENT	EXCELLENT			
 QCTF Turbo FloodJet®	EXCELLENT								EXCELLENT			

Note: Consult the chemical manufacturer's product label for specific rate and application recommendations.



Specialty Application Nozzle Selection Guide

		HERBICIDES			FUNGICIDES		INSECTICIDES	
BANDING	PRE-EMERGENCE	POST-EMERGENCE		CONTACT	SYSTEMIC	CONTACT	SYSTEMIC	CONTACT
		CONTACT	SYSTEMIC					
BANDING	AI TeeJet EVEN	EXCELLENT	GOOD	EXCELLENT	GOOD	EXCELLENT	GOOD	EXCELLENT
	TeeJet EVEN	GOOD	VERY GOOD	GOOD	VERY GOOD	GOOD	VERY GOOD	GOOD
	TwinJet EVEN		EXCELLENT		EXCELLENT		EXCELLENT	
DIRECTED SPRAYING	AI TeeJet	VERY GOOD	GOOD	EXCELLENT	GOOD	EXCELLENT	GOOD	EXCELLENT
	TeeJet	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD
	TwinJet		VERY GOOD		VERY GOOD		VERY GOOD	
AIR BLAST	AIUB TeeJet		GOOD	EXCELLENT	GOOD	EXCELLENT	GOOD	EXCELLENT
	AITX ConeJet		GOOD	EXCELLENT	GOOD	EXCELLENT	GOOD	EXCELLENT
	ConeJet		EXCELLENT		EXCELLENT		EXCELLENT	
AIR BLAST	ConeJet		EXCELLENT	GOOD	EXCELLENT	GOOD	EXCELLENT	GOOD
	Disc-Core		EXCELLENT	GOOD	EXCELLENT	GOOD	EXCELLENT	GOOD

Note: Consult the chemical manufacturer's product label for specific rate and application recommendations.

TeeJet® Liquid Fertilizer Nozzle Selection Guide

	BROADCAST	DIRECTED
 StreamJet (7-ORIFICE)	EXCELLENT	VERY GOOD
 StreamJet (3-ORIFICE)	VERY GOOD	EXCELLENT
 StreamJet (SINGLE-ORIFICE)		EXCELLENT
 CP4916 (ORIFICE PLATE)		EXCELLENT
 TP TeeJet (LARGE CAPACITY)	VERY GOOD	
 AI TeeJet AIC TeeJet (LOW VOLUME)	VERY GOOD	
 AIUB TeeJet (LOW VOLUME)		VERY GOOD
 Turbo TeeJet Induction	EXCELLENT	
 Turbo FloodJet	EXCELLENT	
 QCTF Turbo FloodJet	EXCELLENT	

LIQUID FERTILIZER APPLICATION

Just as in applying crop protection products, the proper application of liquid fertilizer is important. Delivering nutrients to the crop in a timely and effective manner while minimizing crop damage is essential. TeeJet Technologies offers an extensive selection of nozzles specifically designed to maximize the performance of your liquid fertilizer application.

Solid stream nozzles, offered in both single- and multiple-stream versions, are designed to deliver fertilizer to the soil surface where it can be effectively utilized by the crop. By creating solid liquid streams, these nozzles greatly reduce foliar coverage in standing crop in order to minimize leaf burn. TeeJet Technologies StreamJet nozzles provide the ideal blend of compact, reliable design, ease of installation and affordable pricing.

In some cases, the use of a broadcast nozzle for fertilizer application may be desirable. This could include combined fertilizer/pesticide applications, foliar feeding or broadcast liquid fertilization of bare ground. For these applications TeeJet Technologies offers a wide variety of low drift, flat spray nozzles.

Liquid Density Conversion

When selecting a specific capacity tip for liquid fertilizer application, always correct for liquid density. Application charts shown in this catalog are based on spraying water. Many fertilizer solutions are denser than water, which will affect the application rate. Please see page 125 for a list of density conversion factors.

Example:

Desired application rate is 20 GPA of 28% Nitrogen. Determine the correct nozzle size as follows:

$$\text{GPA (liquid other than water)} \times \text{Conversion Factor} = \text{GPA}$$

$$20 \text{ GPA (28\%)} \times 1.13 = 22.6 \text{ GPA (water)}$$

The applicator should choose a nozzle size that will supply 22.6 GPA of water at the desired pressure.



Note: Consult the chemical manufacturer's product label for specific rate and application recommendations.

BoomJet SPRAY NOZZLES BOOMLESS

Extra Wide Flat Spray Projection

Type 5880 BoomJet Nozzle combines two off-center tips and three VeeJet Nozzles to produce an overall wide swath flat spray. Nozzle assembly provides good distribution for the wide pattern coverage obtained. Supplied with one additional 1/4" NPT pipe plug and one blank tip for setting BoomJet to spray to one side only. Type 5880 also has a 1/4" NPT pressure gauge port. Type 4629 BoomJet Nozzle is a large capacity swivel nozzle. The inlet connection is 3/4" NPTF for use as a boomless type nozzle.



TYPE 5880

PART NO.	OC TIPS (2)	TOP NOZZLES (2)	BOTTOM NOZZLES (1)	LIQUID PSI	GPM	GALLONS PER ACRE			
						"W" Feet	at 5 MPH	at 10 MPH	at 15 MPH
878-5880342TOC10	OC10	H14U0508HE	H14VVL11004	30	3.5	40	8.6	4.3	2.9
878-5880342TOC20	OC20	H14U0520HE	H14VVL9506	30	7.4	50	14.7	7.4	4.9
878-462934TOC10	OC10	—	—	30	0.87	18	4.8	2.4	1.6
878-462934TOC20	OC20	—	—	30	1.74	23.5	7.3	3.6	2.4

SWIVEL SPRAY NOZZLES WITH OFF-CENTER FLAT SPRAY TIPS

PART NO.	DESCRIPTION
878-H14U0508HE	VeeJet top nozzle for # 10 BoomJet.
878-H14U0520HE	VeeJet top nozzle for # 20 BoomJet.
878-H14VVL11004	VeeJet bottom nozzle for #10 BoomJet.
878-H14VVL9506	VeeJet bottom nozzle for #20 BoomJet.



TYPE4629
3/4" NPT Female
Inlet Connection

BOOMLESS NOZZLE

Just screw this nozzle into a piece of pipe, hook in a quick-acting valve and you have a sprayer for tractors or trucks that will cover a strip up to 56 feet wide. Provides even, thorough spray distribution. Fitted with 2 caps, one for 180° and one for 90°. To change from one spray pattern to the other, simply take out two screws and interchange caps.



- Made with Brass
- 1/2" IPT Connection

PART NO.	GPM
400-65401	5
400-65411	10
400-65431	20

HAMILTON

NOTE: 90° Nozzle caps have same Gallons Per Acre as shown for 180° but half the swath.

ORIFICE	PSI	GPM 180°	SWATH 180°	GALLONS PER ACRE				
				3 MPH	4 MPH	5 MPH	8 MPH	10 MPH
#5	30	1.7	44'	6.4	4.8	3.8	2.4	1.9
	40	2.0	46'	.2	5.4	4.3	2.7	2.2
	50	2.2	48'	4.6	5.7	4.5	2.9	2.3
	60	2.4	50'	7.9	5.9	4.8	3.0	2.4
#10	30	3.7	50'	12.2	9.2	7.3	4.6	3.7
	40	4.2	50'	13.9	10.4	8.3	5.2	4.2
	50	4.6	52'	14.6	10.9	8.8	5.5	4.4
	60	5.0	52'	15.8	11.9	9.5	5.9	4.8
#20	30	5.1	54'	15.6	11.6	9.3	5.8	4.7
	40	5.9	54'	18.0	13.5	10.8	6.8	5.4
	50	6.7	56'	19.7	14.8	11.8	7.4	5.9
	60	7.1	58'	20.2	15.1	12.1	7.6	6.1



SPRAY TIPS – FLAT

TeeJet

Flat Spray with tapered edge spray patterns assure overall uniform coverage by the boom and with no excess spray in the overlap zones. Each tip should be rotated 12 to 15 degrees from boom so that spray patterns are slightly offset.



- Stainless Steel Will Maintain Correct Spray Pattern up to 10 Times Longer than Brass
- Molded Polymer Tips Will Wear as Long or Longer than Brass
- The End Number(s) on Tip Designate 10ths of a Gallon Output at 40 PSI
Example - 8001E = 1/10 gallon, 8010E = 1 gallon

STAINLESS STEEL

Stainless Steel Core

80°	110°
878-TP8001VS (Orange)	878-TP11002VS (Yellow)
878-TP80015VS (Green)	878-TP11003VS (Blue)
878-TP8002VS (Yellow)	878-TP11004VS (Red)
878-TP8003VS (Blue)	
878-TP8004VS (Red)	
878-TP8005VS (Brown)	
878-TP8006VS (Gray)	
878-TP8008VS (White)	



Full Stainless Steel

25°
878-TP2502SS
878-TP2503SS

Recommended Strainer

- # 1 and 1.5 100 mesh
- # 2 thru 8 50 mesh
- # 10 and above no strainer required

POLYMER

80° 8000 Series and 110° 11000 Series

878-TP8002VP (Yellow)	878-TP8005VP (Brown)	878-TP11003VP (Blue)	878-TP11006VP (Gray)
878-TP8003VP (Blue)	878-TP8006VP (Gray)	878-TP11004VP (Red)	
878-TP8004VP (Red)	878-TP8008VP (White)	878-TP11005VP (Brown)	

BRASS

25° 2500 Series, 80° 8000 Series, 95° 9500 Series, 110° 1100 Series



878-TP8001	878-TP8003	878-TP8006	878-TP9501	878-TP9504	878-TP11002
878-TP8001.5	878-TP8004	878-TP8008	878-TP9501.5	878-TP9505	878-TP11003
878-TP8002	878-TP8005	878-TP8010	878-TP9502	878-TP9506	878-TP11004

OFF-CENTER – BRASS

Used to direct spray, extend boom coverage and other applications including boomless spraying.

Internally threaded so tips may be used with either threaded or flanged strainers.



1/4" NOZZLE	3/4" NOZZLE
878-OC02	878-OC08
878-OC03	878-OC010
878-OC06	



To Order Call Toll Free 877-55 GO SMA 877-554-6762



SPRAY TIPS – FLAT WIDE ANGLE TURBO FLOODJET

- Excellent Spray Distribution Quality
- Nozzle Design Incorporates a Pre-orifice to Provide Larger Droplets for Less Drift
- Wide Spray at Low Pressure
- Large Orifice Reduces Clogging
- VisiFlo Color-coding for Easy Capacity Identification
- Available in Stainless Steel (VS) or Poly (VP)
- Can be Used with No. CP25600-NYR Quick TeeJet Cap for Automatic Alignment



STAINLESS STEEL CORE

VisiFlo Color-Coded

878-TFVS2	(Red)	878-TFVS4	(White)	878-TFVS75	(Lt. Green)
878-TFVS25	(Brown)	878-TFVS5	(Lt. Blue)	878-TFVS10	(Black)
878-TFVS3	(Gray)				



POLYMER CORE

VisiFlo Color-Coded

878-TFVP2	(Red)	878-TFVP4	(White)	878-TFVP75	(Lt. Green)
878-TFVP25	(Brown)	878-TFVP5	(Lt. Blue)	878-TFVP10	(Black)
878-TFVP3	(Gray)				



SPRAY TIPS – FLOODJET



The FloodJet Tips produce a very wide deflector type spray pattern with large droplets for less drift. Round orifice reduces clogging. For fertilizers and other chemicals.

VS STAINLESS STEEL CORE

PART NO.	COLOR
878-TKVS2	Red
878-TKVS25	Brown
878-TKVS3	Gray
878-TKVS4	White
878-TKVS5	Lt. Blue
878-TKVS75	Lt. Green
878-TKVS10	Black

VisiFlo Color-Coded

SS FULL STAINLESS STEEL

PART NO.
878-TKSS1
878-TKSS15
878-TKSS2
878-TKSS25
878-TKSS3
878-TKSS5
878-TKSS75
878-TK15SS (#15)
878-TKSS20

BRASS

PART NO.
878-TK1
878-TK15
878-TK2
878-TK25
878-TK3
878-TK4
878-TK5
878-TK75
878-TK10
878-TK15B (#15)



SPRAY TIPS – EVEN



Even Spray Tips provide uniform distribution across the entire band width. They are not intended to overlap as the flat spray is.

- Ideal for Banding Over the Row or in Row Middles
- Provides Uniform Distribution Throughout the Flat Spray Pattern
- Easily Mounted on Spray Boom or Planter
- The End Number(s) on Tip Designate 10ths of a Gallon Output at 40 PSI
Example - 8001E = 1/10 gallon, 8010E = 1 gallon

STAINLESS STEEL

80° – 8000 Series and 95° – 9500 Series

STAINLESS STEEL CORE	
878-TP8001EVS	(Orange)
878-TP80015EVS	(Green)
878-TP8002EVS	(Yellow)
878-TP8003EVS	(Blue)
878-TP8004EVS	(Red)
878-TP8005EVS	(Brown)
878-TP8006EVS	(Gray)
878-TP8008EVS	(White)



Recommended Strainer

- # 1 and 1.5 100 mesh
- # 2 thru 8 50 mesh
- # 10 and above no strainer required

BRASS

80° – 8000 Series



95° – 9500 Series

878-TP8001E	878-TP8005E	878-TP9502E	878-TP9505E
878-TP8002E	878-TP8006E	878-TP9503E	878-TP9506E
878-TP8003E	878-TP8008E	878-TP9504E	878-TP9508E
878-TP8004E	878-TP8010E		

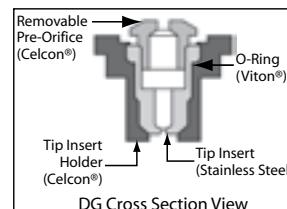
SPRAY TIPS – DRIFT GUARD



- Pre-orifice Design Produces Large Droplets to Reduce Drift
- Reduce Small Drift Prone Droplets, Minimizing Off Target Spray Contamination
- Even Flat Spray Pattern Ideal for Banding Over the Row or in Row Middles
- Tapered Edge Flat Spray Pattern Provides Uniform Coverage When Adjacent Nozzle Patterns are Overlapped in Broadcast Spraying

TYPICAL APPLICATIONS:

Can be used for pre-emerge surface applied herbicides or post-emerge systemic herbicide applications.



NOTE:

Due to pre-orifice design, this tip is not compatible with the 4193A check valve

80° 8000 Series Flat	110° 1100 Series Flat	95° 9500 Series Even
878-DG80015VS	878-DG110015VS	878-DG95015EVS
878-DG8002VS	878-DG11002VS	878-DG9502EVS
878-DG8003VS	878-DG11003VS	878-DG9503EVS
878-DG8004VS	878-DG11004VS	878-DG9504EVS
878-DG8005VS		



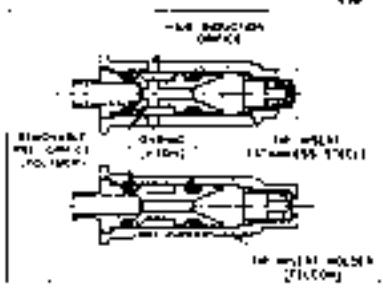
To Order Call Toll Free 877-55 GO SMA 877-554-6762

SPRAY TIPS – AIR INDUCTION FLAT

- Stainless Steel Insert Produces a Tapered Edge Flat Spray Pattern for Uniform Coverage in Broadcast Spraying Applications
- Larger Droplets for Less Drift
- The AI Produces Large Air-filled Drops Through the Use of a Venturi Air-aspirator
- Polymer Insert Holder and Pre-orifice with VisiFlo Color-coding
- Uses CP25597 Series QuickJet Caps



“Air Induction” Technology



NOTE:

Due to pre-orifice design, this tip is not compatible with the 4193A check valve

PART NO.	ORIFICE	COLOR
878-AI110015VS	1.5	Green
878-AI11002VS	2	Yellow
878-AI110025VS	2.5	Turquoise
878-AI11003VS	3	Blue
878-AI11004VS	4	Red
878-AI11005VS	5	Brown
878-AI11006VS	6	Gray



SPRAY TIPS AND CAPS – AIR INDUCTION “AIC”

- Produces a 110° Tapered Edge Flat Spray Pattern for Uniform Coverage in Broadcast Spraying Applications
- Larger Droplets for Less Drift
- The AI Produces Large Air-filled Drops Through the Use of a Venturi Air-aspirator
- The AI Nozzle Molded into QuickTeeJet® Cap Provides Automatic Spray Alignment
- Includes Tightly Fitting Washer that Stays Put and Assures a Good Seal



PART NO.	ORIFICE	COLOR
878-AIC11002VS	2	Yellow
878-AIC110025VS	2.5	Turquoise
878-AIC11003VS	3	Blue
878-AIC11004VS	4	Red
878-AIC11005VS	5	Brown



NOTE:
Due to pre-orifice design, this tip is not compatible with the 4193A check valve

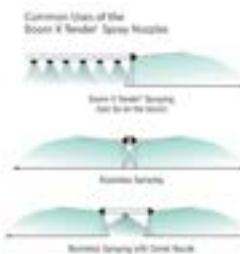
SPRAY NOZZLES BOOMLESS – HYPRO

BOOM X-TENDER®

Excellent low drift option while extending spray reach. The standard series has easy-to-install standard male pipe threads and precision molded polyacetal tip with stainless steel body to provide excellent durability and low maintenance. FastCap design includes tip, cap and gasket for fast change out and safer handling.



- Consistant Spray Swath of 15-20 Ft.
- Large Droplet Size Reduces Spray Drift
- Use with Automatic or Manual Rate Controllers
- Wide Operating Pressure Range 30-60 PSI



PART NO.	DESCRIPTION
449-FCXT024	FC Boom X-Tender 2.4 GPM Yellow, Includes Tip and Fastcap
449-XT010	XT Boomless Nozzle 1/4" NPT, Green
449-XT020	Boom X-Tender Nozzle Blue
449-XT024	Boom X-Tender Nozzle Yellow

Spray Pattern Width vs. Pressure		Spray Pattern Width vs. Flow		Spray Pattern Width vs. Angle		Spray Pattern Width vs. Distance	
1/4" NPT	FC XT024	1.0	0.5	0.5	0.5	0.5	0.5
1/4" NPT	XT010	1.0	0.5	0.5	0.5	0.5	0.5
1/4" NPT	XT020	1.0	0.5	0.5	0.5	0.5	0.5
1/4" NPT	XT024	1.0	0.5	0.5	0.5	0.5	0.5
1/4" NPT	XT010	1.0	0.5	0.5	0.5	0.5	0.5
1/4" NPT	XT020	1.0	0.5	0.5	0.5	0.5	0.5
1/4" NPT	XT024	1.0	0.5	0.5	0.5	0.5	0.5
1/4" NPT	XT010	1.0	0.5	0.5	0.5	0.5	0.5
1/4" NPT	XT020	1.0	0.5	0.5	0.5	0.5	0.5
1/4" NPT	XT024	1.0	0.5	0.5	0.5	0.5	0.5
1/4" NPT	XT010	1.0	0.5	0.5	0.5	0.5	0.5
1/4" NPT	XT020	1.0	0.5	0.5	0.5	0.5	0.5
1/4" NPT	XT024	1.0	0.5	0.5	0.5	0.5	0.5
1/4" NPT	XT010	1.0	0.5	0.5	0.5	0.5	0.5
1/4" NPT	XT020	1.0	0.5	0.5	0.5	0.5	0.5
1/4" NPT	XT024	1.0	0.5	0.5	0.5	0.5	0.5
1/4" NPT	XT010	1.0	0.5	0.5	0.5	0.5	0.5
1/4" NPT	XT020	1.0	0.5	0.5	0.5	0.5	0.5
1/4" NPT	XT024	1.0	0.5	0.5	0.5	0.5	0.5
1/4" NPT	XT010	1.0	0.5	0.5	0.5	0.5	0.5
1/4" NPT	XT020	1.0	0.5	0.5	0.5	0.5	0.5
1/4" NPT	XT024	1.0	0.5	0.5	0.5	0.5	0.5
1/4" NPT	XT010	1.0	0.5	0.5	0.5	0.5	0.5
1/4" NPT	XT020	1.0	0.5	0.5	0.5	0.5	0.5
1/4" NPT	XT024	1.0	0.5	0.5	0.5	0.5	0.5
1/4" NPT	XT010	1.0	0.5	0.5	0.5	0.5	0.5
1/4" NPT	XT020	1.0	0.5	0.5	0.5	0.5	0.5
1/4" NPT	XT024	1.0	0.5	0.5	0.5	0.5	0.5
1/4" NPT	XT010	1.0	0.5	0.5	0.5	0.5	0.5
1/4" NPT	XT020	1.0	0.5	0.5	0.5	0.5	0.5
1/4" NPT	XT024	1.0	0.5	0.5	0.5	0.5	0.5
1/4" NPT	XT010	1.0	0.5	0.5	0.5	0.5	0.5
1/4" NPT	XT020	1.0	0.5	0.5	0.5	0.5	0.5
1/4" NPT	XT024	1.0	0.5	0.5	0.5	0.5	0.5
1/4" NPT	XT010	1.0	0.5	0.5	0.5	0.5	0.5
1/4" NPT	XT020	1.0	0.5	0.5	0.5	0.5	0.5
1/4" NPT	XT024	1.0	0.5	0.5	0.5	0.5	0.5
1/4" NPT	XT010	1.0	0.5	0.5	0.5	0.5	0.5
1/4" NPT	XT020	1.0	0.5	0.5	0.5	0.5	0.5
1/4" NPT	XT024	1.0	0.5	0.5	0.5	0.5	0.5
1/4" NPT	XT010	1.0	0.5	0.5	0.5	0.5	0.5
1/4" NPT	XT020	1.0	0.5	0.5	0.5	0.5	0.5
1/4" NPT	XT024	1.0	0.5	0.5	0.5	0.5	0.5
1/4" NPT	XT010	1.0	0.5	0.5	0.5	0.5	0.5
1/4" NPT	XT020	1.0	0.5	0.5	0.5	0.5	0.5
1/4" NPT	XT024	1.0	0.5	0.5	0.5	0.5	0.5
1/4" NPT	XT010	1.0	0.5	0.5	0.5	0.5	0.5
1/4" NPT	XT020	1.0	0.5	0.5	0.5	0.5	0.5
1/4" NPT	XT024	1.0	0.5	0.5	0.5	0.5	0.5
1/4" NPT	XT010	1.0	0.5	0.5	0.5	0.5	0.5
1/4" NPT	XT020	1.0	0.5	0.5	0.5	0.5	0.5
1/4" NPT	XT024	1.0	0.5	0.5	0.5	0.5	0.5
1/4" NPT	XT010	1.0	0.5	0.5	0.5	0.5	0.5
1/4" NPT	XT020	1.0	0.5	0.5	0.5	0.5	0.5
1/4" NPT	XT024	1.0	0.5	0.5	0.5	0.5	0.5
1/4" NPT	XT010	1.0	0.5	0.5	0.5	0.5	0.5
1/4" NPT	XT020	1.0	0.5	0.5	0.5	0.5	0.5
1/4" NPT	XT024	1.0	0.5	0.5	0.5	0.5	0.5
1/4" NPT	XT010	1.0	0.5	0.5	0.5	0.5	0.5
1/4" NPT	XT020	1.0	0.5	0.5	0.5	0.5	0.5
1/4" NPT	XT024	1.0	0.5	0.5	0.5	0.5	0.5
1/4" NPT	XT010	1.0	0.5	0.5	0.5	0.5	0.5
1/4" NPT	XT020	1.0	0.5	0.5	0.5	0.5	0.5
1/4" NPT	XT024	1.0	0.5	0.5	0.5	0.5	0.5
1/4" NPT	XT010	1.0	0.5	0.5	0.5	0.5	0.5
1/4" NPT	XT020	1.0	0.5	0.5	0.5	0.5	0.5
1/4" NPT	XT024	1.0	0.5	0.5	0.5	0.5	0.5
1/4" NPT	XT010	1.0	0.5	0.5	0.5	0.5	0.5
1/4" NPT	XT020	1.0	0.5	0.5	0.5	0.5	0.5
1/4" NPT	XT024	1.0	0.5	0.5	0.5	0.5	0.5
1/4" NPT	XT010	1.0	0.5	0.5	0.5	0.5	0.5
1/4" NPT	XT020	1.0	0.5	0.5	0.5	0.5	0.5
1/4" NPT	XT024	1.0	0.5	0.5	0.5	0.5	0.5
1/4" NPT	XT010	1.0	0.5	0.5	0.5	0.5	0.5
1/4" NPT	XT020	1.0	0.5	0.5	0.5	0.5	0.5
1/4" NPT	XT024	1.0	0.5	0.5	0.5	0.5	0.5
1/4" NPT	XT010	1.0	0.5	0.5	0.5	0.5	0.5
1/4" NPT	XT020	1.0	0.5	0.5	0.5	0.5	0.5
1/4" NPT	XT024	1.0	0.5	0.5	0.5	0.5	0.5
1/4" NPT	XT010	1.0	0.5	0.5	0.5	0.5	0.5
1/4" NPT	XT020	1.0	0.5	0.5	0.5	0.5	0.5
1/4" NPT	XT024	1.0	0.5	0.5	0.5	0.5	0.5
1/4" NPT	XT010	1.0	0.5	0.5	0.5	0.5	0.5
1/4" NPT	XT020	1.0	0.5	0.5	0.5	0.5	0.5
1/4" NPT	XT024	1.0	0.5	0.5	0.5	0.5	0.5
1/4" NPT	XT010	1.0	0.5	0.5	0.5	0.5	0.5
1/4" NPT	XT020	1.0	0.5	0.5	0.5	0.5	0.5
1/4" NPT	XT024	1.0	0.5	0.5	0.5	0.5	0.5
1/4" NPT	XT010	1.0	0.5	0.5	0.5	0.5	0.5
1/4" NPT	XT020	1.0	0.5	0.5	0.5	0.5	0.5
1/4" NPT	XT024	1.0	0.5	0.5	0.5	0.5	0.5
1/4" NPT	XT010	1.0	0.5	0.5	0.5	0.5	0.5
1/4" NPT	XT020	1.0	0.5	0.5	0.5	0.5	0.5
1/4" NPT	XT024	1.0	0.5	0.5	0.5	0.5	0.5
1/4" NPT	XT010	1.0	0.5	0.5	0.5	0.5	0.5
1/4" NPT	XT020	1.0	0.5	0.5	0.5	0.5	0.5
1/4" NPT	XT024	1.0	0.5	0.5	0.5	0.5	0.5
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1/4" NPT	XT020	1.0	0.5	0.5	0.5	0.5	0.5
1/4" NPT	XT024	1.0	0.5	0.5	0.5	0.5	0.5
1/4" NPT	XT010	1.0	0.5	0.5	0.5	0.5	0.5
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1/4" NPT	XT024	1.0	0.5	0.5	0.5	0.5	0.5
1/4" NPT	XT010	1.0	0.5	0.5	0.5	0.5	0.5
1/4" NPT	XT020	1.0	0.5	0.5	0.5	0.5	0.5
1/4" NPT	XT024	1.0	0.5	0.5	0.5	0.5	0.5
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1/4" NPT	XT020	1.0	0.5	0.5	0.5	0.5	0.5
1/4" NPT	XT024	1.0	0.5	0.5	0.5	0.5	0.5
1/4" NPT	XT010	1.0	0.5	0.5	0.5	0.5	0.5
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1/4" NPT	XT024	1.0	0.5	0.5	0.5	0.5	0.5
1/4" NPT	XT010	1.0	0.5	0.5	0.5	0.5	0.5
1/4" NPT	XT020	1.0	0.5	0.5	0.5	0.5	0.5
1/4" NPT	XT024	1.0	0.5	0.5	0.5	0.5	0.5
1/4" NPT	XT010	1.0	0.5	0.5	0.5	0.5	0.5
1/4" NPT	XT020	1.0	0.5	0.5	0.5	0.5	0.5
1/4" NPT	XT024</td						

SPRAY TIPS – EXTENDED RANGE FLAT “XR”



- Excellent Spray Distribution Over a Wide Range of Pressures (15 to 60 PSI)
- Ideal for Rigs Equipped with Sprayer Controllers
- Reduces Drift at Lower Pressures, Better Coverage at Higher Pressures
- Available in Stainless Steel or Ceramic in 80° and 110° Spray Angles with VisiFlo Color-coding



STAINLESS STEEL 80° – 8000 Series and 110° – 1100 Series

PART NO.	COLOR
80°	
878-XR8001VS	Orange
878-XR80015VS	Green
878-XR8002VS	Yellow
878-XR8003VS	Blue
878-XR8004VS	Red
878-XR8005VS	Brown
878-XR8006VS	Gray
878-XR8008VS	White

PART NO.	COLOR
110°	
878-XR11001VS	Orange
878-XR110015VS	Green
878-XR11002VS	Yellow
878-XR11003VS	Blue
878-XR11004VS	Red
878-XR11005VS	Brown
878-XR11006VS	Gray

CERAMIC CORE 80° – 8000 Series

PART NO.	COLOR
80°	
878-XR8003VK	Blue
878-XR8004VK	Red
878-XR8006VK	Gray



SPRAY TIPS AND CAPS – EXTENDED RANGE “XRC”



- XR TeeJet Tip Molded into QuickJet® Provides Automatic Spray Alignment
- Stainless Steel with 110° Spray Angle
- Excellent Spray Distribution Over a Wide Range of Pressures (15 to 60 PSI)
- Ideal for Rigs Equipped with Sprayer Controllers
- Reduces Drift at Lower Pressures, Better Coverage at Higher Pressures
- Includes Tightly Fitting Washer that Stays Put and Assures a Good Seal



PART NO.	ORIFICE	COLOR
878-XRC110025VS	2.5	Turquoise
878-XRC11003VS	3	Blue
878-XRC11004VS	4	Red
878-XRC11005VS	5	Brown

TeeJet



WE SUPPLY SUCCESS

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SPRAY TIPS – TURBO JET INDUCTION

Flat

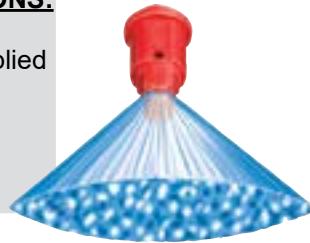
110° Wide angle, air induction, tapered flat spray tip pattern based on patented outlet orifice design of the original Turbo TeeJet® nozzle. Ideal for use with automatic sprayer controllers



PART NO.	COLOR
878-TTI11002VP	Violet
878-TTI11003VP	Blue
878-TTI11004VP	Red
878-TTI11005VP	Brown
878-TTI11006VP	Gray
878-TTI11008VP	White
878-TTI11010VP	Blue

TYPICAL APPLICATIONS:

Very good for spraying pre-emerge surface applied herbicides.
Excellent for spraying post-emerge systemic herbicides.



NOTE: Due to pre-orifice design, this tip is not compatible with the 4193A check valve

TURBO JET INDUCTION CAP ASSEMBLIES WITH PLUG



PART NO.	COLOR	PART NO.	COLOR
878-TTI11002VPCE	Green	878-TTI11008VPCE	Brown
878-TTI11003VPCE	Violet	878-TTI11010VPCE	Gray
878-TTI11004VPCE	Yellow	878-TTI110015VPCE	White
878-TTI11005VPCE	Blue	878-TTI110025VPCE	Light Blue
878-TTI11006VPCE	Dark Red		



SPRAY TIPS – TWINJET Twin Flat

Stainless Steel

For post-emerge contact herbicides. Used at higher pressures to produce smaller droplets for better coverage.

- Penetrates Crop Residue or Dense Foliage
- Better Spray Distribution Along Boom Than with Hollow Cone Nozzles
- Pressure Rating 30-60 PSI

80° 8000 Series

PART NO.	COLOR
878-TJ608002VS	Yellow
878-TJ608003VS	Blue
878-TJ608004VS	Red
878-TJ608006VS	Gray

PART NO.	COLOR
878-TJ6011002VS	Yellow
878-TJ6011003VS	Blue
878-TJ6011004VS	Red
878-TJ6011006VS	Gray



AIR INDUCTION TURBO TWINJET Twin Flat

Best for postemergence applications, good coverage with increased canopy penetration. Excellent drift control with course to very course droplets.

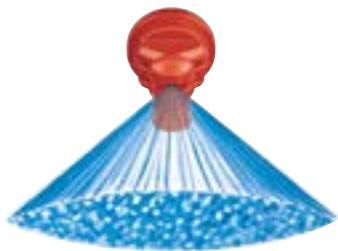
- Dual 110° Flat Fan Patterns
- 60° Between Leading and Trailing Spray Patterns
- Pressure Range 20–90 PSI



PART NO.	COLOR
878-ATTJ6011002VP	Violet
878-ATTJ6011003VP	Blue
878-ATTJ6011004VP	Red

SPRAY TIPS – TURBO TEEJET

Wide Angle Flat – 110°



- Tapered Edge Wide Angle for Uniform Coverage in Broadcast Spraying
- Large, Rounded Internal Passages to Minimize Clogging
- Excellent Resistance to Corrosive Solutions
- Superior Wear Characteristics
- Larger Droplets for Less Drift
- Automatic Spray Alignment with CP25612-NYR Quick TeeJet Cap

TYPICAL APPLICATIONS:

Best for pre-emerge surface applied herbicides minimum spray pressure of 15 PSI.

Best for post-emerge contact herbicides typical pressures of 40 PSI and higher.

PART NO.	COLOR
878-TT11001VP	Orange
878-TT110015VP	Green
878-TT11002VP	Yellow
878-TT110025VP	Purple
878-TT11003VP	Blue
878-TT11004VP	Red
878-TT11005VP	Brown
878-TT11006VP	Gray
878-TT11008VP	White



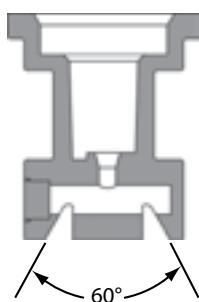
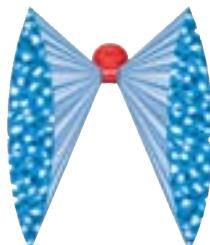
TeeJet

SPRAY TIPS – TURBO TWINJET

Twin Flat

Best suited for broadcast spraying where superior leaf coverage and canopy penetration is important. Ideal for use with automatic sprayer controllers.

- Dual Outlet Design Produces Two 110° Flat Fan Spray Patterns
- 60° Angle Between Each Spray Pattern
- Droplet Size Range is Slightly Larger Than Equivalent Turbo TeeJet Nozzle Providing Drift Reducing Properties with Increased Canopy Coverage and Penetration
- Molded Polymer for Excellent Chemical and Wear Resistance
- Pressure Range 20 - 90 PSI
- VisiFlo Color-coded for Easy Capacity Identification



PART NO.	COLOR
878-TTJ6011002VP	Yellow
878-TTJ60110025VP	Violet
878-TTJ6011003VP	Blue
878-TTJ6011004VP	Red
878-TTJ6011005VP	Brown
878-TTJ6011006VP	Gray



SPRAY TIPS – STREAMJET

Solid Stream Fertilizer Nozzles



The StreamJet spray tip is excellent for application of liquid fertilizer on bare ground or in standing crop. Its design uses a metering orifice with a deflector to ensure an equal flow rate in each of the liquid streams throughout a wide range of operating pressures. All acetal construction for excellent chemical resistance. VisiFlo color-coding for easy capacity identification.

SJ3 NOZZLES



- 3-Stream Pattern Ideal for Directed Application
- Equally Spaced Distribution at 20" Height
- Use with Quick TeeJet Cap CP25598-NYR for Quick Attachment to the Nozzle Body
- Removable Metering Orifice for Easy Cleaning
- Recommended Operating Pressure 20-60 PSI

PART NO.	COLOR	PART NO.	COLOR
878-SJ303VP	Blue	878-SJ308VP	White
878-SJ304VP	Red	878-SJ310VP	Lt. Blue
878-SJ305VP	Brown	878-SJ315VP	Lt. Green
878-SJ306VP	Yellow		



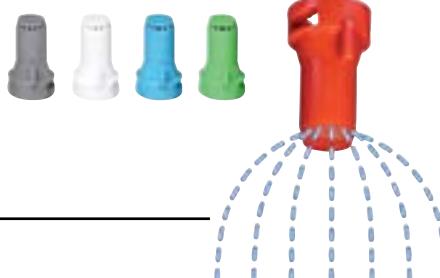
SJ7 NOZZLES

- 7-Stream Pattern Ideal for Broadcast Application
- Identical Streams of Equal Velocity and Capacity
- Removable Metering Orifice for Easy Cleaning
- Recommended Operating Pressure 20-60 PSI

PART NO.	COLOR
878-SJ706VP	Gray
878-SJ708VP	White
878-SJ7010VP	Lt. Blue
878-SJ715VP	Lt. Green



TeeJet



SPRAY TIPS – FULL CONE

Type 1/4Tg

TYPICAL APPLICATIONS:

Frequently Used for Tobacco Plant Sucker Control.

Three Per Row Spacing.



PART NO.
878-TG1
878-TG2
878-TG3
878-TG4
878-TG5
878-TG6
878-TG8



Provides Course Spray with Full Cone Pattern.

SPRAY TIPS – HOLLOW CONE

Conejet

TYPICAL APPLICATIONS:

Excellent for post-emerge contact herbicides, fungicides and insecticides.
Good for use with defoliants and foliar fertilizers at pressures 40 PSI and above



- Finely Atomized Spray Pattern Provides Thorough Coverage
- Available in Stainless Steel, Ceramic or Brass
- 80° Spray Angle at 100 PSI, Maximum Operating Pressure is 300 PSI

VisiFlo Color-coded Stainless Steel and Ceramic Orifice in Polypropylene Body

Recommended Strainer

# 1 thru 3	100 mesh
# 4 and up	50 mesh

CERAMIC		STAINLESS STEEL		BRASS	
878-TXVK4	(Green)	878-TXVS3	(Yellow)	878-TX1	878-TX10
878-TXVK6	(Red)	878-TXVS4	(Green)	878-TX15	878-TX12
878-TXVK8	(Gray)	878-TXVS6	(Red)	878-TX2	878-TX14
878-TXVK18	(Orange)	878-TXVS8	(Gray)	878-TX3	878-TX18
878-TXVK26	(Lt. Blue)	878-TXVS10	(Black)	878-TX4	878-TX22
		878-TXVS12	(Brown)	878-TX5	878-TX26
		878-TXVS18	(Orange)	878-TX6	
		878-TXVS26	(Lt. Blue)	878-TX8	



TeeJet

SPRAY TIP DISC CORES

For Hollow Cone Type Spray Tips

ORIFICE DISC		DISC ONLY
STAINLESS STEEL	CERAMIC	CERAMIC
878-D2	878-D7	878-DCER2
878-D3	878-D8	878-DCER3
878-D4	878-D10	878-DCER4
878-D5	878-D14	878-DCER5
878-D6	878-D16	

DISC CORE	CORE ONLY
BRASS	CERAMIC
878-DC13	878-DC13CER
878-DC23	878-DC23CER
878-DC25	878-DC25CER
878-DC45	
878-DC46	
878-DC56	



Typical Assembly with
Ceramic Disc and Core



4514



CP20230

PART NO.	DESCRIPTION
878-CP20230	Brass Cap for Cone Spray Tips
878-CP20229NY	Nylon Gasket Used When 4514 Strainer is Not



STRAINER NOTE:

Orifice disc numbers 1 thru 2 or core numbers 31 & 33, slotted strainer 4514-20 equivalent to 25 mesh screen size is required. For all other larger capacity disc and cores, slotted strainer number 4514-32 equivalent to 16 mesh screen size is required.



2019

To Order Call Toll Free 877-55 GO SMA 877-554-6762

19-69

SPRAY TIP STRAINERS

Slotted Strainers

One piece strainers for use with liquids containing suspended solids.



PART NO.	SCREEN
NYLON	
878-4514NY10	50 Mesh
878-4514NY20	25 Mesh
878-4514NY32	16 Mesh
BRASS	
878-451410	50 Mesh
878-451420	25 Mesh
878-451432	16 Mesh



Strainer and Check Valve 4193A



Minimizes nozzle dripping; fits all TeeJet nozzles.
Ball check opens at 5 PSI. Recommended for flow rates up to 0.8 GPM. Not for use with AI or DG tips
Stainless Steel Screen

PART NO.	PSI	MESH
POLYPROPYLENE BODY & CAP		
878-4193APP550SS	5	50
878-4193APP5100SS	5	100
878-4193APP1050SS	10	50
878-4193APP10100SS	10	100
BRASS BODY & CAP		
878-4193A550SS	5	50
878-4193A5100SS	5	100

Check Valve

For larger capacity TeeJet nozzles where strainers are not required. Ball check opens at 5 PSI. Recommended for flow rates from .40 to 1.5 GPM. Polypropylene with stainless steel ball and spring.

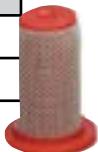


878-11750PP5

Standard Strainers

Strainers protect spray tip orifices from clogging and damage.
Stainless Steel Screen

PART NO.	SCREEN
BRASS BODY & CAP	
878-505350SS	50 Mesh
878-5053100SS	100 Mesh
POLYPROPYLENE BODY & CAP	
878-8079PP50	50 Mesh
878-8079PP100	100 Mesh



Self-Retaining Strainer with Viton® Gasket

- For Use with Quick TeeJet® Caps
- Allows quick & easy removal for cleaning



PART NO.	SCREEN
878-5521550EPR	50 Mesh
878-55215100EPR	100 Mesh

Nozzle Strainer Screens Stainless Steel

PART NO.	SCREEN
878-CP293050SS	50 Mesh
878-CP2930100SS	100 Mesh

TeeJet
TECHNOLOGIES



WE SUPPLY SUCCESS

SPRAY TIPS – TURBODROP®

Asymmetric DualFan Flat 110°

Medium Pressure Air Induction

This revolutionary air injection nozzle design allows spraying the target two to four times in one pass. The 10 degree forward spray pattern makes slightly smaller droplets than the 50 degree rearward spray pattern. The forward spray covers the front side of the target and the rearward spray covers the back side. The TurboDrop DualFan achieves a unique balance of coverage, penetration and drift control. Being an extremely versatile nozzle, it can be used in drift-sensitive applications at 30-60 PSI and for coverage-critical applications at 60-120 PSI.

Wide Pressure Range

- 20 - 120 PSI Overall Pressure Range
- 30 - 60 PSI for Systemic Chemicals
- 60 - 120 PSI for Contact Chemicals

Longer Wear Life

- 20 - 30,000 Acres for TADF (estimated 60' boom, 20" centers)
- 50 - 80,000 Acres for TACDF (estimated 60' boom, 20" centers)



- Polyacetal Venturi Body and Nozzle with EPDM Seat Gasket
- Easy to Clean Venturi, No Tools Required
- Approved for Bayer's Liberty Herbicide



PART NO.	COLOR	SCREEN
POLYACETAL		
385-TADF01	Orange	50 Mesh
385-TADF015	Green	50 Mesh
385-TADF02	Yellow	50 Mesh
385-TADF025	Purple	50 Mesh
385-TADF03	Blue	50 Mesh
385-TADF04	Red	50 Mesh
385-TADF05	Brown	50 Mesh
385-TADF06	LT. Gray	24 Mesh
385-TADF08	White	24 Mesh
385-TADF0	Gray	24 Mesh

PART NO.	COLOR	SCREEN
CERAMIC		
385-TACDF01	Orange	50 Mesh
385-TACDF015	Green	50 Mesh
385-TACDF02	Yellow	50 Mesh
385-TACDF025	Purple	50 Mesh
385-TACDF03	Blue	50 Mesh
385-TACDF04	Red	50 Mesh
385-TACDF05	Brown	50 Mesh
385-TACDF06	LT. Gray	24 Mesh
385-TACDF08	White	24 Mesh
385-TACDF0	Gray	24 Mesh

VENTURI NOZZLE – XL

PART NO.	COLOR
POLYACETAL	
385-TDXL110015	Green/Blue
385-TDXL11002	Yellow/Red
385-TDXL110025	Purple/Brown
385-TDXL11003	Blue/Gray
385-TDXL11004	Red/White
385-TDXL11005	Brown/Black
385-TDXL11006	Gray/Turquoise

Metering Plate can Operate between 15 and 120 psi with Excellent Drift Control between 15 to 60 psi.



SPRAY TIPS – TURBODROP®

QUICK HOLLOW CONE



Includes polyacetal hollow cone tip, cap and gasket

385-QHC023 385-QHC068
385-QHC045



385-GH170

HARDI ADAPTER GASKET

Allows sprayers with Hardi nozzle bodies to use TurboDrop® nozzles

TIP STRAINER WITH GASKET



50 Mesh

385-GTS50M

For TurboDrop® nozzle bodies
(Will not work on TeeJet)



CALIBRATION CALCULATOR – QUICK CHECK

The “Calibration Calculator” is not just a measuring jug.



385-QC02

Quick Check Calibration Container assists farmers and applicators in verifying nozzle output. This is a patented 1/2 gallon container that is precisely molded for accuracy.

Hold the jug under one nozzle for a specified time period (30 seconds for 20" nozzle spacing). The jug will show the GPA rate for whatever speed the applicator plans to travel.

SPRAY TIP MONITORS

Accurately monitor the flow rate on your liquid fertilizer and chemical application equipment. Redball does it efficiently and inexpensively.



Original



PART NO.	DESCRIPTION
ORIGINAL	
138-33760006	Two Column with 3/8" Barb
138-33760002	Four Column with 3/8" Elbow, Barbed
138-33760008	Four Column with 1/2" Elbow, Barbed
FOR SQUEEZE PUMPS	
138-33760004	Four Column with 3/8" Barbed
138-33760005	Four Column with 1/2" Barbed
MODULAR	
138-39990002	Four Column Assembly with 3/8" Outlets, 3/4" Inlet
138-39993438	One Column Starter Unit with 3/4" Inlet Barbed & End Cap
138-39990038	One column add-on unit
138-20525	Tip Monitor Adaptor "T" O-Ring Seal x 1" NPTF



Squeeze



Modular

SPRAY TIP CALIBRATOR & CLEANING TOOLS SPOTON®



Air Blast Nozzle Cleaner
and 4-in-1 Tip Multi-Tool.



PART NO.	DESCRIPTION
Calibrator	
879-23890	Provides quick and accurate flow rate checking of individual sprayer nozzles. This model is best for flow rates under 1 GPM.
Tip cleaner & Multi-Tool Combo Pack	
879-27860	Provides a 50 PSI air blast for clearing debris from spray tips. The 4-in-1 Tip Tool features a brush, foldout plastic pick, spanner wrench, and utility hook that make tip maintenance quick and easy.

SPRAY TIP MONITOR PARTS

ORIGINAL

PART NO.	DESCRIPTION
138-SS316200	Stainless Steel Monitor Ball
138-8165100*	Red Plastic Monitor Ball
138-8165101*	Green Plastic Monitor Ball
138-8165105*	Red Glass Monitor Ball
138-8202100	Monitor Blank Disc
138-B35M	Polypropylene Nut
138-34EW	3/4" EPDM Washer (standard)
138-34VW	3/4" Viton Washer (optional)
138-C38EL	3/8" Elbow Barb
138-C38M	3/8" Straight Barb
138-C12EL	1/2" Elbow Barb
138-C12M	1/2" Straight Barb

* Must be replaced in sets of four. Sold in sets of four.

MODULAR

PART NO.	DESCRIPTION
138-002134	3/8" hose barb elbow outlet
138-002135	1/2" hose barb elbow
138-002140	EPDM O-Ring (standard)
138-002141	Viton O-Ring (optional)
138-002037	U-Pin to retain fittings
138-002138	Cap for end of monitor
138-002136	3/4" hose barb elbow inlet



SPRAY TIP TESTER

138-034R

- Allows Quick, Easy Comparison of Tip Flow Rates
- Universal Adapter Fits All Styles of Conventional & Quick-attach Caps
- Built-in Storage Holds Brush & Extra Tips

Includes:

Nozzle Adapter,
Cleaning Brush,
Instructions

TIP CLEANING BRUSH

Use this brush to clean spray tip orifice.
Never use anything hard or metallic (toothpick, wire, etc.) or damage to opening will occur.

878-CP20016NY

CHEMICAL SAFETY KIT

Eyewash & Field Decontamination Kit

Operates on gravity flow with spigot at bottom. You can washup direct chemical contact and the attached 28" tube is readily available for an emergency eye flush. Handy storage box on top with room for soap, towels or safety equipment.

9 Gallon Yellow Tank



200-CRM600030

Provides clean water in the field. Handy storage area for gloves and goggles.

GLOVES – 14"

ORDER MULTIPLE 12

PART NO.	DESCRIPTION
395-WA8707B	PVC
395-WA8993B	Nitrile (Medium)
395-WA8994B	Nitrile (Large)



CHEMICAL & SAFETY PROTECTION

COVERALLS

DISPOSABLE PROTECTION

- Basic Protection
- Filters Out Most Particles Including Asbestos
- Breathes to Help Reduce Heat Stress
- Good Economical Protection for Short Work-Shirts
- Generous Cut
- White
- Packed Six per Case



PART NO.	DESCRIPTION
927-412L	Large (42-44)
927-412XL	XL Large (46-50)
927-412XXL	XXL Large

PROTECTIVE GOGGLES

Clear frame with clear impact resistant lenses and hooded vents. Adjustable elastic headband.



975-W1024
Poly Bagged



HEARING PROTECTION

927-842000H

**DELUXE
EARMUFFS**



**DISPOSABLE
FOAM
EAR PLUGS**

927-858000C
6 per Package

RESPIRATORS & MASK

PART NO.	DESCRIPTION
Multi-Purpose Respirators with Cartridges & Filters. Protects Against Paint, Lacquer, Enamel Fumes also Pesticides, Radon & Organic Vapors.	
927-3MLN95	Respirator Thermoplastic N95 Series with N95 Cartridges, Medium and Large
927-4MLN95	Respirator Elastomeric N95 Series with N95 Cartridges, Medium and Large
927-158DN5	Filter Pads for N95 Respirators, 6 per Bag
927-158T20DN5	Cartridge Set for N95 Cartridges
927-3MLP100	Respirator Thermoplastic P100 Series with P100 Cartridges
927-158TP100	P100 Cartridges, 2 per Pack
Disposable Respirator Mask Provides 95% Efficiency from Non-Oil Particulate Aerosols. Adjustable Metal Nose Clip	
927-N95B	Disposable Respirator N95, 20 per Box
927-N95CL	Disposable Respirator N95, 2 per Pack
927-N95VB	Disposable Respirator with Valve N95, 12 per Box
927-N95VCL	Disposable Respirator with Valve N95, 2 per Pack
Farm Shop & Home Dust Mask, Light-weight and Strong. General Protection from Dust while Sanding, Sweeping and Cleaning.	
927-ND10B	Nuisance Dust Mask, 50 per Box
927-ND105B	Nuisance Dust Mask, 5 per Pack



158T20DN5



158TP100



3MLN95, 4MLN95
Clamshell Packaging



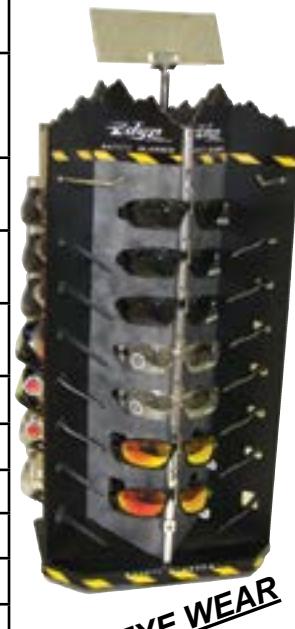
SAFETY EYE WEAR AND SUNGLASSES

EDGE EYE WEAR

Stylish yet rugged for indoor or outdoor activities. Frames are flexible, made from TR90 Compound. Lenses are made of high impact polycarbonate.



PART NO.	DESCRIPTION
927-SD111AR	Delano Style Basic Black Earpieces with Clear Anti-reflective One-piece Wrap Around Frame and Lens.
927-SD116	Delano Style Basic Black Earpieces with Clear Anti-reflective One-piece Wrap Around Frame and Smoke Tinted Lens.
927-SBAP119	Baretti Style Black Frames with Red Mirror Aqua Lens.
927-SK118	Kazbek Style Rugged Silvered Frames with Blue Mirror Lens.
927-SKAP119	Kazbek Style Rugged Silvered Frames with Red Mirror Aqua Lens.
927-SW112CF	Dakura Style Camo Frames and Yellow Tinted Lens.
927-SW116CF	Dakura Style Camo Frames and Smoke Tinted Lens.
927-SW116	Dakura Style Black Frames and Smoke Tinted Lens.
927-SW128	Dakura Style Silvered Frames and Blue Mirror Lens.
927-SWAP119	Dakura Style Black Frames and Rose Mirror Lens.
927-990730	Counter Display Rack with Mirror. Glasses sold separately.



DIAMONDBACK

DiamondBack safety eyewear come with high impact polycarbonate scratch resistant lenses and anti-fog coating. The wrap around frame design features a non-slip temple that hugs the face.



PART NO.	DESCRIPTION
305-5400000	Red Frame with Clear Lens & No-slip Temples.
305-5400001	Red Frame with Smoke Lens & No-slip Temples.
305-5400200	Black Frame with Clear Lens & No-slip Temples.
305-5400201	Black Frame with Smoke Lens & No-slip Temples.
305-5400300	Blue Frame with Clear Lens & No-slip Temples.
305-5400301	Blue Frame with Smoke Lens & No-slip Temples.
305-5400509	Silver Frame with Ice Blue Lens & No-slip Temples.



HOSE MEDIUM PRESSURE

CONTITECH FRONTIER

An economical air and water hose, Horizon® is for a wide range of industrial, construction, & agricultural applications.



SOLD FULL REEL ONLY

RED COVER

PART NO.	I.D.	PSI	ORD/MULT
380-14X200PSI	1/4"	200	500 FT.
380-38X200PSI	3/8"	200	500 FT.
380-12X200PSI	1/2"	200	500 FT.
380-58X200PSI	5/8"	200	500 FT.
380-34X200PSI	3/4"	200	500 FT.
380-34X250PSI	3/4"	250	500 FT.
380-1X200PSI	1"	200	450 FT.
380-114X200PSI	1-1/4"	200	400 FT.
380-112X200PSI	1-1/2"	200	300 FT.
380-2X200PSI	2"	200	200 FT/Box

BLACK COVER

PART NO.	I.D.	PSI	ORD/MULT
380-14X200PSIB	1/4"	200	500 FT.
380-38X200PSIB	3/8"	200	500 FT.
380-12X200PSIB	1/2"	200	500 FT.
380-34X200PSIB	3/4"	200	500 FT.
380-1X200PSIB	1"	200	450 FT.
380-114X200PSIB	1-1/4"	200	400 FT.
380-112X200PSIB	1-1/2"	200	300 FT.

RED COVER – MINI REEL

PART NO.	I.D.	PSI	ORD/MULT
380-MR14X200PSI	1/4"	200	250 FT.
380-MR38X200PSI	3/8"	200	250 FT.
380-MR12X200PSI	1/2"	200	250 FT.
380-MR58X200PSI	5/8"	200	250 FT.
380-MR34X200PSI	3/4"	200	250 FT.
380-MR1X200PSI	1"	200	250 FT.
380-MR114X200PSI	1-1/4"	200	100 FT./Box
380-MR112X200PSI	1-1/2"	200	100 FT./Box

- Versigard® Synthetic Rubber
- -40° to 190° F Temperature Range
- Red or Black Cover



HOSE – SPRAY

EPDM RUBBER

Black Cover, 25-Ft. Coils 150 PSI Working Pressure

Suitable for use with aqueous based, agricultural chemicals and is Lasso® resistant.



PART NO.	I.D.
380-1110025125	1/4" x 25 Ft
380-1110038125	3/8" x 25 Ft
380-1110050125	1/2" x 25 Ft
380-1110063125	5/8" x 25 Ft

**Sold
Full
Coils
Only**

PART NO.	I.D.
380-1110075125	3/4" x 25 Ft
380-1110100225	1" x 25 Ft
380-1110125225	1.25" x 25 Ft
380-1110150225	1.50" x 25 Ft



HOSE – RED PVC

SOLD FULL REEL ONLY

Will stand up to many agricultural spray solutions such as lasso, insecticides, and fungicides.

PART NO.	SIZE	PSI	REEL
380-15006	3/8"	300	500 FT.
380-15008	1/2"	300	500 FT.
380-15012	3/4"	200	300 FT.
380-15016	1"	175	300 FT.



HOSE – SPIRALITE® 340

An economical high pressure hose for air, water and agricultural spray solutions.

- 300' Per Coil
- 800 PSI
- Burst Pressure 2400 PSI
- Green Ribbed Cover, Smooth Tube

PART NO.	I.D.	WT/100 FT.
694-34038	3/8"	14 LB.
694-34012	1/2"	18 LB.

HOSE – SUCTION AND DISCHARGE

100 ft. COILS

Working Pressure Rated at 72° F

Kanaflex®

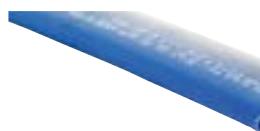


PART NO.	I.D.	PSI	WT / COIL
#390 EPDM BLACK WITH BLACK PVC SPIRAL			
485-BK390114	1-1/4"	100	34 LB.
485-BK390112	1-1/2"	100	47 LB.
485-BK3902	2"	100	61 LB.
485-BK3903	3"	90	110 LB.
#112 PVC CLEAR WITH WHITE SPIRAL			
485-CL11234	3/4"	86	16 LB.
485-CL1121	1"	86	26 LB.
485-CL112114	1-1/4"	80	29 LB.
485-CL112112	1-1/2"	70	39 LB.
485-CL1122	2"	65	63 LB.
485-CL1123	3"	55	105 LB.

PART NO.	I.D.	PSI	WT / COIL
#300 EPDM YELLOW WITH BLACK PVC SPIRAL			
485-PE1Y	1"	50	23 LB.
485-PE114Y	1-1/4"	50	34 LB.
485-PE112Y	1-1/2"	50	40 LB.
485-PE2Y	2"	50	67 LB.
485-PE3Y	3"	43	110 LB.
#112 PVC GREEN WITH GREEN SPIRAL			
485-GR11234	3/4"	86	16 LB.
485-GR1121	1"	86	26 LB.
485-GR112114	1-1/4"	80	29 LB.
485-GR112112	1-1/2"	70	39 LB.
485-GR1122	2"	65	63 LB.
485-GR1123	3"	55	105 LB.

HOSE – FLAT DISCHARGE

BLUE COVER - 300' COIL



Continental
CONTITECH

PART NO.	I.D.	WORKING PRESSURE	WT / 100 FT
380-537564048	1-1/2"	70 PSI	15 LB.
380-537564064	2"	60 PSI	20 LB.
380-537564107	3"	50 PSI	37 LB.



To Order Call Toll Free 877-55 GO SMA 877-554-6762

TUBING – VINYL AND E.V.A.

VINYL

CLEAR NYLON BRAID
100 Ft. Per Carton



PART NO.	I.D.	O.D.
140-B5001	1/4"	.438
140-B5002	3/8"	.594
140-B5003	1/2"	.75
140-B5004	5/8"	.891
140-B5005	3/4"	1.03
140-B5006	1"	1.30
140-B5007	1-1/4"	1.62
140-B5008	1-1/2"	1.94
140-B5009	2"	2.49

VINYL

SIGHT GAUGE

CLEAR
100 Ft. Per Carton



PART NO.	I.D.	O.D.
140-C1008	1/4"	1/2"
140-C1013	3/8"	5/8"
140-C1017	1/2"	3/4"
140-C1022	5/8"	7/8"
140-C1024	3/4"	1"
140-C1026	1"	1-1/4"

E.V.A. Applicator

TRANSLUCENT

Sold Full Lengths Only

Suited for use with Anhydrous Ammonia, Aqua Ammonia, Ammonium Nitrate, Herbicides, Phosphates and Liquid Fertilizers. Lasso® Resistant.

Not for Use with Petroleum Based Chemicals

PART NO.	I.D.	LENGTH
380-3110038425	3/8"	25 Ft
380-3110050425	1/2"	25 Ft
380-3110075425	3/4"	25 Ft
073-V115138	3/8"	500 Ft
073-V115112	1/2"	500 Ft
073-V115134	3/4"	300 Ft



SEDIMENT STRAINERS



Black Plastic



Steel- Zinc Plated

PART NO.	THREAD	MATERIAL
887-73490	1-1/2"	Plastic
887-73390	2"	Plastic
887-73590	3"	Plastic
887-73290	2"	Steel
887-73690	3"	Steel

FOOT VALVES

Cast iron construction with leather flapper valve

PART NO.	THREAD
147-FV8	2"
147-FV12	3"



HOSE & PIPE CUTTER

Cuts up to 1-1/4" PVC,
1-1/2" Poly & ABS, and
2" Rubber I.D.

123-T100 Li'I Nipper

123-48841 Replacement Blade



- Fast Clean Cut
- Strong Tough Nylon Handles
- Extra Heavy Teflon Coated Tool Steel Blade

HOSE CLAMP

Mini Clamps (35 & 36 Series) use 5/16" wide band and 1/4" screw. 62 & 64 Series use 1/2" wide band material and 5/16" screw. All styles have exclusive conical groove in band for ease of operation.

10 Per Box – Order Multiple 10

STANDARD

Stainless band & housing, plated hex screw

PART NO.	MIN.	MAX.
124-3504*	7/32"	5/8"
124-3506*	7/16"	25/32"
124-3508	1/2"	29/32"
124-62006	7/16"	25/32"
124-62008	1/2"	29/32"
124-62010*	9/16"	1-1/16"
124-62012*	11/16"	1-1/4"
124-62016	13/16"	1-1/2"
124-62020*	13/16"	1-3/4"
124-62024*	1-1/16"	2"
124-62028*	1-5/16"	2-1/4"
124-62032*	1-9/16"	2-1/2"
124-62036*	1-13/16"	2-3/4"
124-62040	2-1/16"	3"
124-62048	2-5/16"	3-1/4"
124-62056	3-1/16"	4"
124-62064	3-9/16"	4-1/2"
124-62072	4-1/8"	5"
124-62088	3-1/8"	6"
124-62104	6-1/8"	7"
124-6210	200 Piece Display	
	*Included in display	



- Rack Can Be Free Standing, Mounted on Peg Board or Wall
- Offers Full Clamp Diameter Coverage

ALL STAINLESS STEEL

Best for fertilizer, acidics & food handling applications

PART NO.	MIN.	MAX.
124-3604	7/32"	5/8"
124-3606	7/16"	25/32"
124-3608	1/2"	29/32"
124-63006	7/16"	25/32"
124-63008H	1/2"	29/32"
124-63010	9/16"	1-1/16"
124-63012	11/16"	1-1/4"
124-63016	13/16"	1-1/2"
124-63020	13/16"	1-3/4"
124-63024	1-1/16"	2"
124-63028	1-5/16"	2-1/4"
124-63032	1-9/16"	2-1/2"
124-63036	1-13/16"	2-3/4"
124-63040	2-1/16"	3"
124-63044	2-5/16"	3-1/4"
124-63048	2-9/16"	3-1/2"
124-63056	3-1/16"	4"
124-63064	3-9/16"	4-1/2"
124-63072	4-1/8"	5"
124-63096	4-1/2"	6-1/2"
124-63104	6-1/8"	7"

Hose Clamp – T-Bolt



PART NO.	HOSE I.D.	MIN.	MAX.
124-TB163	1-1/4"	1-5/8"	1-7/8"
124-TB175	1-1/4"	1-3/4"	2"
124-TB188	1-1/2"	1-7/8"	2-3/16"
124-TB213	1-1/2"	2-1/8"	2-7/16"

PART NO.	HOSE I.D.	MIN.	MAX.
124-TB225	2-1/4"	2-1/4"	2-9/16"
124-TB238	2"	2-3/8"	2-11/16"
124-TB250	2"	2-1/2"	2-13/16"
124-TB288	2"	2-7/8"	3-3/16"
124-TB300	3"	3"	3-5/16"
124-TB325	3"	3-1/4"	3-9/16"
124-TB350	3"	3-1/2"	3-13/16"
124-TB400	4"	4"	4-5/16"
124-TB425	4"	4-1/4"	4-9/16"
124-TB450	4"	4-1/2"	4-13/16"



To Order Call Toll Free 877-55 GO SMA 877-554-6762

NYLON TIE

SOLD FULL BAGS ONLY

Secure items fast. Gradually tapered grip-tip tails insert smoothly into the self-locking heads. Uniform serrations along the length of the ties permit "pull-through" right down to the item. UV resistant, black in color.

PART NO.	TENSILE STRENGTH	BUNDLE DIA.	OAL	O/M
STANDARD				
923-T18R	18 LB.	.75"	4"	100
923-T30R	30 LB.	1.25"	6"	100
923-T50R	50 LB.	1.75"	8"	100
923-T50L	50 LB.	4"	15.5"	100



– See Section 25 for More Wire Ties –

PART NO.	TENSILE STRENGTH	BUNDLE DIA.	OAL	O/M
HEAVY DUTY				
923-T120S	120 LB.	2"	8.875"	50
923-T120R	120 LB.	4"	15.25"	50
923-T150M	175 LB.	6"	21"	25
923-T150L	175 LB.	9"	32"	25
923-T150XL	175 LB.	13"	43"	25
923-T150XLL	175 LB.	16"	52"	25
923-T250XL	250 LB.	12"	40"	25

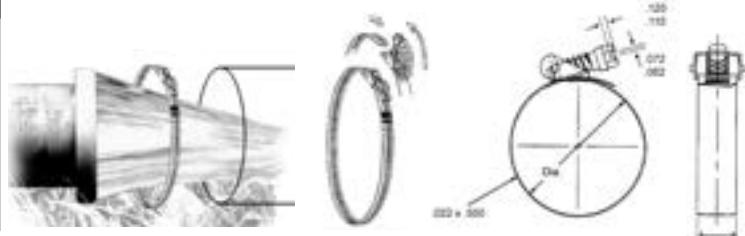
PIPE CLAMP POLY – IRRIGATION

These clamps are critical in closed areas where a clamp must be disengaged for installation and removal. The swivel action design of the screw allows for fast and easy adjustments.

PART NO.	CLAMP DIAMETER			
	FRACTION	METRIC/MM	MIN. DIA.	MAX. DIA.
124-47892	2"	50.8	254.0	
124-47893	2-1/16"	52.4	312.7	
124-47894	10-3/16"	258.8	355.6	
124-47895	1-3/4"	44.4	406.4	
124-47896	14-1/4"	361.9	457.2	

QR-HS Series - All Stainless

- 410 Stainless Steel Bridge
- 1/2" 301 Stainless Steel Band and Housing
- 5/16" 410 Stainless Steel Hex Head Screw



LEVEE DAM MATERIAL

* Yellow available in sizes marked by asterisk

PART NO.	PRE CUT	100' ROLL	PCS / BDL
302-LD69*	6' x 9'	–	50
302-LD79*	7' x 9'	–	50
302-LD99*	9' x 9'	–	25
302-LD1010*	10' x 10'	–	25
302-PF84	–	7' Wide	2
302-PF96	–	8' Wide	2
302-PF120	–	10' Wide	2

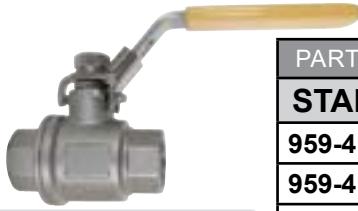
- All One Piece Material
- Orange Color is Standard*
- 10 x 10 Weave
- 6" Loop Pocket
- 4 Mil Poly Coating Both Sides



WE SUPPLY SUCCESS

WWW.SMALINK.COM

BALL VALVE – FULL PORT STAINLESS STEEL & BRONZE



STAINLESS STEEL

- Blow Out Proof Stem
- Teflon Seats and Seals
- Locking Device on Handle
- Valves Rated at 1,000 PSI
- Operating Temperature -60° to 450°F

PART NO.	THREAD
STAINLESS STEEL	
959-41901	3/8"
959-41902	1/2"
959-41903	3/4"
959-41904	1"
959-41905	1-1/4"
959-41906	1-1/2"
959-41907	2"
959-41909	3"



BRONZE

- Chrome Plated Ball
- Valves Rated at 600 PSI
- Positive Sealing Both Directions
- Operating Temperature -40° to 366°F

STUBBY BALL VALVE

2" Full Port Stainless Steel

- 100% PTFE Ball Seats
- All TFE Seals, No Elastomers
- 316 Stainless Steel

PART NO.	DESCRIPTION
909-VS-FMT220SS	Male Adapter x NPT, 2" Ball Opening



POLY MICRO VALVE

Polypropylene Reinforced with Fiberglass, 90° Rotating Handle, Standard FKM (viton type) Seats and O-Rings. 300 PSI Max Operating Pressure.

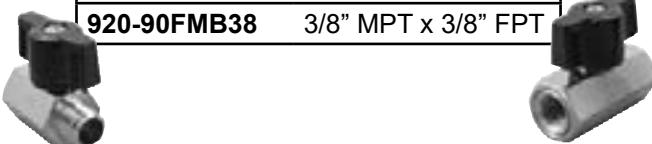
PART NO.	THREAD
909-LVHB038050MTV	3/8" Hose Barb x 1/2" Male NPT, 3/8" Ball Opening
909-LVHB075100MTV	3/4" Hose Barb x 1" Male NPT, 15/32" Ball Opening



COMPACT BALL VALVES

- Teflon Seat, Viton Seals
- Chrome Brass Ball, Body & Stem
- Compact Design for Close Quarters

PART NO.	THREAD
920-90FFB14	1/4" FPT
920-90FMB14	1/4" MPT x 1/4" FPT
920-90FFB38	3/8" FPT
920-90FMB38	3/8" MPT x 3/8" FPT



BRONZE GATE VALVES



- Full Flow
- Non-Rising Stem
- Heavy Pattern Forged Bronze



PART NO.	THREAD
959-10150	1/4"
959-10151	3/8"
959-10152	1/2"
959-10153	3/4"
959-10154	1"

PART NO.	THREAD
959-10155	1-1/4"
959-10156	1-1/2"
959-10157	2"
959-10159	3"



BALL VALVE – BOLTED POLYPROPYLENE

- Stainless Steel Bolts
- FKM (viton type) Seals
- Glass-Filled Reinforced Polypropylene
- Teflon Self-Lubricating Stem Bushings and Seats



MV220CF



VSFMT200



MVSMT220HSFP



VSF200

VSFMT204FP

PART NO.	DESCRIPTION
909-V050	1/2" Thread, 1/2" Ball Opening, 150 PSI @ 70° F
909-V075	3/4" Thread, 3/4" Ball Opening, 150 PSI @ 70° F
909-V100	1" Thread, 3/4" Ball Opening, 150 PSI @ 70° F
909-V100FP	1" Thread, 1" Ball Opening, 150 PSI @ 70° F
909-V125	1-1/4" Thread, 1" Ball Opening, 150 PSI @ 70° F
909-V125FP	1-1/4" Thread, 1-1/4" Ball Opening, 100 PSI @ 70° F
909-V150	1-1/2" Thread, 1-1/2" Ball Opening, 100 PSI @ 70° F
909-V200	2" Thread, 1-1/2" Ball Opening, 100 PSI @ 70° F
909-V200FP	2" Thread, 2" Ball Opening, 100 PSI @ 70° F
909-V204FP	2" Thread, 2" Ball Opening, FP 150 PSI @ 70° F
909-V300	3" Thread, 2-1/2" Ball Opening, 100 PSI @ 70° F
909-V300FP	3" Thread, 3" Ball Opening, 100 PSI @ 70° F
909-V400	4" Thread, 3-1/2" Ball Opening, 75 PSI @ 70° F
SERVICE PARTS	
909-V07153	Handle for V050 and V100
909-V10153A	Handle for V125
909-V20153	Handle for V150 and V200
909-V25153	Handle for V200FP, V300, & V300FP
MANIFOLD	
909-MV200CF	2" Manifold, 1-1/2" Ball Opening, 150 PSI @ 70° F
909-MV220CF	2" Manifold, 2" Ball Opening, 150 PSI @ 70° F
909-MV300	3" Manifold, 2-1/2" Ball Opening, 100 PSI @ 70° F
909-MV300CF	3" Manifold, 3" Ball Opening, 100 PSI @ 70° F
909-MVSMT220HSFP	Manifold 2" FP MNPT x Male Flange, Stainless Steel Ball, Stem & Handle. 2" Ball Opening, 100 PSI
STUBBY	
909-VSMT200	2" FNPT x MNPT, 1-1/2" Ball Opening
909-VSF200	2" Male Adapter x FNPT, 1-1/2" Ball Opening
909-VSFMT200	2" Male Adapter x MNPT, 1-1/2" Ball Opening
909-VSFMT204FP	2" FP Male Adapter x MNPT, 2" Ball Opening



BALL VALVE – BOLTED POLYPROPYLENE

AGsmart

- Stainless Steel Bolts
- Viton "O" Ring Stem Seal
- Self-Aligning Ball
- Precision Molded Polypropylene



PART NO.	DESCRIPTION
900-ASV100	1" Thread, 3/4" Ball Opening, 150 PSI @ 70° F
900-ASV100FP	1" Thread, 1" Ball Opening, Full Port, 150 PSI @ 70° F
900-ASV125	1.25" Thread, 1" Ball Opening, 150 PSI @ 70° F
900-ASV150	1.5" Thread, 1.5" Ball Opening, Full Port, 100 PSI @ 70° F
900-ASV200	2" Thread, 1.5" Ball Opening, 100 PSI @ 70° F
900-ASV200FP	2" Thread, 2" Ball Opening, Full Port, 100 PSI @ 70° F
900-ASV300FP	3" Thread, 3" Ball Opening, Full Port, 100 PSI @ 70° F

BALL VALVE – SINGLE UNION

Polypropylene For Strength and Chemical Resistance

- PTFE Seats for Proper Sealing Characteristics
- EPDM Stem O-Rings
- Interlocking Body and End Plate for Easy Threading Connection

BANJO



PART NO.	DESCRIPTION
909-UV050FP	1/2" Thread, 3/4" Ball Opening, 100 PSI @ 70° F
909-UV075FP	3/4" Thread, 3/4" Ball Opening, 100 PSI @ 70° F
909-UV100FP	1" Thread, 1" Ball Opening, 100 PSI @ 70° F
909-UV125FP	1-1/4" Thread, 1-1/2" Ball Opening, 100 PSI @ 70° F
909-UV150FP	1-1/2" Thread, 1-1/2" Ball Opening, 100 PSI @ 70° F
909-UV200FP	2" Thread, 2" Ball Opening, 100 PSI @ 70° F



BALL VALVE – POLYPROPYLENE DISPENSING NOZZLES



"VA" has Stainless Steel Bolts, Viton O-Ring Stem Seal, Teflon Stem Bushings and Seats, Diamond Turned Ball.

"UVA" has EPDM O-Rings and Teflon Seats, Stem has Double O-Rings for Extra Sealing Protection.



PART NO.	DESCRIPTION
909-VA150	1-1/2" Thread, 1-1/2" Ball Opening, 100 PSI at 70° F
909-VA200	2" Thread, 1-1/2" Ball Opening, 100 PSI at 70° F
909-VA200FP	2" Thread, 2" Ball Opening, 100 PSI at 70° F
909-UVA100FP	1" Thread, 1" Ball Opening, 100 PSI at 70° F
SERVICE PARTS	
909-V20153	Handle for VA150 & VA200
909-V25153	Handle for VA200FP
909-V20166	Spout for VA150
909-V25165	Spout for VA200 and VA200FP
909-VN100	Non-Ball Valve Polypropylene Dispensing Nozzle. 1" Thread, 1" Pipe, Stainless Steel Handle, Spring, and Pin, Viton Rubber Parts, 40 GPM at 75 PSI.

HOSE NOZZLE – GARDEN & FIRE HOSE



PART NO.	DESCRIPTION
GARDEN HOSE NOZZLE - CARDED	
938-474	High impact yellow polymer body, stem with adjusting nut. Full size grip.
978-11090	Twist Nozzle with 3 Spray Patterns.
938-573	Heavy duty die cast body, brass stem with adjusting nut. Full size grip.
938-593	Black vinyl molded-on comfort grip. Brass stem with adjusting nut. Nozzle has male hose threaded front for attaching accessories.
BRASS FIRE HOSE NOZZLE	
For washdowns and high-volume cleaning. Non-adjustable.	
995-FHN340GHT	6" long with 3/4" garden hose threads.
995-FHN100IPT	8" long with 1" IPT female pipe threads.
995-FHN112IPT	10" long with 1.5" IPT female pipe threads.
BRASS HOSE BIBB	
Rough brass reading pattern faucet. Hose thread and IPT connection.	
959-M71X12	1/2"
959-M71X34	3/4"
959-M71QT12	1/2"
959-M71QT34	3/4"
M71QT12	
M71QT34	

HOSE – FARM AND GARDEN

PART NO.	SIZE	DESCRIPTION	CARTON QTY
938-2958090	5/8" x 90'	Heavy Duty Farm Hose. Rugged Red Cover Resist Abrasion, Patented 6-Ply Construction, Over 500 PSI Burst Strength, and a Protective Collar at Faucet End.	3
938-1058050	5/8" x 50'	Flexogen - The Most Durable Garden Hose Available.	5
938-1058075	5/8" x 75'	Patented 8-Ply Construction, Over 500 PSI Burst Strength. Protective Collar at Faucet End.	
938-04HC	—	Poly Hose Cap, Fits 3/4" Male Garden Hose End.	2/Pkg
920-B34	—	Swivel Nut Garden Hose Thread	5
920-C14	—	1/4" Barb Flat Seat	10
920-C38	—	3/8" Barb Flat Seat	10
920-C12	—	1/2" Barb Flat Seat	10
920-C58	—	5/8" Barb Flat Seat	5
920-C34	—	3/4" Barb Flat Seat	5
920-W406	—	Vinyl Washer	10



GARDEN HOSE QUICK COUPLINGS

No more threading nozzles, sprayers or equipment. Permits maximum flow with minimum pressure drop.

- Garden hose
- Wash-down systems
- Mobile water tank lines
- Milking parlor equipment
- Food processing equipment
- Livestock watering systems
- Brass and stainless steel with nitrile seals

PART NO.	DESCRIPTION	O/M
730-1163MB	Quick Coupling	10
730-VP1163	Quick Coupling in Visi-Pak	1

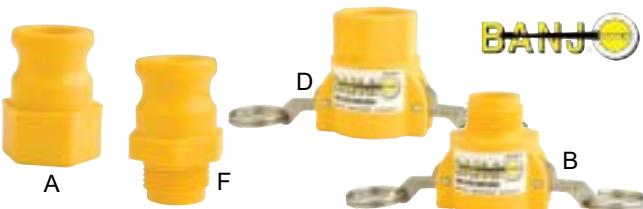


Pioneer

GARDEN HOSE FITTINGS

Quick simple way to connect or disconnect your garden hose to sprinkler, nozzle spigot or other hose end accessories. Yellow fiberglass reinforced polypropylene construction is durable and rustproof. Standard 3/4" diameter opening.

PART NO.	DESCRIPTION
909-GHFT075A	3/4" Adapter x Female Thread
909-GHMT075B	3/4" Coupler x Male Thread
909-GHFT075D	3/4" Coupler x Female Thread
909-GHMT075F	3/4" Adapter x Male Thread



HOSE FITTINGS – BRASS

PART NO.	NPT	HOSE I.D.	O/M
MPT x HOSE BARB			
928-10204	1/8"	1/4"	25
928-104	1/4"	1/4"	25
928-10406	1/4"	3/8"	25
928-10408	1/4"	1/2"	10
928-10604	3/8"	1/4"	10
928-106	3/8"	3/8"	10
928-10608	3/8"	1/2"	10
928-10610	3/8"	5/8"	5
928-10806	1/2"	3/8"	5
928-108	1/2"	1/2"	5
928-10810	1/2"	5/8"	5
928-10812	1/2"	3/4"	5
928-11208	3/4"	1/2"	5
928-112	3/4"	3/4"	5
928-116	1"	1"	5
FPT x HOSE BARB			
928-204	1/4"	1/4"	10
928-20406	1/4"	3/8"	10
928-206	3/8"	3/8"	10
MGHT x HOSE BARB			
928-47506	3/4"	3/8"	5
928-47508	3/4"	1/2"	5
928-47510	3/4"	5/8"	5
928-47512	3/4"	3/4"	5
SWIVEL BALL END INSERTS FEMALE			
928-713	1/4"	1/4"	10
928-709	1/4"	3/8"	10
928-716	3/8"	3/8"	5
HOSE BARBED INSERT			
928-730	—	3/16"	5
928-731	—	1/4"	10
928-732	—	5/16"	5
928-733	—	3/8"	5
928-735	—	1/2"	5



GARDEN HOSE CONNECTORS



PART NO.	DESCRIPTION
SWIVEL CONNECTOR FGHT	
928-50875	3/4" x 1/2" FNPT
928-51275	3/4" x 3/4" FNPT
928-575	3/4" x 3/4" FGHT
ADAPTER MGHT	
928-77508	3/4" x 1/2" FNPT
928-77512	3/4" x 3/4" FNPT
928-675	3/4" x 3/4" MGHT
928-67508	3/4" x 1/2" MNPT
928-87512	3/4" x MNPT x 1/2" FNPT
FLAT SEAT HOSE BARB	
928-306	3/4" x 3/8" Hose Barb
928-308	3/4" x 1/2" Hose Barb
928-310	3/4" x 5/8" Hose Barb
928-312	3/4" x 3/4" Hose Barb
NUT & WASHER	
928-375	Nut
928-3751	Rubber Washer

GARDEN HOSE FITTINGS



**Adapter – Poly
3/4" MGHT x MPT**

PART NO.	THREAD	O/M
VALUE LINE		
920-E3412	1/2"	5
920-E34	3/4"	5

HOSE FITTINGS ZINC PLATED STEEL

PART NO.	THREAD	HOSE I.D.
COMBINATION NIPPLES		
920-AA12S	1/2"	1/2"
920-AA34S	3/4"	3/4"
920-AA100S	1"	1"
920-AA114S	1-1/4"	1-1/4"
920-AA112S	1-1/2"	1-1/2"
920-AA200S	2"	2"
920-AA300S	3"	3"
MALE INSERTS RIGID		
920-IS255	1/8"	1/4"
920-IS256	1/8"	3/8"
920-IS250	1/4"	1/4"
920-IS251	1/4"	3/8"
920-IS253	1/4"	1/2"
920-IS240	3/8"	1/4"
920-IS241	3/8"	3/8"
920-IS243	3/8"	1/2"
920-IS231	1/2"	3/8"
920-IS233	1/2"	1/2"
920-IS234	1/2"	5/8"
920-IS235	1/2"	3/4"
920-IS221	3/4"	3/8"
920-IS223	3/4"	1/2"
920-IS224	3/4"	5/8"
920-IS225	3/4"	3/4"
920-IS227	3/4"	1"



920-AA12S
thru 200S



920-AA300S



PIPE FITTINGS GALVANIZED MALLEABLE

PART NO.	THREAD
REDUCER BUSHINGS	
108-44237	1/4" x 1/8"
108-44238	3/8" x 1/8"
108-44240	3/8" x 1/4"
108-44236	1/2" x 1/8"
108-44241	1/2" x 1/4"
108-44242	1/2" x 3/8"
108-44235	3/4" x 1/4"
108-44239	3/4" x 3/8"
108-44244	3/4" x 1/2"
108-44246	1" x 1/2"
108-44247	1" x 3/4"
108-44251	1-1/4" x 3/4"
108-44252	1-1/4" x 1"
108-44257	1-1/2" x 1"
108-44258	1-1/2" x 1-1/4"
108-44267	2" x 1-1/4"
108-44268	2" x 1-1/2"
108-44270	3" x 1-1/2"
108-44272	3" x 2"
REDUCER COUPLINGS	
108-44181	1/4" x 1/8"
108-44183	3/8" x 1/4"
108-44185	1/2" x 1/4"
108-44186	1/2" x 3/8"
108-44190	3/4" x 1/2"
108-44195	1" x 3/4"
108-44221	1-1/4" x 1"
108-44226	1-1/2" x 1-1/4"
108-44233	2" x 1-1/2"
108-44234	3" x 2"

PART NO.	THREAD
COUPLINGS	
108-44165	1/8"
108-44166	1/4"
108-44167	3/8"
108-44168	1/2"
108-44169	3/4"
108-44170	1"
108-44171	1-1/4"
108-44172	1-1/2"
108-44173	2"
108-44175	3"
TEES	
108-44097	1/8"
108-44098	1/4"
108-44099	3/8"
108-44100	1/2"
108-44101	3/4"
108-44102	1"
108-44103	1-1/4"
108-44104	1-1/2"
108-44105	2"
108-44107	3"
UNIONS	
108-44300	3/8"
108-44301	1/2"
108-44302	3/4"
108-44303	1"



To Order Call Toll Free 877-55 GO SMA 877-554-6762

PIPE FITTINGS – GALVANIZED MALLEABLE

ELBOWS



PART NO.	THREAD
90° ELBOWS	
108-44001	1/8"
108-44002	1/4"
108-44003	3/8"
108-44010	1/2"
108-44011	3/4"
108-44012	1"
108-44013	1-1/4"
108-44014	1-1/2"
108-44015	2"
108-44017	3"
90° ST. ELBOWS	
108-44067	1/8"
108-44068	1/4"
108-44069	3/8"
108-44070	1/2"
108-44076	3/4"
108-44077	1"
108-44078	1-1/4"
108-44079	1-1/2"
108-44080	2"
108-44082	3"

PART NO.	THREAD
45° ELBOWS	
108-44047	1/8"
108-44048	1/4"
108-44049	3/8"
108-44050	1/2"
108-44051	3/4"
108-44052	1"
108-44053	1-1/4"
108-44054	1-1/2"
108-44055	2"
108-44057	3"
45° ST. ELBOWS	
108-44058	1/8"
108-44059	1/4"
108-44060	3/8"
108-44083	1/2"
108-44084	3/4"
108-44085	1"
108-44086	1-1/4"
108-44087	1-1/2"
108-44088	2"
108-44090	3"

PART NO.	THREAD
CAPS	
108-44150	1/8"
108-44151	1/4"
108-44152	3/8"
108-44153	1/2"
108-44154	3/4"
108-44155	1"
108-44156	1-1/4"
108-44157	1-1/2"
108-44158	2"
108-44160	3"

PART NO.	THREAD
PLUGS	
108-44275	1/8"
108-44276	1/4"
108-44277	3/8"
108-44278	1/2"
108-44279	3/4"
108-44280	1"
108-44281	1-1/4"
108-44282	1-1/2"
108-44283	2"
108-44285	3"

PIPE NIPPLES

PART NO.	LENGTH
1/8" DIAMETER	
108-44360	3/4" Close
108-44700	1-1/2"
108-44361	2"
108-44362	3"
108-44363	4"
1/4" DIAMETER	
108-44370	7/8" Close
108-44371	1-1/2"
108-44372	2"
108-44373	3"
108-44374	4"
108-44376	6"
108-44707	8"
108-44708	10"
108-44709	12"
3/8" DIAMETER	
108-44385	1" Close
108-44386	1-1/2"
108-44387	2"
108-44388	3"
108-44389	4"
108-44391	6"
108-44716	12"
1/2" DIAMETER	
108-44640	1-1/8" Close
108-44641	1-1/2"
108-44642	2"
108-44644	3"
108-44646	4"
108-44650	6"
3" DIAMETER	
108-44800	2-5/8" Close
108-44804	4"
108-44806	6"



WE SUPPLY SUCCESS

WWW.SMALINK.COM

CAM LEVER COUPLINGS – ALUMINUM

- Stronger than polypropylene - petroleum and mild chemical resistance
- Supplied with buna rubber gaskets

ADAPTERS

PART NO.	SIZE
FEMALE THREAD	
690-AAL75	3/4"
690-AAL100	1"
690-AAL125	1-1/4"
690-AAL150	1-1/2"
690-AAL200	2"
690-AAL300	3"
MALE THREAD	
690-FAL75	3/4"
690-FAL100	1"
690-FAL125	1-1/4"
690-FAL150	1-1/2"
690-FAL200	2"
690-FAL300	3"

PART NO.	SIZE
HOSE SHANK	
690-EAL75	3/4"
690-EAL100	1"
690-EAL125	1-1/4"
690-EAL150	1-1/2"
690-EAL200	2"
690-EAL300	3"
DUST PLUG	
690-DPAL75	3/4"
690-DPAL100	1"
690-DPAL125	1-1/4"
690-DPAL150	1-1/2"
690-DPAL200	2"
690-DPAL300	3"



BLACK POLY – ADAPTERS

AgSmart

FEMALE THREAD

PART NO.	SIZE
900-AS075A	3/4"
900-AS150A	1-1/2"
900-AS200A	2"
900-AS300A	3"

MALE THREAD

PART NO.	SIZE
900-AS075F	3/4"
900-AS150F	1-1/2"
900-AS200F	2"
900-AS300F	3"

HOSE SHANK

PART NO.	SIZE
900-AS075E	3/4"
900-AS150E	1-1/2"
900-AS200E	2"
900-AS300E	3"

DUST PLUG

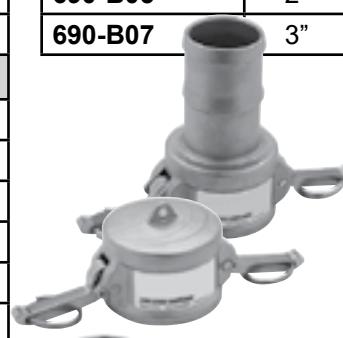
PART NO.	SIZE
900-AS075PL	3/4"
900-AS150PL	1-1/2"
900-AS200PL	2"
900-AS300PL	3"

COUPLERS

PART NO.	SIZE
FEMALE THREAD	
690-DAL75	3/4"
690-DAL100	1"
690-DAL125	1-1/4"
690-DAL150	1-1/2"
690-DAL200	2"
690-DAL300	3"
MALE THREAD	
690-BAL75	3/4"
690-BAL100	1"
690-BAL125	1-1/4"
690-BAL150	1-1/2"
690-BAL200	2"
690-BAL300	3"

PART NO.	SIZE
DUST PLUG	
690-DCAL75	3/4"
690-DCAL100	1"
690-DCAL125	1-1/4"
690-DCAL150	1-1/2"
690-DCAL200	2"
690-DCAL300	3"
GASKET	
690-B01	3/4"
690-B02	1"
690-B03	1-1/4"
690-B04	1-1/2"
690-B05	2"
690-B07	3"

PART NO.	SIZE
690-CAL75	3/4"
690-CAL100	1"
690-CAL125	1-1/4"
690-CAL150	1-1/2"
690-CAL200	2"
690-CAL300	3"



BLACK POLY – ADAPTERS

"A" Series



"F" Series



AGsmart

Dust Plug



CAM LEVER COUPLINGS – BLACK POLY

Corrosion Resistant Polypropylene is Recognized for a Broad Range of Chemical Services.
Stainless Steel Coupler Arms for Added Strength and Corrosion Resistance.

COUPLERS AgSmart



“D” Series

FEMALE THREAD

PART NO.	SIZE
900-AS075D	3/4"
900-AS150D	1-1/2"
900-AS200D	2"
900-AS300D	3"

AGsmart



“B” Series

MALE THREAD

PART NO.	SIZE
900-AS075B	3/4"
900-AS150B	1-1/2"
900-AS200B	2"
900-AS300B	3"

HOSE SHANK



“C” Series

PART NO.	SIZE
900-AS075C	3/4"
900-AS150C	1-1/2"
900-AS200C	2"
900-AS300C	3"

DUST CAP



PART NO.	SIZE
900-AS075CAP	3/4"
900-AS150CAP	1-1/2"
900-AS200CAP	2"
900-AS300CAP	3"

COUPLERS



PART NO.	SIZE
DUST CAP	
909-075CAP	3/4"
909-100CAP**	1", 1-1/4"
909-12V*	1-1/4"
909-150CAP	1-1/2"
909-200CAP	2"
909-300CAP	3"
909-400CAP	4"



ADAPTERS



PART NO.	SIZE
HOSE BARB	
909-075E	3/4"
909-100E	1"
909-125E	1" x 1-1/4"
909-12E*	1-1/4"
909-150E	1-1/2"
909-200E	2"
909-300E	3"
909-400E	4"



DUST PLUG

PART NO.	SIZE
909-075PL	3/4"
909-100PL**	1, 1-1/4"
909-12W*	1-1/4"
909-150PL	1-1/2"
909-200PL	2"
909-300PL	3"
909-400PL	4"

** NOTE: 100CAP, 100PL, 100G work on 100 and 125 Banjo coupler/adapter end.



* NOTE: The 12 Series 1-1/4" couplers listed are not Banjo products but are a true 1-1/4". Banjo does not make a true 1-1/4" coupler, therefore these will not interchange with Banjo's 125 series. The 125 series is a 1" coupler with 1-1/4" thread or barb. They will couple with the 100 series.



CAM LEVER COUPLINGS – BLACK POLY

- Polypropylene Reinforced with Fiberglass for Added Strength and Durability
- Stainless Steel Rings, Cam Levers and Pins Resist Corrosion

ADAPTERS



150A90
200A90



200A



150F90
200F90



200F



200F45



200FF

PART NO.	SIZE
----------	------

FEMALE THREAD

909-075A	3/4"
909-100A	1"
909-125A	1" x 1-1/4"
909-12A*	1-1/4"
909-150A	1-1/2"
909-150A90	1-1/2"
909-200A	2"
909-200A90	2"
909-300A	3"
909-400A	4"

MALE THREAD

909-075F	3/4"
909-100F	1"
909-125F	1" x 1-1/4"
909-12F*	1-1/4"
909-150F	1-1/2"
909-150F90	1-1/2"
909-200F	2"
909-200F45	2"
909-200F90	2"
909-300F	3"
909-400F	4"

MALE SPOOL

909-200FF	2"
909-300FF	3"



COUPLERS

PART NO.	SIZE
----------	------

MALE THREAD

909-075B	3/4"
909-100B	1"
909-125B	1" x 1-1/4"
909-12B*	1-1/4"
909-150B	1-1/2"

HOSE SHANK

909-075C	3/4"
909-100C	1"
909-125C	1" x 1-1/4"
909-12C*	1-1/4"
909-150C	1-1/2"

GASKET

909-075G	3/4"
909-100G**	1", 1-1/4"
909-EPT3	1-1/4"
909-150G	1-1/2"
909-200G	2"
909-300G	3"
909-400G	4"



150D90
200D90



200D



150C90
200C90

303C



* NOTE: The 12 Series 1-1/4" couplers listed are not Banjo products but are a true 1-1/4". Banjo does not make a true 1-1/4" coupler, therefore these will not interchange with Banjo's 125 series. The 125 series is a 1" coupler with 1-1/4" thread or barb. They will couple with the 100 series.

** NOTE: 100CAP, 100PL, 100G work on 100 and 125 Banjo coupler/adapter end.



To Order Call Toll Free 877-55 GO SMA 877-554-6762

PIPE FITTINGS – BLACK POLY

REDUCER BUSHING

PART NO.	THREAD	O/M
BANJO		
909-RB038025	3/8" x 1/4"	1
909-RB050025	1/2" x 1/4"	1
909-RB050038	1/2" x 3/8"	1
909-RB075025	3/4" x 1/4"	1
909-RB075038	3/4" x 3/8"	1
909-RB075050	3/4" x 1/2"	1
909-RB100050	1" x 1/2"	1
909-RB100075	1" x 3/4"	1
909-RB125075	1-1/4" x 3/4"	1
909-RB125100	1-1/4" x 1"	1
909-RB150075	1-1/2" x 3/4"	1
909-RB150100	1-1/2" x 1"	1
909-RB150125	1-1/2" x 1-1/4"	1
909-RB200075	2" x 3/4"	1
909-RB200100	2" x 1"	1
909-RB200125	2" x 1-1/4"	1
909-RB200150	2" x 1-1/2"	1
909-RB300150	3" x 1-1/2"	1
909-RB300200	3" x 2"	1

PART NO.	THREAD	O/M
VALUE LINE		
920-RB3814	3/8" x 1/4"	10
920-RB1214	1/2" x 1/4"	10
920-RB1238	1/2" x 3/8"	10
920-RB3414	3/4" x 1/4"	5
920-RB3438	3/4" x 3/8"	5
920-RB3412	3/4" x 1/2"	5
920-RB10012	1" x 1/2"	5
920-RB1034	1" x 3/4"	5
920-RB11434	1-1/4" x 3/4"	1
920-RB1141	1-1/4" x 1"	1
920-RB1121	1-1/2" x 1"	1
920-RB112114	1-1/2" x 1-1/4"	1
920-RB200100	2" x 1"	1
920-RB200114	2" x 1-1/4"	1
920-RB200112	2" x 1-1/2"	1
920-RB300200	3" x 2"	1



FEMALE COUPLING

PART NO.	THREAD	O/M
BANJO		
909-CPLG038	3/8"	1
909-CPLG050	1/2"	1
909-CPLG075	3/4"	1
909-CPLG100	1"	1
909-CPLG125	1-1/4"	1
909-CPLG150	1-1/2"	1
909-CPLG200	2"	1
909-CPLG300	3"	1

PART NO.	THREAD	O/M
VALUE LINE		
920-FC14	1/4"	10
920-FC38	3/8"	10
920-FC12	1/2"	10
920-FC34	3/4"	5
920-FC100	1"	5
920-FC114	1-1/4"	1
920-FC112	1-1/2"	1
920-FC200	2"	1



REDUCER NIPPLES MPT

PART NO.	THREAD
909-RN050038	1/2" x 3/8"
909-RN075050	3/4" x 1/2"
909-RN100050	1" x 1/2"
909-RN100075	1" x 3/4"
909-RN125075	1-1/4" x 3/4"
909-RN125100	1-1/4" x 1"
909-RN150100	1-1/2" x 1"
909-RN150125	1-1/2" x 1-1/4"
909-RN200125	2" x 1-1/4"
909-RN200150	2" x 1-1/2"
909-RN300200	3" x 2"



REDUCER COUPLING

909-RC100075	1" x 3/4"	1
909-RC150100	1.50" x 1"	1
909-RC150125	1.50"x1.25"	1
909-RC200100	2" x 1"	1
909-RC200150	2" x 1.50"	1
909-RC300200	3" x 2"	1

920-J3412	3/4"GHT x 1/2"	1
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PIPE FITTINGS – BLACK POLY 90° ELBOWS

PART NO.	THREAD	BARB	O/M
BANJO — MPT x HOSE BARB			
909-HB02590	1/4"	1/4"	1
909-HB03890	3/8"	3/8"	1
909-HB05090	1/2"	1/2"	1
909-HB05003890	1/2"	3/8"	1
909-HB05007590	1/2"	3/4"	1
909-HB07590	3/4"	3/4"	1
909-HB07505090	3/4"	1/2"	1
909-HB07510090	3/4"	1"	1
909-HB10090	1"	1"	1
909-HB10007590	1"	3/4"	1
909-HB10012590	1"	1-1/4"	1
909-HB12590	1-1/4"	1-1/4"	1
909-HB12510090	1-1/4"	1"	1
909-HB15090	1-1/2"	1-1/2"	1
909-HB15012590	1-1/2"	1-1/4"	1
909-HB20090	2"	2"	1
909-HB30090	3"	3"	1
FPT x FPT			
909-EL03890	3/8"	3/8"	1
909-EL05090	1/2"	1/2"	1
909-EL07590	3/4"	3/4"	1
909-EL10090	1"	1"	1
909-EL12590	1-1/4"	1-1/4"	1
909-EL15090	1-1/2"	1-1/2"	1
909-EL20090	2"	2"	1
909-EL30090	3"	3"	1
MPT x FPT			
909-SL05090	1/2"	1/2"	1
909-SL07590	3/4"	3/4"	1
909-SL10090	1"	1"	1
909-SL12590	1-1/4"	1-1/4"	1
909-SL15090	1-1/2"	1-1/2"	1
909-SL20090	2"	2"	1
909-SL30090	3"	3"	1
45° ELBOW MPT x FPT			
909-SL07545	3/4"	3/4"	1
909-SL10045	1"	1"	1
909-SL12545	1-1/4"	1-1/4"	1
909-SL15045	1-1/2"	1-1/2"	1
909-SL20045	2"	2"	1
909-SL30045	3"	3"	1

PART NO.	THREAD	BARB	O/M
VALUE LINE — MPT x HOSE BARB			
920-EL14	1/4"	1/4"	10
920-EL1438	1/4"	3/8"	10
920-EL1412	1/4"	1/2"	10
920-EL3814	3/8"	1/4"	10
920-EL38	3/8"	3/8"	10
920-EL3812	3/8"	1/2"	10
920-EL1238	1/2"	3/8"	10
920-EL12	1/2"	1/2"	10
920-EL1234	1/2"	3/4"	5
920-EL3438	3/4"	3/8"	5
920-EL3412	3/4"	1/2"	5
920-EL34	3/4"	3/4"	5
920-EL3410	3/4"	1"	5
920-EL1012	1"	1/2"	5
920-EL1034	1"	3/4"	5
920-EL100	1"	1"	5
920-EL1141	1-1/4"	1"	1
920-EL114	1-1/4"	1-1/4"	1
920-EL112	1-1/2"	1-1/2"	1
920-EL200	2"	2"	1
HOSE BARBED			
920-EL14HB	—	1/4"	10
920-EL38HB	—	3/8"	10
920-EL12HB	—	1/2"	10
920-EL34HB	—	3/4"	5
920-EL100HB*	—	1"	5
920-EL114HB	—	1-1/4"	1
920-EL112HB	—	1-1/2"	1
FPT x FPT			
920-LL100	1"	1"	5
920-LL114	1-1/4"	1-1/4"	1
920-LL112	1-1/2"	1-1/2"	1
920-LL200	2"	2"	1
MPT x FPT			
920-SE14	1/4"	1/4"	10
920-SE12	1/2"	1/2"	10
920-SE34	3/4"	3/4"	5



PIPE FITTING – BLACK POLY CONT.

PLUGS MPT

PART NO.	THREAD	O/M
BANJO		
909-PLUG050	1/2"	1
909-PLUG075	3/4"	1
909-PLUG100	1"	1
909-PLUG125	1-1/4"	1
909-PLUG150	1-1/2"	1
909-PLUG200	2"	1
909-PLUG300	3"	1
VALUE LINE		
920-F14	1/4"	10
920-F38	3/8"	10
920-F12	1/2"	10
920-F100	1"	5
920-F114	1-1/4"	1



PART NO.	THREAD
CAPS	
909-CAP075	3/4"
909-CAP100	1"
909-CAP125	1-1/4"
909-CAP150	1-1/2"
909-CAP200	2"
909-CAP300	3"
VENT CAP	
909-VC230	2"



With
30 Mesh
Screen

NIPPLES MPT

PART NO.	THD X LEN
909-NIP0754	3/4" x 4"
909-NIP0756	3/4" x 6"
909-NIP1004	1" x 4"
909-NIP1006	1" x 6"
909-NIP1254	1-1/4" x 4"
909-NIP1256	1-1/4" x 6"
909-NIP1504	1-1/2" x 4"
909-NIP1506	1-1/2" x 6"
909-NIP2004	2" x 4"
909-NIP2006	2" x 6"
909-NIP3004	3" x 4"
909-NIP3006	3" x 6"



BANJO

PIPE CROSS

PART NO.	THREAD
909-CR075	3/4"
909-CR100	1"
909-CR125	1-1/4"
909-CR150	1-1/2"
909-CR200	2"



GAUGE TEES

PART NO.	DESCRIPTION
BANJO	
909-TEG075	3/4" Poly Tee with 1/4" Female Thread
909-TEG100	1" Poly Tee with 1/4" Female Thread
VALUE LINE	
920-GTT3414	1/4" Nylon Tee with 3/4" Thread, O/M 5



Gauge Not
Included



Nylon

CLOSE NIPPLES MPT

PART NO.	THREAD	O/M
BANJO		
909-NIP025SH	1/4"	1
909-NIP038SH	3/8"	1
909-NIP050SH	1/2"	1
909-NIP075SH	3/4"	1
909-NIP100SH	1"	1
909-NIP125SH	1-1/4"	1
909-NIP150SH	1-1/2"	1
909-NIP200SH	2"	1
909-NIP300SH	3"	1
VALUE LINE		
920-M14	1/4"	10
920-M38	3/8"	10
920-M12	1/2"	10
920-M34	3/4"	5
920-M100	1"	5

SWIVEL M x F

PART NO.	THREAD
909-SW100	1"
909-SW150	1-1/2"
909-SW200	2"

TEES FPT – BANJO

PART NO.	THREAD
909-TT14	1/4"
909-TEE038	3/8"
909-TEE050	1/2"
909-TEE075	3/4"
909-TEE100	1"
909-TEE125	1-1/4"
909-TEE150	1-1/2"
909-TEE200	2"
909-TEE300	3"



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PIPE FITTING – BLACK POLY CONT.

ADAPTER MPT x HOSE BARB



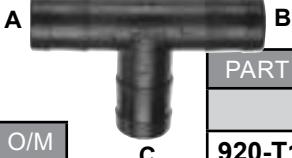
PART NO.	THREAD	BARB	O/M
BANJO			
909-HB025	1/4"	1/4"	1
909-HB025038	1/4"	3/8"	1
909-HB038	3/8"	3/8"	1
909-HB050	1/2"	1/2"	1
909-HB050038	1/2"	3/8"	1
909-HB050075	1/2"	3/4"	1
909-HB075	3/4"	3/4"	1
909-HB075038	3/4"	3/8"	1
909-HB075050	3/4"	1/2"	1
909-HB075058	3/4"	5/8"	1
909-HB075100	3/4"	1"	1
909-HB100	1"	1"	1
909-HB100075	1"	3/4"	1
909-HB100125	1"	1-1/4"	1
909-HB125	1-1/4"	1-1/4"	1
909-HB125100	1-1/4"	1"	1
909-HB125150	1-1/4"	1-1/2"	1
909-HB150	1-1/2"	1-1/2"	1
909-HB150100	1-1/2"	1"	1
909-HB150125	1-1/2"	1-1/4"	1
909-HB150200	1-1/2"	2"	1
909-HB200	2"	2"	1
909-HB200150	2"	1-1/2"	1
909-HB300	3"	3"	1
909-HB400	4"	4"	1

ADAPTER MPT x HOSE BARB



PART NO.	THREAD	BARB	O/M
VALUE LINE			
920-A14	1/4"	1/4"	10
920-A1438	1/4"	3/8"	10
920-A1412	1/4"	1/2"	10
920-A3814	3/8"	1/4"	10
920-A38	3/8"	3/8"	10
920-A3812	3/8"	1/2"	10
920-A1214	1/2"	1/4"	10
920-A1234	1/2"	3/4"	10
920-A1238	1/2"	3/8"	10
920-A12	1/2"	1/2"	10
920-A1258	1/2"	5/8"	5
920-A3438	3/4"	3/8"	5
920-A3412	3/4"	1/2"	5
920-A3458	3/4"	5/8"	5
920-A34	3/4"	3/4"	5
920-A3410	3/4"	1"	5
920-A1034	1"	3/4"	5
920-A100	1"	1"	5
920-A1114	1"	1-1/4"	1
920-A114	1-1/4"	1-1/4"	1
920-A1141	1-1/4"	1"	1
920-A114112	1-1/4"	1-1/2"	1
920-A112	1-1/2"	1-1/2"	1
920-A112114	1-1/2"	1-1/4"	1

INSERT TEES HOSE BARB



HOSE BARBED INSERT

PART NO.	PIPE	O/M
BANJO		
909-HM050	1/2"	1
909-HM075	3/4"	1
909-HM100	1"	1
909-HM125	1-1/4"	1
909-HM150	1-1/2"	1
909-HM200	2"	1
909-HM300	3"	1

PART NO.	PIPE	O/M
VALUE LINE		
920-SHM14	1/4"	10
920-SHM38	3/8"	10
920-SHM12	1/2"	10
920-SHM58	5/8"	5
920-SHM34	3/4"	5
920-SHM100	1"	5



PART NO.	A	B	C	O/M
VALUE LINE				
920-T14	1/4"	1/4"	1/4"	10
920-T38	3/8"	3/8"	3/8"	10
920-T3812	1/2"	1/2"	3/8"	10
920-T12	1/2"	1/2"	1/2"	10
920-T58	5/8"	5/8"	5/8"	5
920-T34	3/4"	3/4"	3/4"	5
920-T3412	1/2"	1/2"	3/4"	5
920-T100	1"	1"	1"	5
920-T114	1-1/4"	1-1/4"	1-1/4"	1
920-T112	1-1/2"	1-1/2"	1-1/2"	1
920-T200	2"	2"	2"	1



To Order Call Toll Free 877-55 GO SMA 877-554-6762

MANIFOLD FITTINGS – BLACK POLY

PART NO.	DESCRIPTION
COUPLINGS	
909-M100CPG	1" x 1" Flange
909-M200CPG	2" x 2" Standard Port Flange
909-M220CPG	2" x 2" Full Port Flange
909-M300CPG	3" x 3" Full Port Flange
909-M300CPG7	3" x 3" Full Port Flange, 7" Long
90° COUPLINGS	
909-M100CPG90	1" x 1" Flange
909-M200CPG90	2" x 2" Standard Port Flange
909-M220CPG90	2" x 2" Full Port Flange
909-M300CPG90	3" x 3" Full Port Flange
REDUCER COUPLINGS	
909-M200100CPG	Std Port x 1" Reducer Flange
909-M220200CPG	2" FP x 2" Std. Port Reducer Flange
TEE	
909-M100TEE	1" Flanged Tee
909-M200TEE	2" Std. Port Flanged Tee
909-M220TEE	2" Full Port Flanged Tee
909-M300TEE	3" Full Port Flanged Tee



Coupling



Tee



Coupling 90°



PART NO.	DESCRIPTION
FEMALE NPT THREAD	
909-M100050FPT	1" Flange x 1/2" FNPT
909-M100075FPT	1" Flange x 3/4" FNPT
909-M100FPT	1" Flange x 1" FNPT
909-M200FPT	2" SP Flange x 2" FNPT
909-M220FPT	2" FP Flange x 2" FNPT
909-M300FPT	3" FP Flange x 3" FNPT
MALE NPT THREAD	
909-M100075MPT	1" Flange x 3/4" MNPT
909-M100MPT	1" Flange x 1" MNPT
909-M100125MPT	1" Flange x 1-1/4" MNPT
909-M200125MPT	2" SP Flange x 1-1/4" MNPT
909-M200150MPT	2" SP Flange x 1-1/2" MNPT
909-M200MPT	2" SP Flange x 2" MNPT
909-M220MPT	2" FP Flange x 2" MNPT
909-M300MPT	3" FP Flange x 3" MNPT
MALE QUICK DISCONNECT	
909-M100A	1" Manifold Flange x 1" Adapter
909-M200A	2" Manifold Flange x 2" Adapter
909-M220A	2" FP Manifold Flange x 2" Adapter
909-M300A	3" FP Manifold Flange x 3" Adapter
HOSE BARB	
909-M100075BRB	1" Flange x 3/4" Barbed
909-M100BRB	1" Flange x 1" Barbed
909-M100125BRB	1" Flange x 1-1/4" Barbed
909-M200100BRB	2" SP Flange x 1" Barbed
909-M200125BRB	2" SP Flange x 1-1/4" Barbed
909-M200150BRB	2" SP Flange x 1-1/2" Barbed
909-M200BRB	2" SP Flange x 2" Barbed
909-M220150BRB	2" FP Flange x 1-1/2" Barbed
909-M220BRB	2" FP Flange x 2" Barbed
909-M300BRB	3" FP Flange x 3" Barbed



MANIFOLD FITTINGS BLACK POLY



PART NO.	DESCRIPTION
FLANGE x HOSE BARB 90° ELBOW	
909-M100075BRB90	1" Flange x 3/4" Barbed
909-M100BRB90	1" Flange x 1" Barbed
909-M100125BRB90	1" Flange x 1-1/4" Barbed
909-M200100BRB90	2" Standard Port Flange x 1" Barbed
909-M200125BRB90	2" Standard Port Flange x 1-1/4" Barbed
909-M200150BRB90	2" Standard Port Flange x 1-1/2" Barbed
909-M200BRB90	2" Standard Port Flange x 2" Barbed
909-M220150BRB90	2" Full Port Flange x 1-1/2" Barbed
909-M220BRB90	2" Full Port Flange x 2" Barbed
909-M300BRB90	3" Full Port Flange x 3" Barbed
PLUGS	
909-M100PLG	1" Flange Plug
909-M200PLG	2" Standard Port Flange Plug
909-M220PLG	2" Full Port Flange Plug
909-M300PLG	3" Full Port Flange Plug
CLAMPS & GASKETS	
909-FC100	100 Series Worm Screw Clamp
909-FC200	200 Series Std. Port Worm Screw Clamp
909-FC220	220 Series Full Port Worm Screw Clamp
909-FC220B	2" Full Port Bolted Flange Clamp, 316 Stainless Steel, 150PSI @ 70° F
909-FC300	300 Series Full Port Worm Screw Clamp
909-FC300B	3" Bolted Flange Clamp, 316 Stainless Steel, 125PSI @ 70° F
909-M100G	100 Series EPDM Gasket
909-M100GV	100 Series FKM (viton type) Gasket
909-150G	200 Series Standard Port EPDM Gasket
909-150GV	FKM (viton type) Gasket 220 Series Standard Port
909-200G	220 Series Full Port Gasket EPDM
909-200GV	FKM (viton type) 220 Series Full Port Gasket
909-300G	300 Series Full Port Gasket EPDM

