

POLYWEST[®]

liquid handling products

DEALER PRODUCT CATALOGUE



ALBERTA 780-960-0725

SASKATCHEWAN 306-956-7788

MANITOBA 204-924-8265

POLYWEST.CA

POLYWEST[®] PRINCIPLES

At Polywest, we understand that your time is valuable. That's why we go out of our way to ensure that your experience with us is positive and productive. As such, we pledge that each of our dealings with you will be guided by these three principles:

CLEAR

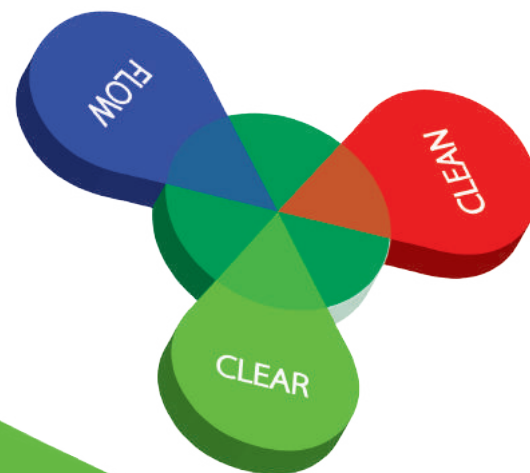
We will make every effort to ensure that pricing and inventory is clearly communicated on request. We will get you answers in a time frame that you can work with. We will tell you if we do not know the answer to your question and we promise to do our best to find the answer and communicate it back to you as soon as possible.

CLEAN

We will hold our employees to the highest ethical standards. We will conduct our business in a way that we can be proud of and we will constantly maintain integrity at all costs. We will create and represent products that have been evaluated by our Product Committees for their high quality, life cycle and value. You can trust that our products are as we represent them in all of our marketing literature.

FLOW

From your first contact, and to our Account Managers, through branch level inside sales and our order desks, to packing, shipping, delivery and invoicing, we promise a quick and seamless flow of customer service that is responsive, accurate and what you would expect from a vendor partner.



NEW ACCOUNTS:

Polywest welcomes new accounts. Orders will be shipped C.O.D. pending credit approval. The link to our credit application can be found at www.polywest.ca.

CREDIT TERMS:

Only approved credit holders will be permitted credit privileges. C.O.D. or NET 30 Day terms are subject to prior credit approval. Interest will be charged on unpaid balances over 30 Days at a rate of 1.5% per month. Any credit issued to your account must be used within 6 months.

PAYMENT:

We accept Debit, e-Transfer, cheques, Visa, and MasterCard as forms of payment. All cash customer orders require a credit card at the time of order and will be charged when available stock is allocated. Orders over \$10,000 will be subject to a 2% surcharge should the customer wish to pay with a credit card.

Special Order Items will require a deposit or payment in full at time of order.

MINIMUM ORDER:

Polywest reserves the right to enforce a \$50.00 minimum order. Orders accepted under this amount may be subject to a \$10.00 handling charge or change in discount.

SHIPPING:

All stocked goods are F.O.B. the stocking Polywest Ltd. location. Please state how shipments are to be made on all correspondence. Merchandise damaged in transit is the responsibility of the carrier. Polywest's liability for damage ceases when the carrier receives and signs for the shipment at our dock. Should you choose to accept a damaged shipment, be sure to note any damage in transit on the bill of lading **before** signing it. Failure to do so relieves the carrier of any liability. Contact the carrier as well as Polywest immediately to inform them of any damage.

RETURNS:

All returns of new and unused goods must have prior approval from Polywest as well as a Returned Merchandise Agreement (RMA). Returned goods must be shipped **prepaid and** may be subject to a restocking fee. Special order items are not refundable. Returned goods should be in their original packaging whenever possible. Please contact your Account Manager for a full explanation of our returned goods policy. **No returns after 90 days.**

TANK WARRANTY INFORMATION:

Polywest & Norwesco:

All Premium Weight (1.5 sg) tanks carry a 3-year warranty. Heavy Duty Weight (1.9 sg) tanks carry a 5-year warranty. Should a defect appear within the warranty period, the manufacturer will supply a new equivalent tank in replacement thereof, or repair the defective tank at their discretion. Liability is limited to the value of the tank itself and specifically excludes the cost of installation and/or removal or consequential damages. Always check with your chemical supplier or Polywest for chemical resistance information.

POLYWEST & NORWESCO Premium Weight tanks are rated for 12.5 pounds per US gallon (15 lbs per IMP gallon). Heavy Duty Weight tanks are rated for 15.75 pounds per US gallon (19 lbs per IMP gallon).

Ace Roto-Mold (A Division of Den Hartog Industries, Inc.)

Den Hartog Industries' polyethylene tanks are warranted to be free from defects in materials and workmanship under normal use and service for a period of 24 months on polyethylene Stock Tanks, 60 months on Septic/Cistern Tanks and 36 months on all other polyethylene tanks. Warrantor's responsibility extends solely to repair and replacement of your Den Hartog product and its components parts. Warrantor does not assume responsibility for, nor shall be liable for, any special, incidental or consequential damages.

Ace Roto-Mold standard tanks have a specific gravity of 1.7. Vertical tanks ranging from 20-625 gallons are standard with a specific gravity of 2.0.

DESIGN TANKS WARRANTY INFORMATION:

All Design Tanks Fibreglass Liquid Storage Tanks carry a 5-year warranty. All tank ratings are listed on the quotes and engineer drawings of the individual tanks.

REMAINING PRODUCT WARRANTIES:

All other items carry the manufacturer's stated warranty. Warranty claims must be approved by Polywest prior to the returning of product. Decisions made by product manufacturers with respect to warranty claims will be final. All freight charges incurred on returned warranty items are the customer's responsibility.

**** SPECIFICATIONS AND PRODUCT AVAILABILITY SUBJECT TO CHANGE WITHOUT NOTICE ****

FREEZE PROTECTION STORAGE SOLUTIONS

..... 1

FIBERGLASS TANKS

BIG GREEN Liquid Fertilizer Tanks..... 2

POLYETHYLENE TANKS

Tank Fitting Chart..... 3

Snyder Polyethylene Tanks 3

Snyder Double Wall Poly Tanks..... 4

Vertical Storage Tanks 5

Horizontal Leg Tanks 7

Total Drain Leg Tanks 8

Elliptical Leg Tanks 9

Low Profile Tanks 10

Hippo Leg Tanks 10

Liquid Surge Stabilizer..... 10

Pickup Truck Tanks 11

Cone Bottom Tanks 11

Sprayer Tanks 13

Mix & Fill / Inductor Tanks 14

Pest Control Operator Tanks..... 14

Flat Bottom Utility Tanks..... 15

Indoor Potable Water Tanks 16

Open Top Cylindrical Tanks 17

Total Drain Tanks 17

Stock Tanks..... 17

WATER AND WASTE

Cistern Holding Tanks..... 18

Residential & Commercial Below Ground

Fiberglass Tanks 19

Sump Pits 21

TANK FITTINGS

Tank Lids..... 23

Polypropylene Bulkhead Fittings 24

Bulkhead Fittings Parts & Accessories... 24

Manifold/Thread Bulkhead Fittings..... 25

HD Polypropylene Bulkhead Fittings 25

Poly Welding Kit 26

Bolted Tank Fittings..... 26

Stainless Steel Bolted Tank Fittings..... 26

Rhino Stainless Steel Bolted

Tank Fittings 26

The Safe-Fill..... 27

RotaCraft Tank Rinse Nozzles..... 28

VALVES AND COUPLERS

Bolted Valves..... 29

Bolted Ball Valve Replacement Parts..... 30

Stubby Bolted Ball Valves..... 31

Easy-Fill Valve 32

Single Union Ball Valves 33

Replacement Parts 36

Micro Valves..... 33

Banjo IBC Poly Ball Valves 34

Spin Weld Ball Valves 34

Manifold Valves..... 34

Stainless Steel Ball Valve 35

Replacement Parts 36

Three Way Ball Valve 35

Replacement Parts 39

Banjo IBC Poly Accessories 36

3-Way Bottom Load Poly Valves 35

Spool Adapters..... 39

Cam Lever Replacement Parts..... 40

90 Degree Cam Lever Coupling 40

THREADED AND MANIFOLD FITTINGS

Nipples 41

Hose Barbs 42

90 Degree Hose Barbs 43

Pipe Elbows 44

Hose Menders..... 44

Reducer Bushings..... 45

FPT Tees 45

FPT Coupling 46

Gauge Port Tees 46

Hose Barb Tees..... 46

FPT Caps..... 47

FPT Crosses 47

MPT Plugs..... 47

Thread Sealants 47

ANSI Flange Kits 48

Poly Garden Hose Couplings..... 48

HD Garden Hose Spray Nozzle..... 48

Garden Hose Fittings..... 49

Banjo Manifold Fittings..... 50

Manifold Fittings 51

Banjo Manifold Sweeps 53

Norwesco Manifold Fittings..... 54

TABLE OF CONTENTS

STRAINERS

Mini T Strainers	55
Line Strainers	56
Manifold T Line Strainers	57
Manifold Y Line Strainers	57
Banjo Manifold Repair Parts	60
Norwesco Strainers	61
Norwesco Strainers Parts	61
TeeJet Line Strainers	62
Helix High Volume Strainers	63
Thompson High Volume Strainer and Filter	64

HOSE AND CLAMPS

PVC Suction Hose	65
Fertilizer Solution Hose	65
Enforcer Solution Hose	65
HD Rubber Suction Hose	66
Reinforced Vinyl Tubing	66
Lay-Flat Discharge Hose	67
AG 200/300 Air & Water Hose	67
Eva Tubing	67
Hose Clamps	68
Check and Foots Valves	69
Cox Hose Reels	70

FILTER FLOAT

Filter Float	71
--------------------	----

THE HANDLER

Features	72
Models	73
Bulk Metering Systems	81
Venturi Components	81

CHEMWASH KIT

Chemwash Emergency Wash Kit	82
-----------------------------------	----

FLOW METERS

Flow Meters	83
Dura Meter	84

PUMPS AND ENGINES

Dura Pump Easy Caddy	87
GPI Chemical Gear Pump & Meter	88
Dura Pump DEF	89
Gas Powered Polypropylene Pumps	90
Banjo Poly Pump Parts	92
Pacer Poly Pump Parts	92
Pacer Protek Parts List	92
High Volume Transfer Pumps	93
Banjo 3" Wet Seal Pump Kit	94
Hypro Transfer Pump	95
Hydraulic & Pedestal Poly Pumps	96
Cast Aluminum	96
Honda Gas Engine Powered Pumps	96
Stainless Steel Pumps	97
Cast Iron Pumps	97
Honda Engines	98
Electric Powered Poly Pumps	98
Aluminum Pressure Pumps	99
Piston Pumps	100
Centrifugal Pumps	113
Irrigation Injection Pumps	121
Piston Metering Injection Pumps	123
Hypro Centrifugal Pumps	124
Delavan Centrifugal Pumps	126

SPRAYER PARTS

Powerflo Diaphragm Pumps	127
John Blue 12-Volt Pump	128
Wetboom Nozzles	128
Fimco Spray Guns	128
Spray Guns	129
Pressure Gauges	130
Sprayer Parts	130

LIQUID FERTILIZER PARTS

Bandit Distribution Kits	131
Master Kits	132
Run Kit	132
Bandit Liquid Kit Parts	133
Remote Gauge Mounting Kit	133
Bandit Bypass Kit	133
Flexible Auger Down Spouts	134
Grain Auger Hoppers	135
ZAG Seed Treatment Applicator	135
Fledbag	136

FREEZE PROTECTION STORAGE SOLUTIONS

PREPARING AND PROTECTING YOUR INVESTMENT AGAINST ALL WEATHER



An innovative freeze protection service that offers reliable, no-freeze solutions and dependable products that work, no matter the weather.

Polywest offers safe and economical freeze protection systems and heating cables that are used in every region of Canada and northern United States, as well as areas of extreme cold, such as Alaska and the Canadian Arctic.

Our solution is one of the most advanced heating cable and water pipe freeze protection systems in North America, which uses conductive polymer self-regulating technology.

We provide:

- Heat-trace cable applications for pipes and tanks
- Heat tape applications to prevent frozen liquid systems
- Energy saving thermostat options
- Self regulating energy-efficient solutions



DID YOU KNOW?
All our heating cable products are approved by the Canadian Standards Association (CSA) and certified to Canadian and USA standards, with appropriate field terminations factory installed.

HOW DOES IT WORK?

Simply put, electric heat tracing is a system designed to keep your tank from freezing. Heat tracing works to preserve the temperature, increase the temperature or compensate for heat losses in pipes or storage vessels. The heat generated by the heating cable maintains a temperature to prevent freezing. Typically, trace heating involves an electrical heating cable that is placed around the tank, and then covered in thermal insulation to stop heat loss and retain the heat line system's temperature. Heating cables, or trace heating systems, offer a variety of freeze protection applications.



FIBERGLASS LIQUID STORAGE TANKS

Fiberglass liquid storage tanks are fast becoming the standard in the agricultural industry. Made using the most advanced fiberglass manufacturing technique in North America, our tanks feature a 4-Layer composite design that has set the industry standard for over 40 years.



COMPOSITE 4-LAYER FIBERGLASS DESIGN

1. A C-Veil inner liner of chemical / corrosion resistant resin.
2. Corrosion barrier of resin layers and high strength chopped fiberglass.
3. High strength structural wall of filament wound glass strands, intermixed with both fiberglass and resin.
4. Exterior coat of chemical and corrosion resistant, weatherproof resin with a UV inhibitor.

CUSTOMIZING

As with any modern engineered product, our fiberglass tanks can be modified to suit just about any application. Whether you require a sloped floor or the ability to walk on the top of the tank itself, our fiberglass tanks are literally made-to-order should a standard tank not suit your needs. Consult your Polywest sales representative for more information.



COMPLETE YOUR INSTALLATION
WITH STAINLESS STEEL FLANGE
KITS AND BALL VALVES!

SEE THE SECTION ENTITLED
PIPE, HOSE AND MANIFOLD FITTINGS
FOR DETAILS.



FIBERGLASS TANKS

ITEM NUMBER	IMPERIAL GALLONS	US GALLONS	LITRES	TONNE	DIAMETER	HEIGHT
1420FBDT	16,667	20,000	75,668	96	14'	18'8"
1422FBDT	18,333	22,000	83,232	105	14'	20'5"
1425FBDT	20,833	25,000	94,582	120	14'	23'
1430FBDT	25,000	30,000	113,500	144	14'	27'4"
1442FBDT	35,000	42,000	158,900	201	14'	37'9"
1450FBDT	41,667	50,000	190,000	239	14'	44'9"

TANK FITTING INFORMATION

NORWESCO

SII SNYDER
INDUSTRIES, INC.

TANK DIAMETER (IN)	MAXIMUM SIZE OF FITTING		GALLONS PER VERTICAL INCH
	BULKHEAD TYPE (IN)	BOLTED TYPE (IN)	
64	3	3	13.7
86	3	3	24.8
90	4	6	27.24
102	4	6	34.68
120	4	8	48.14
142	4	8	67.8

CUSTOMIZED INDUSTRIAL GRADE POLYETHYLENE TANKS

At Polywest we offer multiple Made-to-Order, industrial grade, engineered polyethylene tank options. Snyder Industries, Inc., our primary supplier for custom polyethylene tank applications, boasts the industry's most complete product offering of polyethylene tanks and accessories that can be configured to achieve specific chemical resistance and functionality performance objectives in both single and double wall containment systems. Products can also be designed to meet ASTM standards, ranging in sizes up to 16,500 US gallons, and can come equipped with a variety of options, including seismic / wind restraints, heat maintenance systems, sight gauges, ladder assemblies, flex couplings, and much more.

Snyder offers a diverse range of material options including: HDLPE (high-density) and XLPE (crosslink) resins, along with special resins designed for specific applications, such as an opaque white resin (#880059) designed for sodium hypochlorite or resin (#880046) used specifically for sulfuric acid. Snyder tanks are designed, built and tested to ASTM D 1998-06 Standards. Ensure your industrial application meets all aspects of ASTM. Snyder also offers NSF/ANSI Standard 61 listed tanks as shown by their listing on www.nsf.org. Snyder's HDLPE resin complies with FDA Regulation 177.1520.

Snyder matches each specific chemical to the correct tank material to ensure compatibility. All materials are UV stabilized for long-term outdoor service. Tank styles available include vertical and horizontal tanks, cone bottom tanks, IBC tanks and their highly engineered Captor double wall containment tanks.



Included in the high level of quality control that have made Snyder tanks legendary are Wall Thickness Tests, Hydrostatic Water Tests, Low Temperature Impact Tests, and O – Xylene – Insoluble Fraction (Gel Tests).

EXAMPLES OF MARKET APPLICATIONS

Industrial Chemicals	Chemicals used in a multitude of industries including automotive (used oil collection tanks), aviation, textiles, plastics/rubber, mining, marine, paper/pulp
Water & Waste Water Treatment	Suitable for variety of chemicals from Sodium Hypochlorite (bleach), Ferric Chloride, Sodium Hydroxide, Hydrofluosilicic Acid, and more. Applications include bulk storage, day tanks, batch tank systems, mix tanks, surge tanks, rinse tanks, reverse osmosis and potable water tanks (NSF compliant)
Petroleum & Allied Products	Lubricants, Offshore Drilling Companies, Oil Refineries, Oil & Oil Waste incl. Frac Tanks/Storage containers
Biodiesel & Ethanol Plants	B-100 Storage, vegetable oil storage, tanks for Sulfuric Acid, Caustic Soda, Potassium Hydroxide, Urea
De-icing Chemical Products	Highway/Road chemicals including Calcium Chloride, Magnesium Chloride, Potassium Acetate (airports)
Food Processing Companies	Bakeries, Beverage Companies, Brine Pickle Tanks for the Makers of Pickles, Sauerkraut, Cherries

SNYDER CUSTOMIZED DOUBLE WALL INDUSTRIAL TANKS

Snyder's revolutionary Captor Containment System is designed to alleviate the ever-changing environmental and safety concerns regarding bulk chemical storage and containment for the 21st century.

Captor's unique tank-in-a-tank design enables users and specifiers to incorporate advanced performance and safety features on a bulk-handling system, which provides total containment protection. Captor's double wall construction is completely enclosed so that external matter, such as dust, rain and snow is prevented from collecting in the outer containment tank.

Besides delivering unparalleled performance benefits, Captor Containment Systems also contribute to your company's bottom line by significantly reducing installation and procurement cost. Every Captor is shipped fully-assembled on either a standard or wide load flat bed trailer, which reduces comparable costs by an average of 35 percent.



ITEM	IMPERIAL GALLONS	US GALLONS	LITRES	DIAMETER (IN)	HEIGHT (IN)
5040000N	460	550	2,080	76	65
5470000N	915	1,100	4,165	76	104
5490000N	1,290	1,550	5,865	76	136
5570000N	1,665	2,000	7,570	102	103
5580000N	2,085	2,500	9,465	102	122
5590000N	2,500	3,000	11,355	102	142
5600000N	2,915	3,500	13,250	102	158
5610000N	3,335	4,000	15,140	102	178
5620000N	3,750	4,500	17,035	102	197
5630000N	4,165	5,000	18,925	102	216
5660000N	4,585	5,500	20,820	120	172
5670000N	5,415	6,500	24,605	120	199
1006400N	7,250	8,700	32,935	142	197
1006600N	8,335	10,000	37,855	142	226



Leak Detection Sensor

Capacitive proximity sensor detects and communicates the smallest of leaks with an easy to understand warning signal.



Level Indicator

Ultrasonic level indicator with digital display measures the inner tank's slightest liquid level changes.



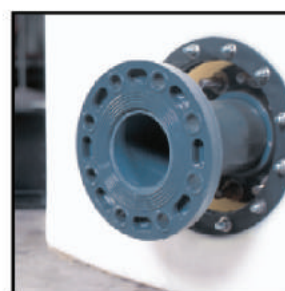
Seismic Restraints and Ladders

Molded-in tie-down lugs and cable tie-down system meet seismic and 150 mph wind load requirements. US OSHA approved ladders are also available.



Fill Pipe Assembly

Modified to accommodate double wall construction and take advantage of our outer containment capability.



Transition Fitting

U.F.O. (Unified Fitting Outlet) design allows side wall fittings to be installed and safely sealed through both walls of the Captor Containment System.



Other Options

Bolted and sealed manways, heat trace and insulation, and most other Snyder tank fittings and accessories.

POLYETHYLENE TANKS

VERTICAL STORAGE TANKS

Vertical storage tanks are most frequently used for bulk storage applications.



PREMIUM WEIGHT (1.5 SG) WHITE	HEAVY WEIGHT (1.9 SG) BLUE	IMPERIAL GALLONS	US GALLONS	LITERS	DIAMETER (IN)	HEIGHT (IN)	LID SIZE (IN)	TANK FITTING (IN)
VT0025	-	25	30	114	19	30	8	0.75
41865*	-	42	50	189	18	53	5	0.75
VT0050	-	60	50	227	29	29	8	1
45192*	-	54	65	246	23	43	8	1.25
41863*	-	62	75	283	23	49	8	1.25
VT0075	-	75	90	341	29	39	8	1
41861*	-	83	100	378	28	43	8	1.25
40803*	-	87	105	397	23	63	8	2
VT0100	-	100	120	454	29	48	8	1
VT0125	-	125	150	568	29	59	8	1
41859*	-	125	150	568	30	56	8	1.25
40281*	-	137	165	624	31	56	16	2
VT0175-31*	FLAT TOP	146	175	662	31	61	8	1.5
VT0150	-	150	180	682	29	71	8	1
41135	-	160	192	727	27.5	70	8	-
41856*	-	167	200	757	30	72	8	2
47401*	-	175	210	795	32	67	16	2
43201	-	200	240	910	29.5	91	8	-
41854*	-	208	250	946	30	89	8	2
VT0265-31*	-	221	265	1,003	31	88	8	1.5
40213*	-	250	300	1,136	36	79	16	2
VT0405-52*	-	337	405	1,533	52	48	8	2
40148*	40150	416	500	1,893	48	72	16	2
VT0505-46*	-	421	505	1,912	46	80	16	2
40023*	-	458	550	2,082	67	43	16	2
41061	-	500	600	2,273	48	84	16	-
40606*	-	625	750	2,839	48	102	16	2
41065	-	750	900	3,410	48	116	16	-
41067	-	800	960	3,636	61	83	16	-
40152*	40154*	833	1,000	3,785	64	79	16	2
VT1000-64*	-	833	1,000	3,785	64	81	16	2
41069	-	900	1,080	4,091	48	149	16	-
40070*	40081	916	1,100	4,163	87	51	16	2
44162	-	1,000	1,200	4,540	72	78	16	2
VT1200-64*	-	1,000	1,200	4,540	64	97	16	2

NOTE: Tanks marked with an * asterisk conform to NSF61 requirements.



VERTICAL STORAGE TANKS

Vertical storage tanks are most frequently used for bulk storage and mobile nursing applications. Vertical tanks feature tie-downs, built-in graduated gallon indicators, an offset fill-opening and a self-vented, slosh-proof lid.



PREMIUM WEIGHT (1.5 SG) WHITE	HEAVY WEIGHT (1.9 SG) BLUE	IMPERIAL GALLONS	US GALLONS	LITERS	DIAMETER (IN)	HEIGHT (IN)	LID SIZE (IN)	TANK FITTING (IN)
40144*	40146	1,250	1,500	5,670	64	115	16	2
VT1500-64*		1,250	1,500	5,670	64	115	16	2
41219 (1.0 SG)	-	1,250	1,500	5,670	87	66	16	2
VT1250	VT1250HD	1,250	1,500	5,670	87	66	16	3
44578	44579	1,250	1,500	5,670	87	66	16	3
VT1250B- BLACK	VT1250HD-BLACK	1,250	1,500	5,670	87	66	16	3
41225- BLACK	-	1,250	1,500	5,670	87	66	16	2
44225	44226	1,550	1,861	7,046	87	66	16	2
VT2000-64*		1,665	2,000	7,571	64	156	16	2
41215	41217	1,700	2,042	7,728	95	75	16	2
VT1750	VT1750HD	1,750	2,100	7,956	87	89	16	3
44582	44583	1,750	2,100	7,956	87	89	16	3
VT1750B- BLACK	VT1750HDB- BLACK	1,750	2,100	7,956	87	89	16	3
44627- BLACK	-	1,750	2,100	7,956	87	89	16	3
44582		1,750	2,100	7,956	87	89	16	3
VT2500	VT2500HD	2,500	3,002	11,365	102	92	16	3
41258	41260	2,100	2,521	9,457	95	99	16	2
44588	44587	2,500	3,002	11,365	95	107	16	3
VT2500- BLACK		2,500	3,002	11,365	102	92	16	3
42360- BLACK		2,500	3,002	11,365	95	107	16	2
42824	42825	4,000	4,804	18,184	120	113	16	3
43936- BLACK	--	4,000	4,804	18,184	120	113	16	3
40164*	40166*	4,163	5,000	18,927	102	152	16	3
41971	41973	5,000	6,004	22,730	120	140	16	3
43901- BLACK		5,000	6,004	22,730	120	140	16	3
40226*	40233*	4,996	6,000	22,772	102	182	16	3
40224*	40232*	5,412	6,500	24,605	120	150	16	3
40663*	40665*	6,494	7,800	29,526	120	176	16	3
43618*	43620*	7,500	9,007	34,096	141	146	16	3
44087	44089	8,333	10,000	37,854	141	160	16/21	3
44313- BLACK	-	8,333	10,000	37,854	141	160	16	3

NOTE: Tanks marked with an * asterisk conform to NSF61 requirements. 12,000, 15,000 and 20,000 gallon polyethylene tanks also available on request.



HORIZONTAL LEG TANKS

With the broadest leg tank line available, We have a size that will fit your needs. Used primarily for transport and nursing applications, molded-in legs that act as baffles to reduce sloshing. Flow through baffles are also built into tanks over 510 US gallons.



PREMIUM WEIGHT (1.5 SG) WHITE	HEAVY WEIGHT (1.9 SG) BLUE	STEEL BAND ITEM NUMBER (QTY/TANK)	IMPERIAL GALLONS	US GALLONS	LITERS	DIAMETER (IN)	HEIGHT WITH LID (IN)	LENGTH (IN)	LID SIZE (IN)	TANK FITTING (IN)
45223*	-	60520 (2)	29	35	132	20	-	29	5	0.75
HL0030-20	-	-	30	36	136	19	22	30	6	1
HL0030-20B- BLACK	-	-	30	36	136	19	22	30	5	1
41092	-	-	40	48	182	20	-	23	5	-
41873*	-	61745 (2)	46	55	208	23	-	34	5	0.75
HL0055-24	-	-	55	66	250	23	25	41	6	1
HL0055-24B- BLACK	-	-	55	65	246	23	25	41	6	1
41939	-	61745 (2)	55	65	246	23	-	43	5	0.75
41183	-	-	80	96	364	23	-	59	5	-
HL0100-30	-	-	100	120	457	29	31	46	8	2
HL0100-30B- BLACK	-	-	100	120	457	29	31	46	8	2
41941	-	61744 (2)	100	120	457	32	-	41	8	2
41094	-	-	125	150	568	30	-	59	8	2
40299*	-	60478 (2)	187	225	852	38	-	49	8	2
41943	-	60478 (2)	200	240	909	38	-	55	8	2
41096	-	-	250	300	1,137	66	-	38	16	2
40217*	-	60478 (2)	271	325	1,230	38	-	68	16	2
HL0300-38	-	-	300	360	1,364	38	-	78	16	2
HL0300-38B- BLACK	-	-	300	360	1,364	38	-	78	16	2
41430	-	60478 (2)	300	360	1,364	38	-	81	16	2
42016*	-	60057 (2)	354	425	1,609	49	-	60	16	2
41229	-	60057 (2)	425	510	1,932	49	-	73	16	2
FS0510-57*	-	FS0510-HP (3)	425	510	1,932	57	80	39	16	2
40181*	40193*	60057 (2)	438	525	1,984	49	-	71	16	2
HL0500-48	-	-	500	600	2,273	48	51	87	16	2
HL0500-48B- BLACK	-	-	500	600	2,273	48	51	87	16	2
41393	-	60057 (2)	500	600	2,273	49	-	83	16	2
41689- BLACK	-	60057 (2)	500	600	2,273	49	-	83	16	2
40993	-	-	730	877	3,319	57	-	93	16	2
40089*	40131*	60057 (4)	854	1,025	3,880	49	-	139	16	2
40994	-	-	1,000	1,200	4,546	55	-	125	16	2
41879*	41881*	63284 (5)	4,184	5,025	19,021	92	-	190	16	3
44314*	44316*	64085 (5)	5,016	6,025	22,807	99	-	193	22	3

NOTE: Tanks marked with an * asterisk conform to NSF61 requirements.



TOTAL DRAIN LEG TANKS

When complete drainage is necessary, these are the tanks of choice. They are designed primarily for use on fertilizer and chemical nurse trailers. The floor of the tank is sloped from end-to-end and side-to-side with a sump mounted fitting in the centre of the tank. Flow through internal baffles and domed ends help make this series one of the smoothest hauling lines on the market.



STEEL SUPPORT BANDS & LADDERS



Bands are custom fabricated to support specific tanks from each manufacturer. Whether using the tank in a stationary position or for transport, bands are necessary to ensure that the tank retains its shape. Bands and ladders must be ordered separately. Steel support bands are required for warranty purposes.

PREMIUM WEIGHT (1.5 SG) WHITE	HEAVY WEIGHT (1.9 SG) BLUE	SHORT STEEL BAND ITEM NUMBER (QTY/TANK)	LONG STEEL BAND ITEM NUMBER (QTY/TANK)	STEEL LADDER ITEM NUMBER	IMPERIAL GALLONS	US GALLONS	LITERS	WIDTH (IN)	HEIGHT (IN)	LENGTH (IN)	LID SIZE (IN)	TANK FITTING (IN)
40655	40657	60584 (3)	-	-	591	710	2,688	47	47	104	16	2
40393*	40395*	60584 (2)	60585 (2)	-	841	1,010	3,823	47	47	140	16	2
42925*	42926*	63642 (3)	-	-	1,095	1,315	4,971	66	55	140	16	-
40806*	40808*	62434 (4)	-	-	1,340	1,610	6,095	69	63	140	16	-
43651*	43652*	63846 (4)	-	-	1,674	2,010	7,608	69	74	140	16	-
-	41383*	63044 (2)	63045 (2)	63047	2,175	2,610	9,866	90	79	140	16	-
-	40824*	62347 (2)	62348 (2)	63047	2,673	3,210	12,151	92	74	178	16	-

NOTE: Tanks marked with an * asterisk conform to NSF61 requirements.

ELLIPTICAL LEG TANKS

This elliptical tank style is designed to provide the greatest capacity with the lowest centre of gravity, making it the best design available for transporting larger volumes. Norwesco elliptical tanks feature molded-in legs and flow-through baffles which work together to reduce sloshing and provide increased stability during transport. All elliptical leg tanks require full length support as well as support bands.



STEEL SUPPORT BANDS



Bands are custom fabricated to support specific tanks from each manufacturer. Whether using the tank in a stationary position or for transport, bands are necessary to ensure that the tank retains its shape. Bands and ladders must be ordered separately. Where required, steel support bands are necessary for warranty purposes.

PREMIUM WEIGHT (1.5 SG) WHITE	HEAVY WEIGHT (1.9 SG) BLUE	STEEL BAND ITEM NUMBER (QTY/TANK)	STEEL LADDER ITEM NUMBER	IMPERIAL GALLONS	US GALLONS	LITERS	LENGTH (IN)	WIDTH (IN)	HEIGHT (IN)	LID SIZE (IN)	TANK FITTING (IN)
FLAT BOTTOM ELLIPTICAL LEG TANKS											
43157	43134	not required	n/a	1,350	1,621	6,037	126	80	53	16	2
43645- BLACK	-	not required	n/a	1,350	1,621	6,037	126	80	53	16	2
44427	44429	not required	n/a	2,650	3,183	12,047	145	92	80	16	3
44509- BLACK	-	not required	n/a	2,650	3,183	12,047	145	92	80	16	3
45272	45274	not required	n/a	3,500	4,203	15,911	180	96	84	16	3
45276- BLACK	-	not required	n/a	3,500	4,203	15,911	180	96	84	16	3
ELLIPTICAL LEG TANKS											
40191*	401492*	60325 (3)	n/a	862	1,035	3,918	89	79	54	16	2
42927*	42929*	63642 (3)	n/a	1,112	1,335	5,054	126	66	55	16	2
40387*	40388*	60586 (4)	n/a	1,362	1,635	6,189	142	71	58	16	2
40618*	40623*	62079 (4)	n/a	1,695	2,035	7,703	142	84	56	16	2
40547*	40283*	60353 (4)	60354	2,195	2,635	9,975	140	90	72	16	3
44075	44077	67456 (4)	n/a	2,220	2,666	10,092	142	88	73	16	3
40686*	40688*	63620 (4)	60354	2,610	3,135	11,867	150	88	80	16	3
40853- BLACK*	41417-BLACK	63620 (4)	60354	2,610	3,135	11,867	150	88	80	16	3
44091	44093	63982 (4)	n/a	2,920	3,506	13,276	151	93	79	16	3
FS3750-88*	-	FS3750-HP	FS3750-LAD	3,123	3,750	14,195	146	91	88	16	3
FS3750-88- BLACK*	-	FS3750-HP	FS3750-LAD	3,123	3,750	14,195	146	91	88	16	3
41267*	41269*	62832 (4)	63033	3,360	4,035	15,274	192	92	75	16	3
FS4200-92*	-	FS4200-HPF-92	n/a	3,500	4,200	15,911	195	92	80	16	3
FS4250-88*	-	FS4250-HP	FS4250-LAD	3,539	4,250	16,088	146	101	88	16	3
FS4250-88- BLACK*	-	FS4250-HP	FS4250-LAD	3,539	4,250	16,088	146	101	88	16	3

NOTE: Tanks marked with an * asterisk conform to NSF61 requirements.



LOW PROFILE TANKS

Low profile tanks are suitable for storage and transport applications. Every tank is approved for use with potable water and is ideal where available height is limited, like under cottages or decks. The deep ribbing provides extra strength and helps to reduce sloshing when used as a transport tank. Each tank has numerous locations suitable for fittings.



WATER WEIGHT (1.5 SG) WHITE	IMPERIAL GALLONS	US GALLONS	LITERS	LENGTH (IN)	WIDTH (IN)	HEIGHT (IN)	LID SIZE (IN)	TANK FITTING (IN)
43123	500	600	2,273	98	72	29	16	2
42890	1,075	1,290	4,887	131	84	36	16	2
43189- BLACK	1,075	1,290	4,887	131	84	36	16	2
42891	1,325	1,591	6,024	131	84	42	16	3
43075- BLACK	1,325	1,591	6,024	131	84	42	16	3
44952	2,100	2,522	9,464	159	90	51	16	3
44799- BLACK	2,100	2,522	9,464	159	90	51	16	3

HIPPO LEG TANKS

The Hippo leg tank is an ideal water transport tank with its low profile design and multiple legs which help reduce sloshing. The Hippo tank also features an off-set fill-opening to make filling easier. The Hippo comes in both natural (white) and black, and is specially sized at 75" wide to be less than the width of a standard trailer to ensure the tank will fit.



PREMIUM WEIGHT (1.1 SG) WHITE	IMPERIAL GALLONS	US GALLONS	LITERS	LENGTH (IN)	WIDTH (IN)	HEIGHT (IN)	LID SIZE (IN)	TANK FITTING (IN)
HP0850	850	1,020	3,864	105	71	48	16	3
HP0850B- BLACK	850	1,020	3,864	105	71	48	16	3
44921	950	1,140	4,319	105	75	48	16	3
44922- BLACK	950	1,140	4,319	105	75	48	16	3

LIQUID SURGE STABILIZER

Liquid Surge Stabilizers are a retrofit baffle technology system designed to stabilize liquid surge. They are a cost effective, industry leading retrofit baffle system designed to stabilize bulk fluids front to back and side to side in transport.

Liquid surge results from movement of the liquid in partially filled tanks. For example, when coming to a stop, the liquid will surge back and forth. When the wave hits the end of the tank, it tends to push the truck in the direction the wave is moving, resulting in the potential for an accident. Also when cornering, the liquid will surge from side to side pushing the truck in the direction the wave is moving resulting in the potential for a rollover.



PART	DESCRIPTION
69004-LSS15	LSS SYSTEM IS CURRENTLY AVAILABLE IN ONE SIZE ONLY. IT IS DESIGNED FOR A 15" MAN-WAY ACCESS, AND IS COMPATIBLE WITH ALL TANKS.

PICKUP TRUCK TANKS

Designed to fit full-size pickups and have low profiles for better rear vision. They feature fill openings offset to the side of the tank for safety and easy access. A tough circular design adds strength. The 185 gallon tank fits both small pickups and full-size models.



PREMIUM WEIGHT (1.5 SG)		IMPERIAL GALLONS	US GALLONS	LITERS	LENGTH (IN)	WIDTH (IN)	HEIGHT (IN)	LID SIZE (IN)	TANK FITTING (IN)
WHITE	BLACK								
TT185	TT185B	185	222	841	60	51	31	8	2
41213	42634	185	222	841	60	48	28	8	2
TT250	TT250B	250	300	1136	60	51	36	8	2
40693	42859	270	324	1,227	62	49	32	8	2
41227	42367	350	425	1,606	65	49	37	8	2

CONE BOTTOM TANKS

CONE BOTTOM TANKS FOR STEEL STANDS

Polywest offers a full range of cone bottom tanks designed for a variety of applications. The conical bottoms enable quick and complete drainage. The cone bottom tanks are molded of rugged, high density polyethylene and are both impact and chemical resistant. Steel stands must be ordered separately.



PREMIUM WEIGHT (1.5 SG) WHITE	HEAVY WEIGHT (1.9 SG) BLUE	STEEL STAND ITEM NUMBER	IMPERIAL GALLONS	US GALLONS	LITERS	CONE SLOPE (DEGREES)	DIAMETER (IN)	HEIGHT (IN)	LID SIZE (IN)	TANK FITTING (IN)
CB0150-36*	-	CB036-45ST	125	150	568	45	36	51	12	2
CB0500-52*	-	CB052-45ST	416	500	1,893	45	52	81	12	2
43852*	-	63934	833	1,000	3,785	45	72	89	16	2
44341*	44420*	64090	850	1,020	3,861	15	91	51	16	2
44339*	44422*	64090	1,100	1,320	4,997	15	91	62	16	2
43854*	-	63934	1,249	1,500	5,678	45	72	115	16	2
44337*	44424*	64090	1,432	1,720	6,510	15	91	76	16	2
CB2000-96*	-	CB096-30ST	1,665	2,000	7,571	30	96	96	16	2
40170*	40172*	60059	2,498	3,000	11,356	30	96	123	16	2
45141	44242	64090	2,498	3,000	11,350	15	91	121	16	3
40549*	40316*	60358	4,579	5,500	20,819	30	119	146	16	3
CB6000-122*	-	CB122-15ST	4,996	6,000	22,712	15	122	150	16	3
40931*	40933*	62473	4,996	6,000	22,712	15	102	195	16	3
40551*	40409*	64070	6,245	7,500	28,390	30	141	149	16	3
44103*	44105*	64070	8,333	10,000	37,854	30	141	188	16	3

NOTE: Tanks marked with an * asterisk conform to NSF61 requirements.

CONE BOTTOM TANKS

Made from the same rugged, high density polyethylene as our standard cone bottom tanks, these tanks come mounted in a polyethylene stand. Each stand features full conical support and offers unmatched corrosion resistance. All models of cone bottom tanks in poly stands can also be ordered without the stand.



CONE BOTTOM TANKS IN POLY STANDS

PREMIUM WEIGHT (1.5 SG) WHITE	HEAVY WEIGHT (1.9 SG) BLUE	POLY STAND ITEM NUMBER	IMPERIAL GALLONS	US GALLONS	LITERS	CONE SLOPE (DEGREES)	DIAMETER (IN)	HEIGHT (IN)	LID SIZE (IN)	TANK FITTING (IN)
43161*	-	Included	104	125	473	15	48	41	8	2
60113*	-	Included	145	175	662	30	43	49	16	2
62343*	-	Included	250	300	1,135	30	49	61	16	2
62441*	-	Included	258	310	1,170	30	42	71	8	2
40289*	-	Included	417	500	1,892	30	48	87	16	2
40809*	-	Included	625	750	2,840	20	72	73	16	2
40359*	-	Included	875	1,050	3,975	20	72	85	16	2
40813	40815	Included	1,333	1,600	6,057	30	88	96	16	2
40672	40674	Included	2,082	2,500	9,463	30	99	116	16	2
40797*	40799*	Included	2,498	3,000	11,356	30	99	134	16	2

NOTE: Tanks marked with an * asterisk conform to NSF61 requirements. Part number 43161 can also be used as a tank with secondary containment.

CONE BOTTOM VERTICAL STORAGE TANKS



PREMIUM WEIGHT (1.5 SG) WHITE	POLY STAND ITEM NUMBER	IMPERIAL GALLONS	US GALLONS	LITERS	CONE SLOPE (DEGREES)	DIAMETER (IN)	HEIGHT (IN)	LID SIZE (IN)	TANK FITTING (IN)
CB0050	CBSTAND-30	50	60	227	15	29	36	8	2
CB0075	CBSTAND-30	75	90	341	15	29	46	8	2
CB0100	CBSTAND-30	100	120	455	15	29	57	8	2
CB0125	CBSTAND-30	125	150	568	15	29	67	8	2
CB0150	CBSTAND-30	150	180	682	15	29	78	8	2

NOTE: Tanks marked with an * asterisk conform to NSF61 requirements.

SPRAYER TANKS

ELLIPTICAL SPRAYER TANKS

Designed for larger volume applicator needs, the elliptical tanks feature a low profile design and a low centre of gravity for excellent visibility in the field and increased stability when towed. A deep sump permits complete drainage and the tanks feature an 8" or 16" fill-opening. Steel saddles must be ordered separately.

CYLINDRICAL SPRAYER TANKS

All cylindrical sprayer tanks feature a lid which threads directly into the fill-opening of the tank to help prevent the sloshing or leaking of tank contents during transport or application. All tanks have a sump installed fitting to permit complete drainage. Steel saddles must be ordered separately.



PREMIUM WEIGHT (1.5 SG) WHITE	STEEL SADDLE ITEM NUMBER	TANK TYPE	IMPERIAL GALLONS	US GALLONS	LITERS	LENGTH (IN)	WIDTH (IN)	OVERALL HEIGHT	LID SIZE (IN)	TANK FITTING (IN)	NUMBER OF TANK FITTINGS
41252	63015	ELLIPITCAL	167	200	756	66	40	30	8	1.25	2
40327*	63016	ELLIPITCAL	250	300	1,136	70	48	36	16	1.25	2
HE0500-57*	HE0500-C	ELLIPITCAL	416	500	1,893	82	57	36	8	.75 & 1.25	2
40328*	63018	ELLIPITCAL	416	500	1,893	82	57	44	16	1.25	2
HE0750-69*	HE0750-C	ELLIPITCAL	625	750	2,839	89	69	42	16	1.25 & 2	2
40329*	60371	ELLIPITCAL	625	750	2,839	88	69	48	16	2	1
40330*	60372	ELLIPITCAL	833	1,000	3,785	90	78	55	16	2	1
47972	-	ELLIPITCAL	1,333	1,600	6,056	138	78	54	16	2	1
61737	-	CYLINDRICAL	17	20	76	31	15	18	5	0.75	1
41799	60321	CYLINDRICAL	25	30	113	21	23	26	5	0.75	1
45193	60303	CYLINDRICAL	45	55	208	34	23	27	5	0.75	1
HZ0055-23*	HZ0055-C	CYLINDRICAL	46	55	208	38	23	27	5	0.75	1
45105	60303	CYLINDRICAL	70	85	321	52	23	26	5	0.75	1
60204	-	CYLINDRICAL	83	100	378	57	24	28	8	0.75	1
HZ0110-30*	HZ0110-C	CYLINDRICAL	92	110	416	44	30	32	8	1.25	1
45053	60315	CYLINDRICAL	92	110	416	41	30	34	8	1.25	2
HZ0150-32*	HZ0150-C	CYLINDRICAL	125	150	568	52	32	36	8	.75 & 1.25	2
45117	60315	CYLINDRICAL	125	150	568	46	32	35	8	1.25	2
HZ0200-38*	HZ0238-C	CYLINDRICAL	167	200	757	42	38	38	8	.75 & 1.25	2
45059	63019	CYLINDRICAL	167	200	757	62	32	35	8	1.25	2
45061	63020	CYLINDRICAL	167	200	757	47	38	42	8	1.25	2
HZ0300-38*	HZ0300-C	CYLINDRICAL	250	300	1,136	76	38	43	8	.75 & 1.25	2
40135	63021	CYLINDRICAL	250	300	1,136	68	38	41	8	1.25	2
40137*	63022	CYLINDRICAL	333	400	1,514	74	42	45	8	1.25	2
40274	63023	CYLINDRICAL	417	500	1,893	75	48	51	8	1.25	2

NOTE: Tanks marked with an * asterisk conform to NSF61 requirements.



MIX & FILL / INDUCTOR TANKS

Inductor tanks are suitable for mixing chemicals when filling a larger tank. The tanks feature a lid which threads directly into the fill-opening of the tank to prevent the sloshing or leaking of contents during transport or application. Steel stands must be ordered separately.

PREMIUM WEIGHT (1.5 SG) WHITE	STEEL STAND ITEM NUMBER	IMPERIAL GALLONS	US GALLONS	LITERS	DIAMETER (IN)	HEIGHT (IN)	CONE SLOPE (DEGREES)	LID SIZE (IN)	TANK FITTING (IN)
60214	60313	12.5	15	57	19	23	60	8	2
42064	63397	12.5	15	57	24	21	57	16	2
42065	63397	25	30	114	24	28	57	16	2
IN0030-24*	IN30/55-ST	25	30	114	24	30	57	12	2 FPT
INFD30-24*	INFD30-55-ST	25	30	114	24	33	FULL DRAIN	12	1.5 FPT BOSS
IN0055-24*	IN30/55-ST	42	50	189	24	42	57	12	2 FPT
45098	65517	29	35	132	23	29	45	8	2
62205	62204	50	60	227	31	32	45	16	2
42066	63397	50	60	227	24	42	57	16	2
INFD60-30*	INFD40-/85-ST	50	60	227	30	38	FULL DRAIN	16	2 MPT BOSS
47190	No Stand Available	66	80	303	32	37	45	16	2
INFD110-30*	INFD40/85-ST	92	110	416	30	56	FULL DRAIN	12	2 FPT BOSS

NOTE: Tanks marked with an * asterisk conform to NSF61 requirements.

PCO (PEST CONTROL OPERATOR) TANKS

A multipurpose tank, the PCO is well suited for nursery, agricultural and lawn care applications. These tanks feature self-supporting legs and do not require any saddles or steel supports. Flat spots are molded into both ends to provide mounting areas for agitation equipment.



PREMIUM WEIGHT (1.5 SG) WHITE	IMPERIAL GALLONS	US GALLONS	LITERS	LENGTH (IN)	WIDTH (IN)	HEIGHT W/LID (IN)	LID SIZE (IN)	TANK FITTING (IN)
41254	25	30	113	25	19	23	5	-
PCO035-16W*	29	35	132	35	16	21	5	1
PCO050-19W*	42	50	189	38	19	23	8	1
40664	42	50	189	38	19	22	8	-
40668	83	100	378	38	30	28	8	-
40669	125	150	567	48	36	28	8	-
41413	167	200	756	48	36	37	8	-
PCO200-37W	167	200	756	48	37	38	12	1 ¼
41381	250	300	1134	69	36	37	16	-

NOTE: Tanks marked with an * asterisk conform to NSF61 requirements.

FLAT BOTTOM UTILITY TANKS

Like the PCO tank, the Flat Bottom Utility tank can be used for a variety of applications. It is the perfect choice when looking for a tank to put in the bed of a pickup truck. Also available are steel band sets for use in securing these tanks for transport.



PREMIUM WEIGHT 1.5 SG) WHITE	IMPERIAL GALLONS	US GALLONS	LITERS	WIDTH (IN)	LENGTH (IN)	HEIGHT	LID SIZE (IN)	TANK FITTING (IN)
SP0026-RT*	22	26	98	25	18	19	8	0.75
45312	37	44	168	18	36	19	5	-
SP0055-MM*	46	55	208	18	18	44	5	1
SP0050-RT*	42	50	189	38	19	23	8	1
42341*	42	50	189	38	19	23	8	1
SP0100-RT*	83	100	379	43	27	29	8	1
42343*	83	100	378	43	27	29	8	1
SP0150-RT*	125	150	568	48	36	29	8	1
42345*	125	150	568	48	36	29	8	1
SP0200-RT*	167	200	757	48	36	38	8	1
42347*	167	200	757	48	36	38	8	1

LOW PROFILE RECTANGLE TANKS



PREMIUM WEIGHT 1.5 SG) WHITE	IMPERIAL GALLONS	US GALLONS	LITERS	WIDTH (IN)	LENGTH (IN)	HEIGHT	LID SIZE (IN)	TANK FITTING (IN)
LP0050-RT*	42	50	189	43	24	15	5	1
LP0110-RT*	92	110	416	48	35	19	8	1
42349*	92	110	416	48	35	18	5	1
LP0300-RT	250	300	1136	48	80	21	8	2

NOTE: Tanks marked with an * asterisk conform to NSF61 requirements.

INDOOR POTABLE WATER TANKS

These tanks have been designed with residential and commercial applications in mind. The dimensions of the tanks allow them to fit through a conventional doorway. Suitable sized bulkhead fittings can be installed in numerous locations on each tank.



PREMIUM WEIGHT (1.5 SG) WHITE	IMPERIAL GALLONS	US GALLONS	LITERS	WIDTH (IN)	LENGTH (IN)	HEIGHT (IN)	LID SIZE (IN)	TANK FITTING (IN)
41205	115	138	523	24	24	60	16	-
MNP190	190	228	864	29	58	38	16	-
42337*	208	250	945	29	62	44	16	1.25
41199	230	276	1045	24	48	62	16	-
44330*	250	300	1136	29	66	50	16	1.25
VT0330	330	396	1500	28.75	63.5	71.5	16	2
41190	330	396	1500	32	43	82	16	-
41241	330	396	1500	29	62	68	16	1.25
41015	350	420	1591	30	61	64	16	-
SP0500-UT*	416	500	1893	31	74	70	16	2
43616*	416	500	1893	31	74	70	16	1.25
44528	500	600	2273	35	58	82	16	-
SP0750-UT*	625	750	2839	35	82	86	16	2
44310*	625	750	2839	35	82	85	16	2
SP1000-UT*	833	1000	3785	40	92	89	16	2
44045*	833	1000	3786	40	92	89	16	2

NOTE: Tanks marked with an * asterisk conform to NSF61 requirements.

OPEN TOP CYLINDRICAL TANKS

The seamless cylindrical containers are ideal for handling liquids, granular material and powders. The chemical resistant tanks are rated for the storage of potable water.



PREMIUM WEIGHT (1.5 SG) WHITE	IMPERIAL GALLONS	US GALLONS	LITERS	DIAMETER (IN)	HEIGHT (IN)	LID DIAMETER (IN)
MC15	16	19	73	19	25	20
MC25	25	30	114	19	30	19
MC30	29	35	132	22.5	35	23
MC50	49	59	223	27.5	32	28
MC70	68	81	309	27.5	42	28
MC100	96	115	436	27.5	56	28
MC120	115	138	523	27.5	66	28
MC150	140	168	636	27.5	78	28
MC300	294	353	1,337	38	82	39
MC 100B-RB	TANK, 96 IMP GAL RAIN BARREL					
MC 100B-RB-KIT	FITTINGS FOR RAIN BARREL					

TOTAL DRAIN TANKS

When total drainage in a small application is needed, these are the tanks of choice. The 5 and 10 US gallon models have sloped bottoms with a 1-1/4" spin-weld fitting. The 12 US gallon model has a sump located in the centre with a 3/4" fitting.



PREMIUM WEIGHT (1.5 SG) WHITE	IMPERIAL GALLONS	US GALLONS	LITERS	LENGTH (IN)	WIDTH (IN)	HEIGHT (IN)	LID SIZE (IN)	TANK FITTING (IN)
SPBM2.5-RT*	2	2.5	9.5	14	7	15	5	0.75
42321*	4	5	19	11	11	18	8	1.25
42351*	8	10	38	13	13	21	8	1.25
SPO012-RT*	10	12	45	18	14	12	5	0.75
60521*	10	12	45	18	14	15	5	0.75

NOTE: Tanks marked with an * asterisk conform to NSF61 requirements.

STOCK TANKS

Stock Tanks are designed for portable livestock watering. Tank tops, sides and bottoms are ribbed for strength. Drain plug is provided on all tanks except for ARM-10115. Nestable for shipping and storage. Tanks manufactured from USDA compliant low-density polyethylene with UV inhibitors.



PART	CAPACITY	LENGTH (IN)	WIDTH (IN)	HEIGHT (IN)	DRAIN PLUG (IN)
ARM-10115*	50 GAL OVAL	31	50	12	No
ARM-10116*	100 GAL OVAL	31	55	25	1
ARM-10117*	150 GAL OVAL	31	75	25	1
ARM-19455*	120 GAL ROUND	48		24	1.5
ARM-10138*	320 GAL ROUND	72		24	1.5
ARM-10139*	610 GAL ROUND	96		24	1.5
ARM-10135*	920 GAL ROUND	106		29	1.5

NOTE: Tanks marked with an * asterisk conform to NSF61 requirements.

CISTERN AND HOLDING TANKS

ABOVE GROUND

The 180 to 2100 Imperial gallon low-profile tanks are ideal for storage in areas where height is an important consideration. The low-profile tanks are designed to fit under a cottage or cabin and the strong, deep ribs create extra strength. They may also be used as stationary water storage or holding tanks where applicable. Some tanks may also be available in black- please ask your Polywest representative directly for a complete list.



PART	IMP GAL	US GAL	LITERS	LENGTH (IN)	WIDTH (IN)	HEIGHT (IN)	LID SIZE (IN)
MLP180	180	216	819	72	48	20	16
44181***	250	300	1,137	96	60	15	16
40964	300	360	1,364	96	48	25	16
44182***	500	600	2,273	96	60	30	16
44183***BLACK	500	600	2,273	96	60	30	16
44187***	1,000	1,200	4,546	152	88	24	16
44174***	1,320	1,584	6,001	154	94	38	16
44190***	1,720	2,064	7,819	152	88	40	16
44178***	1,950	2,340	8,865	154	94	49	16

*** CSA approved tank.

BELOW GROUND

Our below ground cistern & holding tanks feature the same rugged design found in our above ground tanks and are light weight for ease of transportation and installation. Our polyethylene below ground tanks use FDA approved resins for use in drinking water applications. All of our below ground tanks should be kept 1/4 full after installation.



PART	IMP GAL	US GAL	LITERS	LENGTH	WIDTH	HEIGHT	LID SIZE	EXTENSION LENGTH
40965	300	360	1,364	96	48	25	16	18
44184***	500	600	2,273	96	60	30	16	26
44176***	1,320	1,584	6,001	154	94	38	30	26
44180***	1,950	2,340	8,865	154	94	49	30	26

*** CSA approved tank.

RESIDENTIAL & COMMERCIAL BELOW GROUND FIBERGLASS TANKS



Polywest is a strong believer in the benefits of fiberglass and polyethylene tanks. Applications that require burial depths beyond 3' (three feet), a fiberglass tank is an effective option. Fiberglass offers an unmatched combination of strength and corrosion resistance, especially when compared to concrete. While we are the first to admit that installing a fiberglass tank is more involved than a concrete tank, the benefits of a lightweight fiberglass tank that can be delivered behind a pickup, and will provide a lifetime of consistent service.

WATER AND WASTE

TANK TYPES INCLUDE

- Sewage holding tanks to 12,000 US gallons
- Two chamber septic tanks to 12,000 US gallons
- Two chamber trickle tanks to 12,000 US gallons
- Two chamber siphon tanks to 3,000 US gallons
- Water cisterns to 12,000 US gallons

AVAILABLE ACCESSORIES INCLUDE

- Septic and potable water pumps
- High and low level alarms and gauges
- Poly sumps and lift stations



Contact one of our branches for more information on our residential water and wastewater systems!

FIBREGLASS BALL TANKS

Our shallow burial models come complete with 30" x 12" bonded man-ways, and are rated for 24" of earth cover. Our deep burial models (indicated by the "2.14" in the part item number) come complete with 30" x 36" bonded man-ways and are rated for 2.14 metres of earth cover.

FIBREGLASS VERTICAL SECTIONAL WATER AND WASTE TANKS

Our freestanding fibreglass above ground storage tanks are made for locations where below ground burial is not possible. For indoor use these tanks can be moved through standard doorways then assembled. Each tank comes with a 16" lid installed.

ONTARIO APPROVED FIBREGLASS TANKS

Made from the same 100% Pure resin and glass as our waste water and ball tanks, these tanks conform to the Ontario Government's requirements for waste water tanks. Each comes complete with two access openings as well as 4" inlet & 1-1/4" or 4" outlet. Rated for 24" of earth cover. ***These tanks come with the larger 200 gallon pump chamber.*

FIBREGLASS WATER HOLDING TANKS AND CISTERNS

Made from the same 100% Pure resin and glass as all of our fibreglass tanks, our line of water holding tanks are second to none.

These single chamber tanks have an FDA accepted interior Gel coat to insure consistent potable water quality. Rated for 36" of earth cover, heavy duty models can be special ordered for up to 84" of earth cover. Tanks come with 2" outlet.

FIBREGLASS WASTE WATER TANKS - 5FT. DIAMETER

Our line of fibreglass waste water tanks are made for 100% Pure resin and glass no fillers. Each tank comes complete with a 30" manhole and lid.

- Holding tanks come with one 4" inlet fitting.
- Pump-Out tanks come with one 4" inlet and one 2" outlet fitting.
- Trickle tanks come with one 4" inlet fitting and one 4" outlet fitting.

FIBREGLASS WASTE WATER TANKS - 6 AND 8FT. DIAMETER

Our line of fibreglass waste water tanks are made for 100% pure resin and glass, no fillers. Each tank comes with a 30" man-way access and lid. All of our 6ft. and 8ft. diameter tanks are rated for 84" of earth cover. Holding tanks come with one 4" inlet fitting. Pump-Out tanks come with one 4" inlet and one 2" outlet fitting. Trickle tanks come with one 4" inlet and on 4" outlet fitting.

ALL OF OUR FIBREGLASS TANKS CAN BE CUSTOM ORDERED WITH BONDED MAN-WAY EXTENSIONS FOR A NO-SEAM INSTALLATION. FOR MORE DETAILS, PLEASE CONTACT POLYWEST AT 1.855.765.9937

SUMP PITS

Our sump pits are made of high-density polyethylene and serve to collect excess water from under your basement floor and foundation walls. We offer a variety of sump pits. Building codes may dictate which pit is required in your area. Your plumber or foundation contractor will be the expert to consult with for which type of sump pit and pump to use.

Loaded with innovative features to guarantee years of service!

Each of our sump pits showcase the following features:

1. Strong, corrosion resistant
2. Made from durable polyethylene
3. Precut cord and discharge pipe holes with supplied grommets
4. Sealed HDPE lid with neoprene gasket
5. Stainless steel hardware
6. Anti-flotation flange to lock the sump pit into the floor slab
7. Octagonal design gives multiple locations for weeping tile inlets and adds structure to the tank



PART	DESCRIPTION	CAPACITY (IMP. GAL)	WEIGHT (LBS)
SP-01OCT	18" x 30" Octagonal Sump Pit	27	13
SP-02OCT	30" x 30" Octagonal Sump Pit	75	25
SP-03OCT	23" x 30" Octagonal Sump Pit	45	16
SP-03	21" x 30" Round CMHC Approved S	45	16
CSP-LIDKIT	Replacement Lid And Gasket		
515	Grommet		

PERFORATED SUMP PITS

- 2 Models- PSP-3 (36" H) & PSP-4 (48" H)
- 12" Extensions also available (PSP- EXT)
- Durable and Adaptable to Different applications
- Used in new builds and renovations

PART	DESCRIPTION
PSP-3	28" DIA x 36" H- Perforated
PSP-4	28" DIA x 48" H- Perforated



RIBBED SUMP PITS & SEWAGE LIFT STATIONS

The heavy duty ribbed design of these sump pits provide the durability required for deeper burial.

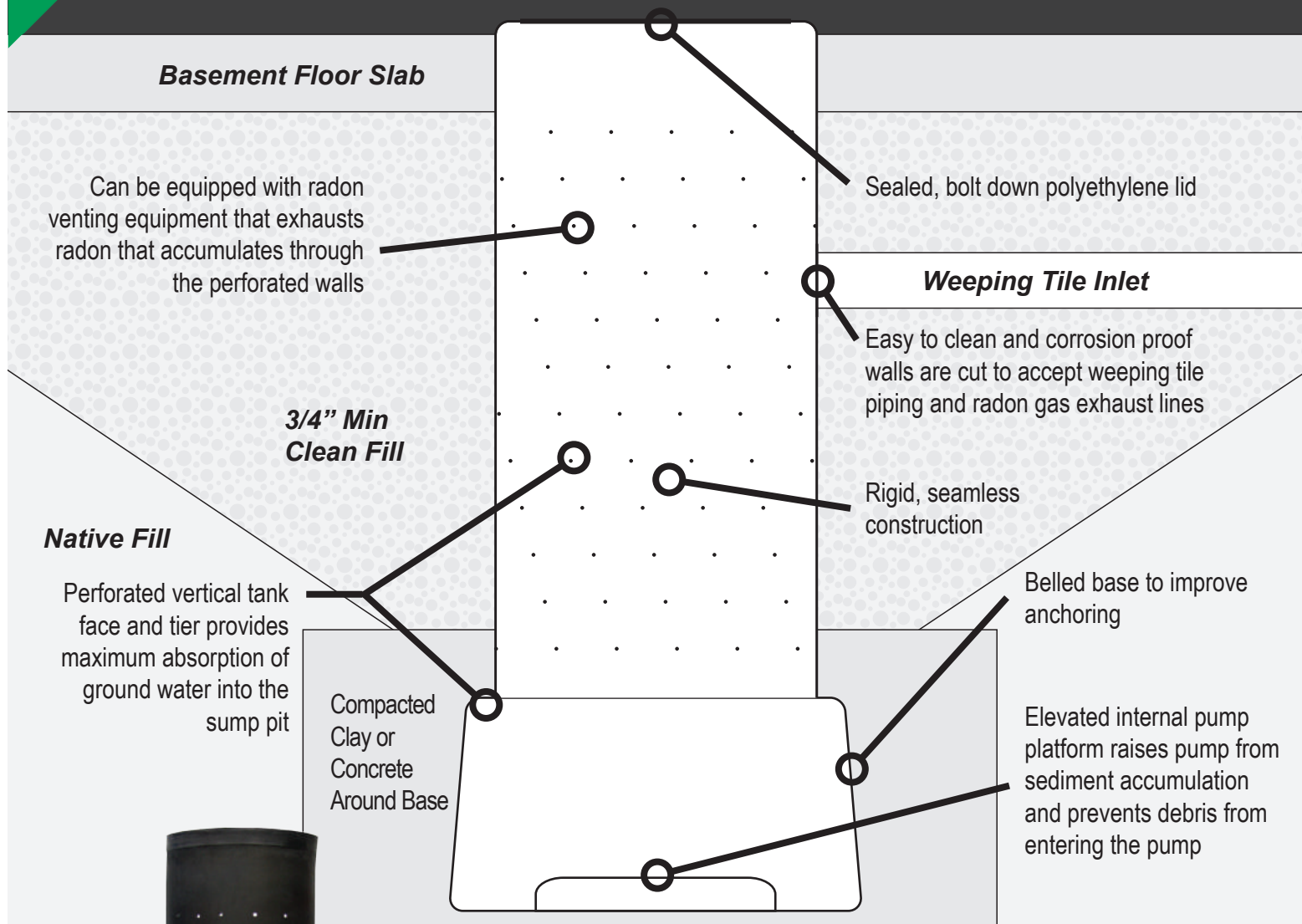
PART	CAPACITY		DIMENSIONS	
	GAL	LTR	DIA.	HEIGHT
41239-SP	112	509	33"Dia.	42"
41017-SP	154	700	33"Dia.	57"
41018-SP	241	1,096	33"Dia.	91"

IDEAL FOR NEW OR RENOVATION PROJECTS

POLYWEST[®]

liquid handling products

PERFORATED SUMP PITS



Can be equipped with radon venting equipment that exhausts radon that accumulates through the perforated walls

Sealed, bolt down polyethylene lid

Weeping Tile Inlet

Easy to clean and corrosion proof walls are cut to accept weeping tile piping and radon gas exhaust lines

3/4" Min Clean Fill

Rigid, seamless construction

Native Fill

Perforated vertical tank face and tier provides maximum absorption of ground water into the sump pit

Compacted Clay or Concrete Around Base

Belled base to improve anchoring

Elevated internal pump platform raises pump from sediment accumulation and prevents debris from entering the pump



- 2 MODELS - PSP-3 (36" H) & PSP-4 (48" H)
- 12" EXTENSIONS ALSO AVAILABLE (PSP-EXT)
- DURABLE AND ADAPTABLE TO DIFFERENT APPLICATIONS
- USED IN NEW BUILDS AND RENOVATIONS



POLYWEST[®]
liquid handling products

WATER AND WASTE

TANK LIDS



14-15050



14-14910



14-15212



62532



10-15110

PART	SIZE (IN)	DESCRIPTION
14-15215	4	LID, VENTED W/ BAFFLE W/ RING
14-15190	4	RING FOR 14-15180
14-15210	4	LID, VENTED W/ BAFFLE W/O RING
14-15212	4	LID, VENTED W/O RING (FITS IN 14-15050)
14-15180	4	LID, NON-VENTED W/O RING
63264	5	LID WITH 2" FPT (NO VENT)
60322	5	LID WITH BALL CHECK AIR VENT
63484	5	VENTED LID
63322	5	LID; 5" LID/FOR 300 & 500 LEG TANK
60019	6	6" VENT LID FOR 60011
14-14910	8	LID, VENTED W/ RING
14-14930	8	LID, NON-VENTED W/ RING
60002	8	LID; 8 LID WITH AIR VENT
63480	8	VENTED LID ONLY (PICKUP TANK LID)
10-14970	8	STRAINER BASKET FOR 8" LID
352041-1	12	VENTED LID ASSEMBLY (LID, VENT, RING)
14-14980	12	LID, VENTED W/ RING
352141-1	12	VENT-LESS LID ASSEMBLY (LID, RING)
14-15000	12	LID, NON-VENTED W/ RING
325141	12	VENT-LESS LID ONLY
14-15050	16	LID, VENTED W/ RING
14-15070	16	LID, NON-VENTED W/ RING
60012	16	VENTED LID ONLY (W/ 16" VENT LID)
60367	16	VENT-LESS LID ASSEMBLY (LID, RING)
63390	16	VENT-LESS HINGED LID ASSEMBLY (INCL RING)
62532	16	HINGED LID ASSEMBLY, W/ RING & VENT)
62828	16	RING ASSEMBLY FOR 16" HINGED LID
10-15080	16	16 CLOSED NO RIM LID POLY
62941	16	GASKET FOR 16" LID
60012	16	RING ONLY
10-15110	16	STRAINER BASKET FOR 16" LID
63347	20	LID; 20" POLY HOLDING TANK C/W 4 SCREWS
14-15120	22	LID, VENTED W/ RING

POLYPROPYLENE BULKHEAD FITTINGS

Manufactured from the same rugged polypropylene as our lids, our poly tank fittings come standard with EPDM Gaskets.

PART	SIZE	DESCRIPTION	STYLE	HOLE SIZE
62834	1/2"	1/2" FPT BULKHEAD (HEAVY DUTY)	A	1-7/16"
10-11880	1/2"	1/2" MPT	-	5/8"
60401	3/4"	3/4" FPT BULKHEAD	A	1-7/16"
62798	3/4"	3/4" FPT BULKHEAD (HEAVY DUTY)	A	1-5/8"
10-11890	3/4"	3/4" MPT	-	7/8"
60427	1"	1" FPT BULKHEAD	A	2-1/4"
60403	1 1/4"	1-1/4" FPT BULKHEAD	A	2-1/4"
63065	1 1/4"	1-1/4" FPT ANTI-VORTEX BULKHEAD	A	2-1/4"
60124	1 1/2"	1-1/2" FPT BULKHEAD	A	3"
60405	2"	2" FPT BULKHEAD	A	3"
63683	2"	2" FPT BULKHEAD (HEAVY DUTY)	B	3-1/4"
62299	3"	3" FPT BULKHEAD ONLY	C	4-1/2"
62171	4"	4" FPT BULKHEAD ONLY	C	5-3/4"
42-38080	4"	4" FPT BULKHEAD	A	5-1/2"
036000	6"	6" PVC BULKHEAD	C	8"



POLYPROPYLENE BULKHEAD FITTINGS PARTS & ACCESSORIES

Gaskets, Siphon Tubes and Anti-Vortex adapters for our polypropylene bulkhead fittings.

PART	DESCRIPTION
60402	EPDM GASKET FOR 1/2" 62834 AND 3/4" 60401 BULKHEAD FITTINGS
60360	VITON GASKET FOR 1/2" 62834 AND 3/4" 60401 BULKHEAD FITTINGS
62799	EPDM GASKET FOR 3/4" 62798 BULKHEAD FITTING
62800	VITON GASKET 3/4" 62798 BULKHEAD FITTING
60404	EPDM GASKET FOR ALL 1" AND 1-1/4" BULKHEAD FITTINGS
60361	VITON GASKET FOR ALL 1" AND 1-1/4" BULKHEAD FITTINGS
60406	EPDM GASKET FOR 1-1/2" 60124 AND 2" 60405 BULKHEAD FITTINGS
60523	VITON GASKET FOR 1-1/2" 60124 AND 2" 60405 BULKHEAD FITTINGS
60336	EPDM GASKET FOR 2" 60337 BULKHEAD FITTING
60008	TYPE B VITON GASKET FOR 2" 60337 BULKHEAD FITTING
60331	EPDM GASKET FOR 3" 60339 / 62299 BULKHEAD FITTING
60351	VITON GASKET FOR 3" 60339 / 62299 BULKHEAD FITTING
62785	EPDM GASKET FOR 4" 62171 BULKHEAD FITTING
62786	VITON GASKET FOR 4" 62171 BULKHEAD FITTING
60335	2" SIPHON TUBE FOR 60405 / 60337 BULKHEAD FITTINGS
60327	3" SIPHON TUBE FOR 60339 / 62299 BULKHEAD FITTINGS
62714	4" SIPHON TUBE FOR 62171 / GTF400 BULKHEAD FITTINGS
62398	ANTI-VORTEX ADAPTER FOR 1-1/4" 60403 BULKHEAD FITTING
62399	ANTI-VORTEX ADAPTER FOR 2" 60405 / 60337 BULKHEAD FITTINGS



Polywest distributes the complete line of Banjo Liquid Handling Products from each of our regional warehouses.

Please refer to the current Banjo Catalogue for pricing and product information, which can be found online at www.polywest.ca.



MANIFOLD/THREAD COMBO POLYPROPYLENE BULKHEAD FITTINGS

- Increased drainage versions use part number designation BD
- Glass reinforced polypropylene
- EPDM gaskets standard
- FKM (viton type) gaskets available
- Gasket and clamp not included



PART	DESCRIPTION
MTF220BD	2 X 2 FULL PORT MANIFOLD THREADED BULKHEAD - INCREASED DRAINAGE
MTF300BD	3 X 3 FULL PORT MANIFOLD THREADED BULKHEAD - INCREASED DRAINAGE
MTF220	2 X 2 FULL PORT MANIFOLD THREADED BULKHEAD
MTF300	3 X 3 FULL PORT MANIFOLD THREADED BULKHEAD

HEAVY DUTY POLYPROPYLENE BULKHEAD FITTINGS

PART	DESCRIPTION	HOLE SIZE
TF050	½" POLY BULKHEAD EPDM TANK FITTING	1-5/8"
TF050V	½" POLY BULKHEAD FKM(VITON TYPE) TANK FITTING	1-5/8"
TF075	¾" POLY BULKHEAD EPDM TANK FITTING	1-5/8"
TF075V	¾" POLY BULKHEAD FKM(VITON TYPE) TANK FITTING	1-5/8"
TF100	1" POLY BULKHEAD EPDM TANK FITTING	2-1/4"
TF100V	1" POLY BULKHEAD FKM(VITON TYPE) TANK FITTING	2-1/4"
TF125	1¼" POLY BULKHEAD EPDM TANK FITTING	2-1/4"
TF125V	1¼" POLY BULKHEAD FKM(VITON TYPE) TANK FITTING	2-1/4"
TF150	1½" POLY BULKHEAD EPDM TANK FITTING	3"
TF150V	1½" POLY BULKHEAD FKM(VITON TYPE) TANK FITTING	3"
TF200	2" POLY BULKHEAD EPDM TANK FITTING	3"
TF200V	2" POLY BULKHEAD FKM(VITON TYPE) TANK FITTING	3"
TF220	2" POLY BULKHEAD EPDM TANK FITTING	3-1/4"
TF220V	2" POLY BULKHEAD FKM(VITON TYPE) TANK FITTING	3-1/4"
TF300	3" POLY BULKHEAD EPDM TANK FITTING	4-1/2"
TF300V	3" POLY BULKHEAD FKM(VITON TYPE) TANK FITTING	4-1/2"
TF400	4" POLY BULKHEAD EPDM TANK FITTING	5-3/4"
TF400V	4" POLY BULKHEAD FKM(VITON TYPE) TANK FITTING	5-3/4"



This is a small selection of tank fittings fabricated by Banjo.

For the complete tank fitting selection, including stainless steel bulkheads, anti-vortex and vent caps, ANSI flanges and other accessories, please refer to the Banjo catalogue, available in print form or online at www.Polywest.ca.



POLY WELDING KIT

This compact kit is designed for occasional but serious repair of poly tanks. Includes welding iron, iron stand, wire brush and 30' of polyethylene welding rod.

PART	DESCRIPTION
60221	WELDING KIT - WELDING IRON, IRON STAND, WIRE BRUSH & 30' OF WELDING ROD
61879	WELDING ROD - 30' OF POLYETHYLENE WELDING ROD - PREPACKAGED
64160	WELDING ROD - 30' BLACK



BOLTED TANK FITTINGS

POLYPROPYLENE BOLTED TANK FITTINGS

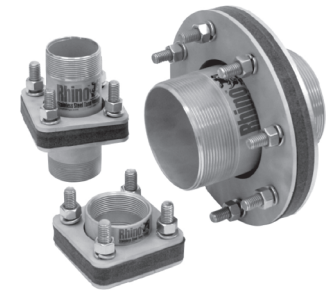
Bolted polypropylene fittings are equipped with 316 stainless steel bolts and come standard with EPDM gaskets. They are available in side wall and bottom mount total drainage options.

PART	SIZE	DESCRIPTION
60502	3/4"	3/4" BOLTED BULKHEAD FITTING WITH EPDM GASKETS
60505	1"	1" BOLTED BULKHEAD FITTING WITH EPDM GASKETS
60513	1-1/2"	1-1/2" BOLTED BULKHEAD FITTING WITH EPDM GASKETS
60516	2"	2" BOLTED BULKHEAD FITTING WITH EPDM GASKETS
62471	3"	3" BOLTED BULKHEAD FITTING WITH EPDM GASKETS
BF220BD	2"	4 BOLT 2" TOTAL DRAINAGE BULKHEAD FITTING - FPT X FPT
MBF220BD	2"	4 BOLT 2" TOTAL DRAINAGE BULKHEAD FITTING - FPT X FLANGE
BF300BD	3"	6 BOLT 3" TOTAL DRAINAGE BULKHEAD FITTING - FPT X FPT
MBF300BD	3"	6 BOLT 3" TOTAL DRAINAGE BULKHEAD FITTING - FPT X FLANGE



STAINLESS STEEL BOLTED TANK FITTINGS & GASKETS

PART	DESCRIPTION
64253	1-1/2" 316 SS BOLTED BULKHEAD FITTING - EPDM GASKET
64202	2" SS BOLTED BULKHEAD - EPDM GASKET
34701590	1" SS BOLTED BULKHEAD - EPDM GASKET
34701586	1/2" SS DOUBLE FLG - BOLTED BULKHEAD - EPDM GASKET



RHINO STAINLESS STEEL BOLTED TANK FITTINGS

Designed and engineered to perform under the harshest conditions, Rhino Stainless Steel Tank Fittings offer the ultimate in sealing power, corrosion resistance and outright brute strength. With features like:

- Constructed entirely from 316 Stainless Steel
- Oversized 1/2" diameter studs
- Lifetime guarantee when installed with supplied anti-seize
- Comes standard with die cut XLPE gasket for maximum leak protection
- All Rhino™ fittings are double threaded (FPT x FPT)

PART	DESCRIPTION
0630-030	2" 4-BOLT STAINLESS STEEL BULKHEAD FITTING - FPT X FPT
0630-040	3" 6-BOLT STAINLESS STEEL BULKHEAD FITTING - FPT X FPT
0630-045	4" 8-BOLT STAINLESS STEEL BULKHEAD FITTING - FPT X FPT



TANK FITTINGS

DO YOU TRANSPORT YOUR OWN WATER?

Do you transport your own water for a cistern or farm application? If so, are you also aware of the new requirements for filling your transport tank at public stations?

These changes in regulation state that an approved air gap (AAG) between the end of the fill pipe outlet and the tank is required when filling at public water stations. This air gap must be at least two times the diameter of the fill pipe, in order to prevent contamination of the public water supply. Failure to comply with this new requirement may result in loss of access to the fill stations and possible **prosecution** under the Water Utility bylaws in your province.

POLYWEST IS HERE TO HELP!

Introducing **The Safe-Fill**, a unique and innovative product designed in house by our expert staff. The Safe-Fill is a patented and proprietary product designed specifically to meet these new requirements. Features include:

- Meets all bylaw requirements
- Easy to install
- Made of durable and rust-proof polyethylene
- No lid to remove means faster fill time

PART	DESCRIPTION
PART #SFL163	SAFE FILL, COMPLETE ASSEMBLY, 3" YELLOW IN COLOR



THE SAFE-FILL





ROTACRAFT

TANK RINSE NOZZLES



TR2
LARGE TANK NOZZLE
FOR TANKS OVER 300 LITRES



C1-T
SMALL TANK NOZZLE
FOR CONTAINERS & TANKS UNDER 500 LITRES

BENEFITS

- Less risk of contamination
- No internal access required for rinsing
- Encourages timely and thorough clean out
- Minimum downtime

RINSING APPLICATIONS

- Sprayer tanks
- Chemical tanks
- Bulk Tankers
- Industrial blenders
- Organic composters
- Storage tanks
- Reusable drums
- Rental tanks
- Service trucks

PVC BALL VALVES

- Shock resistant
- Working temperature range 36° F to 140° F at 150 PSI
- Suitable for schedule 40 and schedule 80 pipe
- EPDM seat, EPDM stem O-ring
- Variety of water supply, waste water, swimming pool, chemical feed and irrigation applications for residential, commercial, industrial, marine and agriculture



PLASTIC KNIFE VALVES

- Buna "N" seals
- ABS or PVC bodies
- Stainless steel shafts
- 4 in, 6 in and 8 in Valves have a stainless steel knife
- 1 1/2 in to 3 in Valves have plastic handles
- Air Actuated and Cable Activated Valves Available.

VALTERRA



PVC & ABS

BENEFITS

- Less risk of contamination
- No internal access required for rinsing
- Encourages timely and thorough clean out
- Minimum downtime

RINSING APPLICATIONS

- Sprayer tanks
- Chemical tanks
- Water bottles
- Industrial blenders
- Organic composters
- Storage tanks
- Reusable drums

PART	DESCRIPTION
PWTR2	ROTACRAFT TANK RINSING NOZZLE ONLY
PWRF15	ROTOFLUSH TANK RINSING NOZZLE ONLY (OLD STYLE)
PWC1-T	ROTACRAFT C1-T CONTAINER RINSING NOZZLE ONLY

PART	TYPE	SIZE	PORT
15-092005	PVC BALL VALVE	1/2"	FULL
15-092007	PVC BALL VALVE	3/4"	FULL
15-092010	PVC BALL VALVE	1"	FULL
15-092012	PVC BALL VALVE	1-1/4"	FULL
15-092015	PVC BALL VALVE	1-1/2"	FULL
15-092020	PVC BALL VALVE	2"	FULL
15-092130	PVC BALL VALVE	3"	FULL
15-092140	PVC BALL VALVE	4"	FULL

PART	TYPE	MAX PSI
44-17107	1 1/2 FPT X FPT VALVE KNIFE ABS (BLACK)	50
44-17101	1 1/2 SLIP X SLIP VALVE KNIFE ABS (BLACK)	50
44-17207	2 FPT X FPT VALVE KNIFE ABS (BLACK)	40
44-17201	2 SLIP X SLIP VALVE KNIFE ABS (BLACK)	40
44-17307	3 FPT X FPT VALVE KNIFE ABS (BLACK)	20
44-17301	3 SLIP X SLIP VALVE KNIFE ABS (BLACK)	20
44-16107	1 1/2 FPT X FPT VALVE KNIFE PVC (WHITE)	50
44-16101	1 1/2 SLIP X SLIP VALVE KNIFE PVC (WHITE)	50
44-16201	2 SLIP X SLIP VALVE KNIFE PVC (WHITE)	40
44-16301	3 SLIP X SLIP VALVE KNIFE PVC (WHITE)	20
44-16401	4 SLIP X SLIP VALVE KNIFE PVC (WHITE)	18
44-16601	6 SLIP X SLIP VALVE KNIFE PVC (WHITE)	18
44-16801	8 SLIP X SLIP VALVE KNIFE PVC (WHITE)	18

TANK FITTINGS

BOLTED BALL VALVES



NORWESCO



BANJO



TYPE	SIZE	PORT	END 1	END 2	NORWESCO	BANJO
4 BOLT CONVENTIONAL BALL VALVE	1/2"	FULL	FPT	FPT	60540	V050
4 BOLT CONVENTIONAL BALL VALVE	3/4"	FULL	FPT	FPT	60541	V075
4 BOLT CONVENTIONAL BALL VALVE	1"	STANDARD	FPT	FPT	60542	V100
4 BOLT CONVENTIONAL BALL VALVE	1"	FULL	FPT	FPT	60543	V100FP
4 BOLT CONVENTIONAL BALL VALVE	1-1/4"	STANDARD	FPT	FPT	61734	V125
4 BOLT CONVENTIONAL BALL VALVE	1-1/4"	FULL	FPT	FPT	60527	V125FP
4 BOLT CONVENTIONAL BALL VALVE	1-1/2"	FULL	FPT	FPT	60526	V150
4 BOLT CONVENTIONAL BALL VALVE	2"	STANDARD	FPT	FPT	60529	V200
4 BOLT CONVENTIONAL BALL VALVE	2"	FULL	FPT	FPT	62287	V204FP
6 BOLT CONVENTIONAL BALL VALVE	2"	FULL	FPT	FPT	60528	V200FP
6 BOLT CONVENTIONAL BALL VALVE	3"	STANDARD	FPT	FPT	-	V300
6 BOLT CONVENTIONAL BALL VALVE	3"	FULL	FPT	FPT	61720	V300FP
6 BOLT CONVENTIONAL BALL VALVE	4"	STANDARD	FPT	FPT	-	V400
8 BOLT CONVENTIONAL BALL VALVE	4"	FULL	FPT	FPT	62787	-



NORWESCO



BANJO

BANJO

This product is also available from Banjo. Please refer to the Banjo catalogue, available in print form or online at www.polywest.ca.

TYPE	SIZE	PORT	END 1	END 2	NORWESCO	BANJO
4 BOLT BALL VALVE	2"	STANDARD	FPT	MPT	62046	VSMT200
4 BOLT BALL VALVE	2"	FULL	FPT	MPT	62286	VSMT204FP
4 BOLT BALL VALVE	2"	FULL	MPT	MALE CAMLOCK	62288	VFMT204FP
4 BOLT BALL VALVE	2"	FULL	FPT	MALE CAMLOCK	62314	VSFT204FP
6 BOLT BALL VALVE	2"	FULL	MPT	FPT	61876	-
6 BOLT BALL VALVE	3"	FULL	MPT	FPT	62047	-

NORWESCO BOLTED BALL VALVE REPLACEMENT PARTS



DESCRIPTION	1/2" FP	3/4" FP	1" SP	1" FP	1 1/4" SP	1 1/4" FP	1 1/2" FP	2" SP	2" FP 4 BOLT	2" FP	3" FP	4" FP	1 1/2" FPNZ	2" SPNZ	2" FPNZ	
A STEM CAP SCREW	61347	61347	61347	61347	61347											
B STEM WASHER	-	-	-	-	-	61350	61350	61350	61350	61351	61351	61351	61350	61350	61350	61351
C BLUE HANDLE	61721	61721	61721	61722	61722	61723	61723	61723	61723	61724	61724	62839	61725	61725	61725	61726
D VITON STEM O-RING	61497	61497	61497	61497	61497	61425	61425	61425	61425	61447	61447	62817	61425	61425	61447	61447
E VALVE STEM	61359	61359	61359	61446	61446	61360	61360	61360	61360	61361	61361	62818	61360	61360	61361	61361
F, L, M BOLT ASSEMBLY	61421	61421	61421	61422	61422	61423	61423	61423	61424	61424	62208	62819	61423	61423	61423	61424
G END FLANGE W/TEFLON SEAT	62051	62052	62053	62054	62055	62056	62057	62059	62316	62060	62065	62820	62057	62059	62060	62060
H MALE END	-	-	-	-	-	-	-	62064	62317	62063	62066	-	-	-	-	-
I LARGE BODY EPDM O-RING	-	-	-	-	-	-	-	-	-	62318	-	-	-	-	-	-
J VALVE SEAT	62077	62077	62077	62076	62076	62075	62075	62075	62074	62074	62073	62821	62075	62075	62074	62074
K VALVE BODY	61378	61378	61378	61379	61379	61380	61380	61380	62319	61381	61382	62822	61380	61380	61381	61381
L VALVE BALL	61383	61383	61383	61384	61384	61385	61385	61385	62315	61386	61387	62823	61385	61385	61386	61386
M VALVE FLANGE & NOZZLE SEAT	61388	61388	61388	61389	61389	61390	61390	61390	62312	61391	61392	62824	61390	61390	61391	61391
N TOP FLANGE & NOZZLE SEAT	-	-	-	-	-	-	-	-	-	-	-	-	62058	62061	62062	62062
O NOZZLE PIPE	-	-	-	-	-	-	-	-	-	-	-	-	61400	61401	61401	61401

STUBBY BOLTED BALL VALVES - UNIQUE PATENTED COMPACT DESIGN



TYPE	SIZE	PORT	END 1	END 2	BANJO
2" STUBBY VALVE	2"	STANDARD	FPT	MALE CAMLOCK	VSF200
2" STUBBY VALVE	2"	STANDARD	FPT	MPT	VSMT200
2" STUBBY VALVE	2"	STANDARD	MPT	MALE CAMLOCK	VSFMT200
2" STUBBY VALVE	2"	STANDARD	HB	MALE CAMLOCK	VSFHB200
2" STUBBY VALVE	2"	FULL	FPT	MPT	VSMT204FP
2" STUBBY VALVE	2"	FULL	FPT	MALE CAMLOCK	VSF204FP
2" STUBBY VALVE	2"	FULL	FPT	FPT	VS204FP
2" STUBBY VALVE	2"	FULL	MPT	MALE CAMLOCK	VSFMT204FP
2" STUBBY VALVE- STEEL HANDLE	2"	FULL	MPT	MALE CAMLOCK	VSFMT204HSFP
3" STUBBY VALVE	3"	STANDARD	FPT	MPT	VSMT300
3" STUBBY VALVE	3"	STANDARD	FPT	MALE CAMLOCK	VSF300
3" STUBBY VALVE	3"	STANDARD	MPT	MALE CAMLOCK	VSFMT300
3" STUBBY VALVE	3"	FULL	MPT	MALE CAMLOCK	VSFMT300FP
3" STUBBY VALVE- STEEL HANDLE	3"	FULL	MPT	MALE CAMLOCK	VSFMT300HSFP
2" STUBBY VALVE- ANSI FLANGE	2"	FULL	ANSI FLANGE	MALE CAMLOCK	VSF200PAF

NOZZLE BALL VALVES



TYPE	SIZE	PORT	END 1	END 2	NORWESCO	BANJO
4 BOLT NOZZLE VALVE	1 1/2"	FULL	FPT	NOZZLE	60544	VA150
4 BOLT NOZZLE VALVE	2"	STANDARD	FPT	NOZZLE	60545	VA200
6 BOLT NOZZLE VALVE	2"	FULL	FPT	NOZZLE	60546	-
6 BOLT NOZZLE VALVE	2"	FULL	FPT	NOZZLE	-	VA200FP

EASY-FILL™ VALVE

ELIMINATES MULTIPLE FITTINGS FOR FILL APPLICATIONS



STREAMLINED COUPLER / HOSE BARB CONNECTIONS

The stubby valve configuration combines a female coupler and hose barb for a connection to a male adapter on a sprayer. The valve eliminates multiple fitting connections reducing cost and leak points. Easy-Fill is a no hassle fill solution.

Available in 2" full port and 3" full port stubby designs to maximize flow and reduce fill time.

PART	DESCRIPTION
VSBHB204FP	2" FP Easy-Fill™ Valve
VSBHB205FP	2" FP Easy-Fill™ Valve with Carry Handle
VSBHB304FP	3" FP Easy-Fill™ Valve
VSBHB305FP	3" FP Easy-Fill™ Valve with Carry Handle
H25053	2" & 3" Carry Handle

ELECTRIC VALVE

EVX ELECTRIC VALVES

Available in 1, 2 and 3", side load and bottom load options
Threaded and manifold flange connections

EVX offers the latest communication protocol options including CAN/ISO BUS, Pulse-Width-Modulation (PWM), and Bluetooth®* wireless technology. Diagnostic options report voltage, temperature, and cycle count to warn of concerns before they become problems.

LED provides valve performance feedback indicating blue for power and yellow for a fuse blown condition. With the optional open / close verify, the LED indicates green and red, respectively. As an additional option, EVX reports temperature, voltage and cycle count.



ELECTRIC VALVES

PART	DESCRIPTION
EVX101	1" Full port Bolted Electric Valve
EVX221	2" EVX Bolted Electric Valve
MEVX101	1" Full port ON/OFF bolted MEVX Electric Valve
MEVX200	2" MEVX ON/OFF Standard port Electric Valve

SINGLE UNION BALL VALVES

NORWESCO



BANJO

TYPE	SIZE	PORT	END 1	END 2	NORWESCO	BANJO
SINGLE UNION BALL VALVE	1/2"	FULL	FPT	FPT	60409	SUV050FP
SINGLE UNION BALL VALVE	3/4"	FULL	FPT	FPT	60410	SUV075FP
SINGLE UNION BALL VALVE	1"	FULL	FPT	FPT	60411	SUV100FP
SINGLE UNION BALL VALVE	1 1/4"	FULL	FPT	FPT	60412	SUV125FP
SINGLE UNION BALL VALVE	1 1/2"	FULL	FPT	FPT	60413	SUV150FP
SINGLE UNION BALL VALVE	2"	FULL	FPT	FPT	60414	SUV200FP
SINGLE UNION BALL VALVE	3"	FULL	FPT	FPT	60415	-

MICRO VALVES



LV038050MTV



LVHB038V



LV038V



LVHB075100MTV

PART	DESCRIPTION	MAX PSI	THREAD SIZE	OPENING THRU BALL
LV025V	1/4" FEMALE NPT MICRO VALVE	300	1/4"	3/8"
LV038V	3/8" FEMALE NPT MICRO VALVE	300	3/8"	3/8"
LV050V	1/2" FEMALE NPT MICRO VALVE	300	1/2"	15/32"
LV050SLV	1/2" SIDE LOAD MICRO VALVE	300	1/2"	1/2"
LV050SLLV	1/2" SIDE LOAD LOCKING MICRO VALVE	300	1/2"	15/32"
LVHB038V	3/8" HOSE BARB MICRO VALVE	300	3/8"	3/8"
LVHB050V	1/2" HOSE BARB MICRO VALVE	300	1/2"	3/8"
LVHB075V	3/4" HOSE BARB MICRO VALVE	300	3/4"	15/32"
LV025MTV	1/4" FEMALE X MALE NPT MICRO VALVE	300	1/4"	3/8"
LV038MTV	3/8" FEMALE X MALE NPT MICRO VALVE	300	3/8"	3/8"
LV038050MTV	3/8" FEMALE X 1/2" MALE NPT MICRO VALVE	300	3/8" x 1/2"	3/8"
LV038050MTLV	3/8" FEMALE X 1/2" MALE NPT LOCKING MICRO VALVE	300	3/8" x 1/2"	3/8"
LV050MTV	1/2" FEMALE X MALE NPT MICRO VALVE	300	1/2"	15/32"
LV050100MTV	1/2" FEMALE X 1" MALE NPT MICRO VALVE	300	1/2"	15/32"
LV050100MTLV	1/2" FEMALE X 1" MALE NPT LOCKING MICRO VALVE	300	1/2" x 1"	15/32"
LVHB038050MTV	3/8" HOSE BARB X 1/2" MALE NPT MICRO VALVE	300	1/2"	3/8"
LVHB075MTV	3/4" HOSE BARB X 3/4" MALE NPT MICRO VALVE	300	3/4"	1/2"
LVHB075100MTV	3/4" HOSE BARB X 1" MALE NPT MICRO VALVE	300	1"	15/32"
LVHB075100MTLV	3/4" HOSE BARB X 1" MALE NPT LOCKING MICRO VALVE	300	1"	15/32"

BANJO IBC POLYPROPYLENE BALL VALVES



- Polypropylene.
- Zinc alloy collar.
- PTFE valve seats.
- FKM (viton type) stem o-rings.
- Handles close in either direction.
- IBC (intermediate bulk container) valves
- Maximum operating pressure 20 P.S.I. @ 70° F.
- FKM (viton type), EPDM, and Santoprene collar gaskets available for most valves.



SPIN WELD TYPE

PART	DESCRIPTION	GASKET	IBC MANUFACTURER	COLLAR NUMBER
WSF223MRV	2" POLY SPINWELD VALVE W/QDC OUTLET	EPDM	MAMOR®	V22283 C & D
WSF210	2" POLY SPINWELD VALVE W/QDC OUTLET	SANTOPRENE	SCHUTZ® ALIGNMENT	V20280 A & B
WSF210FSA	2" POLY SPINWELD VALVE W/QDC OUTLET, FOIL SEAL & CAP	SANTOPRENE	SCHUTZ® ALIGNMENT	V20280 A & B
WSMT210	2" POLY SPINWELD VALVE W/NPT OUTLET	SANTOPRENE	SCHUTZ® ALIGNMENT	V20280 A & B
W230239	2" POLY SPINWELD VALVE W/NPT OUTLET & CAP & FOIL SEAL	EPDM	MAMOR®	V22283 C & D

MANIFOLD VALVES

Features include:

- Stainless steel bolts.
- Glass reinforced polypropylene.
- Multiple design options.
- Unique patented compact design.
- Lightweight.



MSUV100FP



MVSF220FP



MVSF300FP

BANJO	NORWESCO	DESCRIPTION	MAX PSI	PIPE SIZE
MSUV100FP		1" MANIFOLD FULL PORT UNION VALVE	300	1"
MV100CF	63207	1" FLANGE BALL VALVE	300	1"
VSF200CF		2" FLANGE X 2" MALE ADAPTER	100	2"
VSMT200CF		2" FLANGE X 2" MALE NPT	150	2"
MV200CF		2" FLANGE BALL VALVE	225	2"
MVSF220FP		2" FP FLANGE X 2" MALE ADAPTER	150	2"
MVS220FP		2" FP FLANGE X 2" FEMALE NPT	300	2"
MV220CF	63122	2" FULL PORT FLANGE BALL VALVE	300	2"
MVSF300		3" FLANGE X 3" MALE ADAPTER	100	3"
MVSF300FP		3" FULL PORT FLANGE X 3" MALE ADAPTER	100	3"
MV300		3" STANDARD FLANGE BALL VALVE	150	3"
MV300BL		3" FULL PORT MANIFOLD FLANGED VALVE	150	3"
MV300CF	63124	3" FULL PORT FLANGE BALL VALVE	200	3"
MVSMT300		3" FLANGE X 3" MALE NPT	150	3"
MVS300CFPP		3" FULL PORT FLANGE X 3" FULL PORT FLANGE	150	3"



FOR COMPLETE SPECIFICATIONS AND PARTS PLEASE REFER TO
THE BANJO CATALOGUE, AVAILABLE IN PRINT FORM OR ONLINE AT WWW.POLYWEST.CA.

3-WAY BOTTOM LOAD POLY VALVES



PART	DESCRIPTION	MAX PSI	FLANGE SIZE	HANDLE TYPE
MV100BL	1" MANIFOLD FLANGED VALVE	300	1"	T
MV200BL	2" MANIFOLD FLANGED VALVE	225	2"	T
MV220BL	2" FULL PORT MANIFOLD FLANGED VALVE	150	2"	STRAIGHT
MV300BL	3" FULL PORT MANIFOLD FLANGED VALVE	150	3"	STRAIGHT

STAINLESS STEEL BALL VALVES

TYPE	SIZE	PORT	END 1	END 2	NORWESCO	BANJO
STAINLESS STEEL VALVE	1/4"	FULL	FPT	FPT	-	VSS025
STAINLESS STEEL VALVE	3/8"	FULL	FPT	FPT	60480	VSS038
STAINLESS STEEL VALVE	1/2"	FULL	FPT	FPT	60481	VSS050
STAINLESS STEEL VALVE	3/4"	FULL	FPT	FPT	60482	VSS075
STAINLESS STEEL VALVE	1"	FULL	FPT	FPT	60483	VSS100
STAINLESS STEEL VALVE	1 1/2"	FULL	FPT	FPT	60485	VSS150
STAINLESS STEEL VALVE	2"	FULL	FPT	FPT	60487	VSS200
STAINLESS STEEL VALVE	3"	FULL	FPT	FPT	60488	VSS300



THREE WAY BALL VALVES

TYPE	SIZE	PORT	TYPE	NORWESCO	BANJO
3 WAY UNION BALL VALVE	3/4"	FULL	BOTTOM LOAD	60417	-
3 WAY UNION BALL VALVE	2"	FULL	BOTTOM LOAD	60418	-
3 WAY BOLTED BALL VALVE	3/4"	FULL	BOTTOM LOAD	-	V075BL
3 WAY BOLTED BALL VALVE	1"	FULL	BOTTOM LOAD	-	V100BL
3 WAY BOLTED BALL VALVE	1 1/4"	FULL	BOTTOM LOAD	-	V125BL
3 WAY BOLTED BALL VALVE	1 1/2"	FULL	BOTTOM LOAD	-	V150BL
3 WAY BOLTED BALL VALVE	2"	FULL	BOTTOM LOAD	-	V200BL
3 WAY BOLTED BALL VALVE	3/4"	FULL	SIDE LOAD	-	V075SL
3 WAY BOLTED BALL VALVE	1"	FULL	SIDE LOAD	-	V100SL
3 WAY BOLTED BALL VALVE	1 1/4"	FULL	SIDE LOAD	-	V125SL
3 WAY BOLTED BALL VALVE	1 1/2"	FULL	SIDE LOAD	-	V150SL
3 WAY BOLTED BALL VALVE	2"	FULL	SIDE LOAD	-	V200SL

NORWESCO STAINLESS STEEL BALL VALVE REPLACEMENT PARTS

DESCRIPTION	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	3"
REPAIR KIT	62374	62375	62376	62377	62378	62379	62380	62381
HANDLE	62369	62370	62370	62371	62371	62372	62372	62373



NORWESCO 3 WAY BALL VALVE REPLACEMENT PARTS

SIZE	REPAIR KIT (O-RINGS, TEFLON SEATS)	OPTIONAL T-BALL (W/4 OPENINGS)	HANDLES	VALVE STEM W/ EPDM O-RING
3/4"	61733	60429	61735	60452
2"	60435	60428	61736	60456



NORWESCO SINGLE UNION BALL VALVE REPLACEMENT PARTS

SIZE	EPDM REPAIR KIT (O-RINGS, TEFLON SEATS)	VITON REPAIR KIT (O-RINGS, TEFLON SEATS)	HANDLES	VALVE STEM W/ EPDM O-RING
1/2"	60430	60437	60444	6045
3/4"	60431	60438	60445	60452
1"	60432	60439	60446	60453
1-1/4"	60433	60440	60447	60454
1-1/2"	60434	60441	60448	60455
2"	60435	60442	60449	60456
3"	60436	60443	60450	60457



BANJO IBC POLYPROPYLENE ACCESSORIES

PART	DESCRIPTION	GASKET	PSI
TA283	2" BUTTRESS X 2" MALE NPT THREADS W/ GASKET	SANTOPRENE	300
TA283QD	2" BUTTRESS X 2" MALE ADAPTER QDC W/GASKET	SANTOPRENE	150
201FPT	2" FEMALE NPT CAP	NA	20
211FPT	2" FEMALE NPT CAP	NA	NA
V20207	11" POLYURETHANE LANYARD	NA	NA
200CAPSH	2" CAM LEVER DUST CAP W/SHORT ARMS	NA	200
200CAP	2" CAM LEVER DUST CAP (SS)	NA	200
202CAP	2" CAM LEVER DUST CAP (PP)	NA	20



TA283



TA283QD

CAMLOCK (CAM LEVER) COUPLINGS

- Manufactured from rugged glass-reinforced polypropylene, aluminium or stainless steel.
- SS Rings and smooth operating cams on polypropylene models.
- Brass rings and smooth operating cams on aluminium and SS models.
- Standard EPDM gaskets on all couplers.
- 1/2" polypropylene camlocks will interchange with 3/4" camlocks. Only the thread and hose barb are 1/2".
- 1-1/4" polypropylene camlocks will interchange with 1-1/2" camlocks. Only the thread and hose barb are 1-1/4".
- Precision molded to guarantee fit and compatibility with all major manufacturer's couplers.



SIZE	BANJO PP	NORWESCO PP	ALUM	SS
1/2"	75A1/2	61199	-	-
3/4"	75A3/4	61207	075A-AL	075A-SS
1"	100A	61215	100A-AL	100A-SS
1-1/4"	125A	61223	125A-AL	125A-SS
1-1/2"	150A	61231	150A-AL	150A-SS
2"	200A	61239	200A-AL	200A-SS
3"	300A	61247	300A-AL	300A-SS
4"	400A	62789	400A-AL	400A-SS

SIZE	BANJO PP	NORWESCO PP	ALUM	SS
1/2"	75B1/2	61255	-	-
3/4"	75B3/4	61259	075B-AL	075B-SS
1"	100B	61263	100B-AL	100B-SS
1-1/4"	125B	61267	125B-AL	125B-SS
1-1/2"	150B	61271	150B-AL	150B-SS
2"	200B	61275	200B-AL	200B-SS
3"	300B	61279	300B-AL	300B-SS
4"	400B	62790	400B-AL	400B-SS



SIZE	BANJO PP	NORWESCO PP	ALUM	SS
1/2"	050C	61256	-	-
3/4"	075C	61260	075C-AL	075C-SS
1"	100C	61264	100C-AL	100C-SS
1-1/4"	125C	61268	125C-AL	125C-SS
1-1/2"	150C	61272	150C-AL	150C-SS
2"	200C	61276	200C-AL	200C-SS
3"	300C	61280	300C-AL	300C-SS
4"	400C	62791	400C-AL	400C-SS

SIZE	BANJO PP	NORWESCO PP	ALUM	SS
1/2"	050D	61257	-	-
3/4"	075D	61261	075D-AL	075D-SS
1"	100D	61265	100D-AL	100D-SS
1-1/4"	125D	61269	125D-AL	125D-SS
1-1/2"	150D	61273	150D-AL	150D-SS
2"	200D	61277	200D-AL	200D-SS
3"	300D	61281	300D-AL	300D-SS
4"	400D	62792	400D-AL	400D-SS

CAMLOCK (CAM LEVER) COUPLINGS



SIZE	BANJO PP	NORWESCO PP	ALUM	SS
1/2"	050E	61203	-	-
3/4"	075E	61211	075E-AL	075E-SS
1"	100E	61219	100E-AL	100E-SS
1-1/4"	125E	61227	125E-AL	125E-SS
1-1/2"	150E	61235	150E-AL	150E-SS
2"	200E	61243	200E-AL	200E-SS
3"	300E	61251	300E-AL	300E-SS
4"	400E	62793	400E-AL	400E-SS



SIZE	BANJO PP	NORWESCO PP	ALUM	SS
1/2"	050F	61204	-	-
3/4"	075F	61212	075F-AL	075F-SS
1"	100F	61220	100F-AL	100F-SS
1-1/4"	125F	61228	125F-AL	125F-SS
1-1/2"	150F	61236	150F-AL	150F-SS
2"	200F	61244	200F-AL	200F-SS
3"	300F	61252	300F-AL	300F-SS
4"	400F	62794	400F-AL	400F-SS



SIZE	BANJO PP	NORWESCO PP	ALUM	SS
1/2"	075CAP	61258	-	-
3/4"	075CAP	61258	075DC-AL	075DC-SS
1"	100125CAP	61266	100DC-AL	100DC-SS
1-1/4"	100125CAP	61274	125DC-AL	125DC-SS
1-1/2"	150CAP	61274	150DC-AL	150DC-SS
2"	200CAP	61278	200DC-AL	200DC-SS
3"	300CAP	61282	300DC-AL	300DC-SS
4"	400CAP	62795	400DC-AL	400DC-SS



SIZE	BANJO PP	NORWESCO PP	ALUM	SS
1/2"	075PL	61214	-	-
3/4"	075PL	61214	075DP-AL	075DP-SS
1"	100125PL	61222	100DP-AL	100DP-SS
1-1/4"	100125PL	61238	125DP-AL	125DP-SS
1-1/2"	150PL	61238	150DP-AL	150DP-SS
2"	200PL	61246	200DP-AL	200DP-SS
3"	300PL	61254	300DP-AL	300DP-SS
4"	400PL	62796	400DP-AL	400DP-SS

VALVES AND COUPLERS



**FOR COMPLETE SPECIFICATIONS AND PARTS
PLEASE REFER TO THE BANJO CATALOGUE,
AVAILABLE IN PRINT FORM OR ONLINE AT
WWW.POLYWEST.CA.**



POLYPROPYLENE CAMLOCK (CAM LEVER) COUPLINGS

PART	DESCRIPTION	MAX PSI	GASKET
201B	2" FEMALE COUPLER-2" EXTENDED MALE THREAD	200	EPDM
303B	3" FEMALE COUPLER-3" EXTENDED MALE THREAD	200	EPDM
303C	3" FEMALE COUPLER W/3 ARMS-3" HOSE SHANK	200	EPDM
303B200A	3" FEMALE COUPLER W/3 ARMS-2" MALE ADAPTER	200	EPDM
400A	4" MALE ADAPTER-4" FEMALE THREAD	75	N/A
400B	4" FEMALE COUPLER-4" MALE THREAD	150	EPDM
400C	4" FEMALE COUPLER-4" HOSE SHANK	150	EPDM
400D	4" FEMALE COUPLER-4" FEMALE THREAD	100	EPDM
400E	4" MALE ADAPTER-4" HOSE SHANK	50	N/A
400F	4" MALE ADAPTER-4" MALE THREAD	75	N/A
400CAP	4" CAP-MALE ADAPTER (W/2 ARMS)	100	EPDM
400PL	4" PLUG-FEMALE COUPLER	75	N/A



303B200A



SPOOL ADAPTERS

PART	DESCRIPTION	MAX PSI	GASKET
200FF	2" MALE ADAPTER-2" MALE ADAPTER	150	N/A
300F200F	3" MALE ADAPTER-2" MALE ADAPTER	75	N/A
300FF	3" MALE ADAPTER-3" MALE ADAPTER	75	N/A

REPLACEMENT PARTS

PART	DESCRIPTION
100RING	½", ¾", 1" & 1¼" RING
150RING	1½", 2" & 3" RING
150(200)K	1½" & 2" SS CAM ARM W/RING
300K	3" SS CAM ARM W/RING
V20207	11" LANYARD
75G	½" & ¾" EPDM GASKET
75GV	½" & ¾" FKM (VITON TYPE) GASKET
100G	1" & 1¼" EPDM GASKET
100GV	1" & 1¼" FKM (VITON TYPE) GASKET
150G	1½" EPDM GASKET
150GV	1½" FKM (VITON TYPE) GASKET
200G	2" EPDM GASKET
200GV	2" FKM (VITON TYPE) GASKET
300G	3" EPDM GASKET
300GV	3" FKM (VITON TYPE) GASKET
400G	4" EPDM GASKET
400GV	4" FKM (VITON TYPE) GASKET



For complete specifications and parts please refer to the Banjo catalogue, available in print form or online at:

www.Polywest.ca

90 DEGREE CAMLOCK (CAM LEVER) COUPLINGS



SIZE	BANJO PP	NORWESCO PP	ALUMINUM
1-1/2"	150C90	61299	150C-90-AL
2"	200C90	61301	200C-90-AL
3"	-	-	300C-90-AL
4"	-	-	400C-90-AL



SIZE	BANJO PP	NORWESCO PP	ALUMINUM
1-1/2"	150D90	61300	150D-90-AL
2"	200D90	61302	200D-90-AL
3"	-	-	300D-90-AL
4"	-	-	400D-90-AL



SIZE	BANJO PP	NORWESCO PP	ALUMINUM
1-1/2"	150F90	61289	150F-90-AL
2"	200F90	61291	200F-AL

BANJO

For complete specifications and parts please refer to the Banjo catalogue, available in print form or online at www.polywest.ca.

NORWESCO CAMLOCK REPLACEMENT PARTS



SIZE	EPDM GASKET	STAINLESS STEEL KEY RING	STAINLESS STEEL PIN	STAINLESS STEEL CAM ARMS	POLYPROPYLENE SHIMS
1/2"	61570	61589	61582	61594	61715
3/4"	61570	61589	61582	61594	61715
1"	61571	61589	61582	61594	61716
1-1/4"	61572	61589	61585	61595	61717
1-1/2"	61572	61589	61585	61595	61717
2"	61574	61589	61585	61595	61718
3"	61575	61589	61584	61596	61719
4"	62797	61589	61584	61596	-

NIPPLES AND REDUCER NIPPLES

MPT X MPT	LENGTH	SCH 40	NORWESCO SCH 80	BANJO SCH 80	SS	NYLON
1/8 X 1/8	CLOSE	-	-	-	-	40-31548
1/4 X 1/8	CLOSE	-	-	-	-	40-31638
1/4 X 3/8	CLOSE	30-61640P	-	-	-	30-61640
1/4 X 1/4	CLOSE	80150	-	NIP025-SH	81150	30-61550
3/8 X 3/8	CLOSE	80151	62459	NIP038-SH	81151	30-61560
1/2 X 1/4	CLOSE	-	-	-	-	30-61680
1/2 X 3/8	CLOSE	80152	62455	RN050-038	-	30-61650
1/2 X 1/2	CLOSE	80153	62221	NIP050-SH	81153	30-61570
1/2 X 1/2	3"	-	62222	NIP050-3	-	-
3/4 X 3/8	CLOSE	80154	-	-	-	40-31688
3/4 X 1/2	CLOSE	80155	62233	RN075-050	-	30-61690
3/4 X 3/4	CLOSE	80156	60554	NIP075-SH	81156	30-61580
3/4 X 3/4	4"	-	62223	NIP075-4	-	-
3/4 X 3/4	6"	-	62224	NIP075-6	-	-
1 X 1/2	CLOSE	-	62456	RN100-050	-	-
1 X 3/4	CLOSE	-	62234	RN100-075	-	-
1 X 1	CLOSE	80159	60555	NIP100-SH	81159	30-61590
1 X 1	4"	-	62225	NIP100-4	-	-
1 X 1	6"	-	62226	NIP100-6	-	-
1-1/4 X 3/4	CLOSE	-	62457	RN125-075	-	-
1-1/4 X 1	CLOSE	-	62235	RN125-100	-	30-61702
1-1/4 X 1-1/4	CLOSE	80162	60556	NIP125-SH	81162	30-61610
1-1/4 X 1-1/4	4"	-	62227	NIP125-4	-	-
1-1/4 X 1-1/4	6"	-	62228	NIP125-6	-	-
1-1/2 X 1	CLOSE	-	62458	RN150-100	-	-
1-1/2 X 1-1/4	CLOSE	-	62236	RN150-125	-	-
1-1/2 X 1-1/2	CLOSE	80165	60547	NIP150-SH	81165	30-61620
1-1/2 X 1-1/2	4"	-	62229	NIP150-4	-	-
1-1/2 X 1-1/2	6"	-	62230	NIP150-6	-	-
2 X 1-1/4	CLOSE	80166	-	RN200-125	-	-
2 X 1-1/2	CLOSE	-	60549	RN200-150	-	-
2 X 2	CLOSE	-	60548	NIP200-SH	81168	30-61630
2 X 2	4"	-	62192	NIP200-4	-	-
2 X 2	6"	-	62193	NIP200-6	-	-
3 X 2	CLOSE	-	61768	RN300-200	-	-
3 X 3	CLOSE	-	61769	NIP300-SH	81169	-
3 X 3	4"	-	-	NIP300-4	-	-
3 X 3	6"	-	62232	NIP300-6	81169-6	-
4 X 3	CLOSE	-	62938	-	-	-
4 X 4	CLOSE	-	62467	NIP400-SH	81170	-



HOSE BARBS

MPT X HB	SCH 40	NORWESCO SCH 80	BANJO SCH 80	SS	NYLON
1/8 X 1/4	80001	-	-	-	30-60600
1/8 X 3/8	80002	-	-	-	30-60610
1/4 X 1/4	80005	-	HB025	81005	30-60630
1/4 X 3/8	80006	-	HB025-038	-	30-60640
1/4 X 1/2	80007	-	HB025-050	-	30-60650
3/8 X 1/4	80010	-	HB038-025	-	30-60680
3/8 X 3/8	80011	-	HB038	81011	30-60690
3/8 X 1/2	80012	-	-	-	30-60700
3/8 X 3/4	80014	-	-	-	30-60720
1/2 X 1/4	80015	-	HB050-025	-	30-60730
1/2 X 3/8	80016	-	HB050-038	-	30-60740
1/2 X 1/2	80017	61303	HB050	81017	30-60750
1/2 X 5/8	80018	-	-	-	30-60760
1/2 X 3/4	80019	-	HB050-075	-	30-60770
1/2 X 1	80025	-	-	-	30-60780
3/4 X 1/4	80026	-	-	-	30-60790
3/4 X 3/8	80020	-	HB075-038	-	30-60800
3/4 X 1/2	80021	-	HB075-050	-	30-60810
3/4 X 5/8	80022	-	HB075-058	-	30-60820
3/4 X 3/4	80023	61304	HB075	81023	30-60830
3/4 X 1	80024	-	HB075-100	-	30-60840
3/4 X 1-1/4	80027	-	-	-	30-60850
1 X 3/4	80030	-	HB100-075	-	30-60890
1 X 1	80031	61305	HB100	81031	30-60900
1 X 1-1/4	80032	-	HB100-125	-	30-60910
1-1/4 X 3/4	80035	-	HB125-075	-	-
1-1/4 X 1	80036	-	HB125-100	-	30-60920
1-1/4 X 1-1/4	80037	-	HB125	81037	30-60930
1-1/4 X 1-1/2	80038	-	HB125-150	-	30-60940
1-1/2 X 3/4	80039	-	-	-	-
1-1/2 X 1	80047	-	HB150-100	-	-
1-1/2 X 1-1/4	80040	-	HB150-125	-	30-60960
1-1/2 X 1-1/2	80041	61319	HB150	81041	30-60950
1-1/2 X 2	80042	-	HB150-200	-	30-60965
2 X 1-1/2	80043	-	HB200-150	-	30-60971
2 X 2	80044	61861	HB200	81044	30-60970
2-1/2 X 2-1/2	-	-	-	81047	-
3 X 3	-	61321	HB300	81045	-
4 X 4	-	62468	HB400	81046	-



FPT X HB

SCH 40

1/4 X 1/4	80049
3/8 X 1/4	80050
3/8 X 3/8	80051
3/8 X 1/2	80052
1/2 X 1/4	80053
1/2 X 3/8	80054
1/2 X 1/2	80055
1/2 X 3/4	80056
3/4 X 3/8	80057
3/4 X 1/2	80058
3/4 X 3/4	80059



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90 DEGREE HOSE BARBS

MPT X HB	SCH 40	BANJO SCH 80	NYLON
1/4 X 1/4	80060	HB025-90	30-60250
1/4 X 3/8	80061	HB025/038-90	30-60260
1/4 X 1/2	80062	HB025/050-90	30-60270
3/8 X 1/4	80065	-	30-60290
3/8 X 3/8	80066	HB038-90	30-60300
3/8 X 1/2	80067	-	30-60310
1/2 X 1/4	80070	-	40-30325
1/2 X 3/8	80071	HB050/038-90	30-60330
1/2 X 1/2	80072	HB050-90	30-60340
1/2 X 5/8	80073	-	30-60350
1/2 X 3/4	80074	HB050/075-90	30-60360
1/2 X 1	80075	-	-
3/4 X 1/4	80080	-	-
3/4 X 3/8	80081	-	30-60370
3/4 X 1/2	80082	HB075/050-90	30-60380
3/4 X 5/8	80083	-	30-60390
3/4 X 3/4	80084	HB075-90	30-60400
3/4 X 1	80085	HB075/100-90	30-60410
1 X 1/2	80086	-	-
1 X 3/4	80087	HB100/075-90	30-60450
1 X 1	80088	HB100-90	30-60460
1-1/4 X 3/4	80090	-	40-30465
1-1/4 X 1 (SCH80)	62469	HB125/100-90	30-60470
1-1/4 X 1-1/4	80092	HB125-90	30-60480
1-1/4 X 1-1/2	80093	HB125/150-90	-
1-1/2 X 3/4	80094	-	-
1-1/2 X 1	80098	-	-
1-1/2 X 1-1/4	80099	HB150/125-90	-
1-1/2 X 1-1/2	80095	HB150-90	30-60490
2 X 2	80096	HB200-90	30-60500
3 X 3	80097	HB300-90	-

HOSE BARB HB x HB x HB	SCH 40
1/4 x 1/4 x 1/4	80331
3/8 x 3/8 x 3/8	80330
1/2 x 1/2 x 1/2	80332



FPT X HB	SCH 40	BANJO SCH 80	NYLON
1/4 X 1/4	80100	-	40-30971
1/4 X 3/8	80101	-	40-30250
3/8 X 1/4	80102	-	-
3/8 X 3/8	80103	-	-
3/8 X 1/2	80104	-	-
1/2 X 1/2	80115	-	30-60793
1/2 X 5/8	80105	-	-
1/2 X 3/4	80106	-	40-30975
3/4 X 1/2	80107	-	30-60972
3/4 X 5/8	80108	-	-
3/4 X 3/4	80109	-	30-6074

HB X HB	SCH 40	BANJO SCH 80	NYLON
1/4 X 1/4	80130	-	30-60505
3/8 X 3/8	80131	-	30-60507
1/2 X 1/2	80132	-	30-60510
5/8 X 5/8	80133	-	30-60515
3/4 X 3/4	80134	-	30-60520
1 X 1 (SCH80)	80135	HBEL100-90	30-60522
1-1/4 X 1-1/4	80136	-	30-60524
1-1/2 X 1-1/2	80137	-	30-60530
2 X 2	80138	-	30-60540

Many other sizes and styles are available.
Let us help you find the one that
best suits your needs!

Contact your Polywest Account Manager today!

PIPE ELBOWS

MPT X FPT 90	SCH 40	NORWESCO SCH 80	BANJO SCH 80	NYLON	STAINLESS STEEL
1/4 x 1/4	80110	-	SL025-90	-	81110
3/8 x 3/8	-	62460	SL038-90	30-61829	81111
1/2 x 1/2	80112	62243	SL050-90	30-61830	81112
3/4 x 3/4	80113	62244	SL075-90	30-61840	81113
1 x 1	-	62245	SL100-90	30-61850	81114
1-1/4 x 1-1/4	-	62246	SL125-90	30-61860	81115
1-1/2 x 1-1/2	80116	62247	SL150-90	30-61870	81116
2 x 2	80117	62199	SL200-90	30-61880	81117
3 x 3	-	62248	SL300-90	-	81118



FPT X FPT 90	SCH 40	NORWESCO SCH 80	BANJO SCH 80	NYLON
1/4 x 1/4	80139	-	EL025-90	-
3/8 x 3/8	-	62465	EL038-90	-
1/2 x 1/2	80140	62215	EL050-90	30-61430
3/4 x 3/4	-	62216	EL075-90	30-61440
1 x 1	-	62217	EL100-90	30-61450
1-1/4 x 1-1/4	-	62218	EL125-90	30-61460
1-1/2 x 1-1/2	-	62219	EL150-90	30-61470
2 x 2	-	62191	EL200-90	30-61480
3 x 3	-	62220	EL300-90	-



MPT X FPT 45	NORWESCO SCH 80	BANJO SCH 80
1/4 x 1/4	80120	-
1/2 x 1/2	80127	-
3/4 x 3/4	62907	SL075-45
1 x 1	62908	SL100-45
1-1/4 x 1-1/4	62909	SL125-45
1-1/2 x 1-1/2	62910	SL150-45
2 x 2	62911	SL200-45
3 x 3	80125	SL300-45

HOSE MENDERS

HB X HB	SCH 40	BANJO SCH 80	NYLON
1/4 x 1/4	80230	-	30-61010
3/8 x 3/8	80231	HM038	30-61020
1/2 x 3/8	80229	-	30-60980
1/2 x 1/2	80232	HM050	30-61030
5/8 x 5/8	80233	-	30-61040
3/4 x 3/4	80234	HM075	30-61050
1 x 1	80235	HM100	30-61060
1-1/4 x 1-1/4	80236	HM125	30-61065
1-1/2 x 1-1/2	80237	HM150	30-61070
2 x 2	-	HM200	30-61075
3 x 3	80239	HM300	-



Many other sizes and styles are available.
Let us help you find the one that
best suits your needs!

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REDUCER BUSHINGS



FPT X MPT	SCH 40	NORWESCO SCH 80	BANJO SCH 80	SS	NYLON
3/8 X 1/4	80180	62466	RB038-025	81180	30-61720
1/2 X 1/4	80181	62267	RB050-025	81181	30-61730
1/2 X 3/8	80182	62268	RB050-038	81182	30-61740
3/4 X 1/8	-	62269	-	-	30-61745
3/4 X 1/4	80183	62270	RB075-025	-	30-61750
3/4 X 3/8	80184	62271	RB075-038	81184	30-61755
3/4 X 1/2	80185	62272	RB075-050	81185	30-61760
1 X 1/8	-	62273	RB100-018	-	-
1 X 1/4	-	62274	RB100-025	-	-
1 X 1/2	80186	62275	RB100-050	81186	30-61765
1 X 3/4	80187	62276	RB100-075	81187	30-61770
1-1/4 X 1/2	80188	-	-	-	40-31775
1-1/4 X 3/4	80189	62277	RB125-075	81189	30-61780
1-1/4 X 1	80190	62278	RB125-100	81190	30-61790
1-1/2 X 3/4	80191	62279	RB150-075	-	30-61792
1-1/2 X 1	80192	62280	RB150-100	81192	30-61795
1-1/2 X 1-1/4	80193	62281	RB150-125	81193	30-61800
2 X 3/4	-	62195	RB200-075	-	40-31803
2 X 1	-	62196	RB200-100	81195	30-61805
2 X 1-1/4	80196	62197	RB200-125	81196	30-61807
2 X 1-1/2	80197	62198	RB200-150	81197	30-61810
2-1/2 X 2	-	-	-	81198	-
3 X 1-1/2	-	62282	RB300-150	-	-
3 X 2	-	60330	RB300-200	81199	30-61820
4 X 2	-	-	-	81175	-
4 X 3	-	-	RB400-300	81176	-

FPT TEES



FPT X FPT X FPT	SCH 40	NORWESCO SCH 80	BANJO SCH 80	SS	NYLON
1/4	80270	-	TEE025	81270	40-31255
3/8	80271	62464	TEE038	81271	-
1/2	80272	62209	TEE050	81272	30-61260
3/4	80273	62210	TEE075	81273	30-61270
1	-	62211	TEE100	81274	30-61280
1-1/4	-	62212	TEE125	81275	30-61290
1-1/2	-	62213	TEE150	81276	30-61300
2	-	62190	TEE200	81277	30-61310
2-1/2	-	-	-	81280	-
3	-	62214	TEE300	81278	-
4	-	-	-	81279	-

CPLG150



RC300-200



FPT COUPLING

FPT X FPT	SCH 40	NORWESCO SCH 80	BANJO SCH 80	SS	NYLON
1/4 x 1/4	80201	-	CPLG025	81201	40-31482
3/8 x 3/8	80202	62461	CPLG038	81202	40-31486
3/8 x 1/4	80203	-	-	-	-
1/2 x 1/2	80204	62237	CPLG050	81204	30-61490
1/2 x 3/8	80205	-	-	-	40-31488
3/4 x 3/8	80206	-	-	-	-
3/4 x 1/2	80207	-	-	-	40-31496
3/4 x 3/4	80208	62238	CPLG075	81208	30-61500
1 x 3/4	-	80209	RC100-075	-	-
1 x 1	80210	62239	CPLG100	81210	30-61510
1-1/4 x 1-1/4	80211	62240	CPLG125	81211	30-61520
1-1/2 x 1	-	-	RC150-100	-	-
1-1/2 x 1-1/4	-	-	RC150-125	-	-
1-1/2 x 1-1/2	80214	62241	CPLG150	81214	30-61530
2 x 1	-	-	RC200-100	-	-
2 x 1-1/4	-	-	RC200-125	-	-
2 x 1-1/2	-	-	RC200-150	-	-
2 x 2	80218	62194	CPLG200	81218	30-61540
3 x 2	-	-	RC300-200	-	-
3 x 3	-	62242	CPLG300	81220	-
4 x 4	-	-	-	81219	-



GAUGE PORT TEES

FPT TEE	SCH 40	NYLON
1/2 X 1/4	80257	40-31325
3/4 X 1/8	80251	-
3/4 X 1/4	80252	40-31340
1 X 1/4	80253	40-31365
1-1/4 X 1/4	80254	-
1-1/2 X 1/4	80255	-
2 X 1/4	80256	-



This product is also available from Banjo. Please refer to the Banjo catalogue, available in print form or online at www.polywest.ca.

HOSE BARB TEES



This product is also available from Banjo. Please refer to the Banjo catalogue, available in print form or online at www.polywest.ca.

HB X HB X HB	SCH 40	BANJO SCH 80	NYLON	MPT X HB X HB	SCH 40
1/4 x 1/4 x 1/4	80240	HBT025	30-61080	1/4 x 1/4 x 1/4	80260
3/8 x 3/8 x 3/8	80241	HBT038	30-61090	1/4 x 3/8 x 3/8	80261
1/2 x 1/2 x 1/2	80243	HBT050	30-61110	1/4 x 1/2 x 1/2	80262
5/8 x 5/8 x 5/8	80244	-	30-61120	3/8 x 3/8 x 3/8	80263
3/4 x 1/2 x 1/2	80245	-	30-61130	3/8 x 1/2 x 1/2	80264
3/4 x 3/4 x 3/4	80246	HBT075	30-61140	1/2 x 3/8 x 3/8	80265
1 x 1 x 1	80247	HBT100	30-61150	1/2 x 1/2 x 1/2	80266
1-1/4 x 1-1/4 x 1-1/4	80248	HBT125	30-61160	1/2 x 3/4 x 3/4	80267
1-1/2 x 1-1/2 x 1-1/2	80249	HBT150	30-61170	3/4 x 1/2 x 1/2	80268
2 x 2 x 2	80250	HBT200	30-61180	3/4 x 3/4 x 3/4	80269
3 x 3 x 3	-	HBT300	-		

FPT CAPS

FPT	PP SCH 40	NORWESCO SCH 80	BANJO SCH 80
1/4	80430	-	CAP025
3/8	80431	-	CAP038
1/2	80432	-	CAP050
3/4	-	62250	CAP075
1	-	62251	CAP100
1-1/4	-	62463	CAP125
1-1/2	-	62253	CAP150
2	-	62200	CAP200
3	-	62254	CAP300



FPT CROSSES

FPT	NORWESCO SCH 80	BANJO SCH 80	SS
1/4	-	CR025	81337
3/8	-	CR038	81338
1/2	-	CR050	81339
3/4	62262	CR075	81340
1	62263	CR100	81341
1-1/4	62264	CR125	81342
1-1/2	62265	CR150	81343
2	62202	CR200	81344
2-1/2	-	-	81347
3	-	-	81345
4	-	-	81346

MPT PLUGS

MPT	PP SCH 40	NORWESCO SCH 80	BANJO SCH 80	SS	NYLON
1/4	80281	-	PLUG025	81281	30-61200
3/8	80282	-	PLUG038	81282	30-61210
1/2	80283	62255	PLUG050	81283	30-61220
3/4	80284	62256	PLUG075	81284	30-61230
3/4 (Sq. Hd.)	80285	-	-	-	-
1	80286	62257	PLUG100	81286	30-61240
1-1/4	80287	62258	PLUG125	81287	30-61250
1-1/2	80288	62259	PLUG150	81288	40-31252
2	60021	62201	PLUG200	81289	40-31254
3	-	62260	PLUG300	81290	-
4	-	-	-	81285	-



THREAD SEALANTS

PART	DESCRIPTION	SIZE
79015 RECTORSEAL TRU-BLU	FAST DRYING FLEXIBLE TEFLON BASE. GREAT FOR HIGH VIBRATION AREAS.	1/2 PINT (WITH BRUSH)
79016 RECTORSEAL NO. 21 - BLACKJACK	BLACK MULTIPURPOSE THREAD SEALANT.	1/2 PINT (WITH BRUSH)
79017 RECTORSEAL TRU-BLU	FAST DRYING FLEXIBLE TEFLON BASE. GREAT FOR HIGH VIBRATION AREAS.	1-3/4 OZ. TUBE
79018 RECTORSEAL NO.7	SOFT SETTING & SLOW DRYING. SUITABLE FOR USE ON IRON, STEEL, STAINLESS STEEL, BRASS, FITTINGS	1 PINT (WITH BRUSH)
79019 RECTORSEAL TRU-BLU	FAST DRYING FLEXIBLE TEFLON BASE. GREAT FOR HIGH VIBRATION AREAS.	1/4 PINT (WITH BRUSH)
79020 RECTORSEAL TRU-BLU	FAST DRYING FLEXIBLE TEFLON BASE. GREAT FOR HIGH VIBRATION AREAS.	1 PINT (WITH BRUSH)

ANSI FLANGE KITS

Our ANSI Flange Kits come complete with mounting hardware, fittings and an EPDM gasket to convert any Class 150 ANSI Flange to 2" or 3" stainless steel MPT.

They are ideal for use with our fiberglass liquid storage tanks. Also available in stainless steel.

TYPE	SIZE	THREADED	BLIND	GASKET (EPDM)	GASKET (VITON)
CLASS 150	1	AF100	-	AF100G	AF100GV
CLASS 150	1-1/2	AF150	-	AF150G	AF150GV
CLASS 150	2	AF200	AFB200	AF200G	AF200GV
CLASS 150	3	AF300	AFB300	AF300G	AF300GV

PART	DESCRIPTION
DT-ANSI4X2	STAINLESS STEEL ANSI FLANGE KIT - 4" TO 2"
DT-ANSI4X3	STAINLESS STEEL ANSI FLANGE KIT - 4" TO 3"



POLYPROPYLENE GARDEN HOSE COUPLINGS

- Standard 3/4" opening diameter.
- Never have to use pliers to tighten to prevent leaks.
- Quick and simple way to connect and disconnect your garden hose.
- Easily connects hose to spigot, nozzle or other hose end accessories.
- Made of yellow fiberglass reinforced polypropylene- durable/rustproof

PART	DESCRIPTION
GHFT075A	3/4" ADAPTER X 3/4" GARDEN HOSE FEMALE THREAD
GHMT075B	3/4" COUPLER X 3/4" GARDEN HOSE MALE THREAD
GHFT075D	3/4" COUPLER X 3/4" GARDEN HOSE FEMALE THREAD
GHMT075F	3/4" ADAPTER X 3/4" GARDEN HOSE MALE THREAD
GHMT075FPT	3/4" MGHT 3/4" FEMALE NPT GARDEN FITTING POLY
GHFT075MPT	3/4" MGHT 3/4" MALE NPT GARDEN FITTING POLY
GHFT075G	3/4" GARDEN HOSE GASKET



HEAVY DUTY GARDEN HOSE SPRAY NOZZLE

- Ideal for all your spraying needs.
- Resists dents, mars and scratches.
- Stainless steel spray cap for precise spray patterns.
- Protects any surface that comes in contact with nozzle.
- Aluminum hose connection provides a tight fit, will not rust.
- Comfort-grip soft rubber provides a comfortable gripping texture.
- Heavy-duty machined aluminum construction stands up to hard use.
- Multiple spray pattern adjusts from a powerful jet stream to a gentle fan spray.

PART	DESCRIPTION
GHN075	3/4" GARDEN HOSE SPRAY NOZZLE



GARDEN HOSE FITTINGS

NO.	PART	SCH 40	NYLON
MGHT X MPT			

1	3/4 X 3/8	80350	-
1	3/4 X 1/2	80351	30-62090
1	3/4 X 3/4	80352	30-62100

MGHT X FPT			
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2	3/4 X 1/4	80355	-
2	3/4 X 1/2	80356	30-61890
2	3/4 X 3/4	80357	30-61900

MGHT X FGHT			
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3	3/4 X 3/4	80360	30-62070
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FGHT X FPT			
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4	3/4 X 1/2	80361	30-62080
4	3/4 X 3/4	80362	-

FGHT X FGHT			
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5	3/4 X 3/4	80363	-
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MPT X FGHT			
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6	3/4 X 3/4	80364	30-61910
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90 DEGREE MGHT X HB			
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7	3/4 X 1/4 HB	80375	-
7	3/4 X 3/8 HB	80376	-
7	3/4 X 1/2 HB	80377	-
7	3/4 X 3/4 HB	80378	-



NO.	PART	SCH 40	NYLON
GARDEN HOSE SWIVEL NUT			

8	3/4 NUT	80295	30-62030
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INSERTS (USE WITH SWIVEL NUT)			
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9	1/4	80296	30-60550
9	3/8	80297	30-60560
9	1/2	80298	30-60570
9	5/8	80299	30-60580
9	3/4	80300	30-60590
9	1/2 MPT	80301	-

GARDEN HOSE FILTERS			
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10	FILTER	80303	-
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HOSE BARBS (MGHT X HB)			
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11	3/4 X 3/8 HB	80365	30-61930
11	3/4 X 1/2 HB	80366	30-61940
11	3/4 X 5/8 HB	80367	30-61950
11	3/4 X 3/4 HB	80368	30-60960

TEES (MGHT X HB)			
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12	3/4 X 3/8 HB	80380	-
12	3/4 X 1/2 HB	80381	-
12	3/4 X 3/4 HB	80382	-

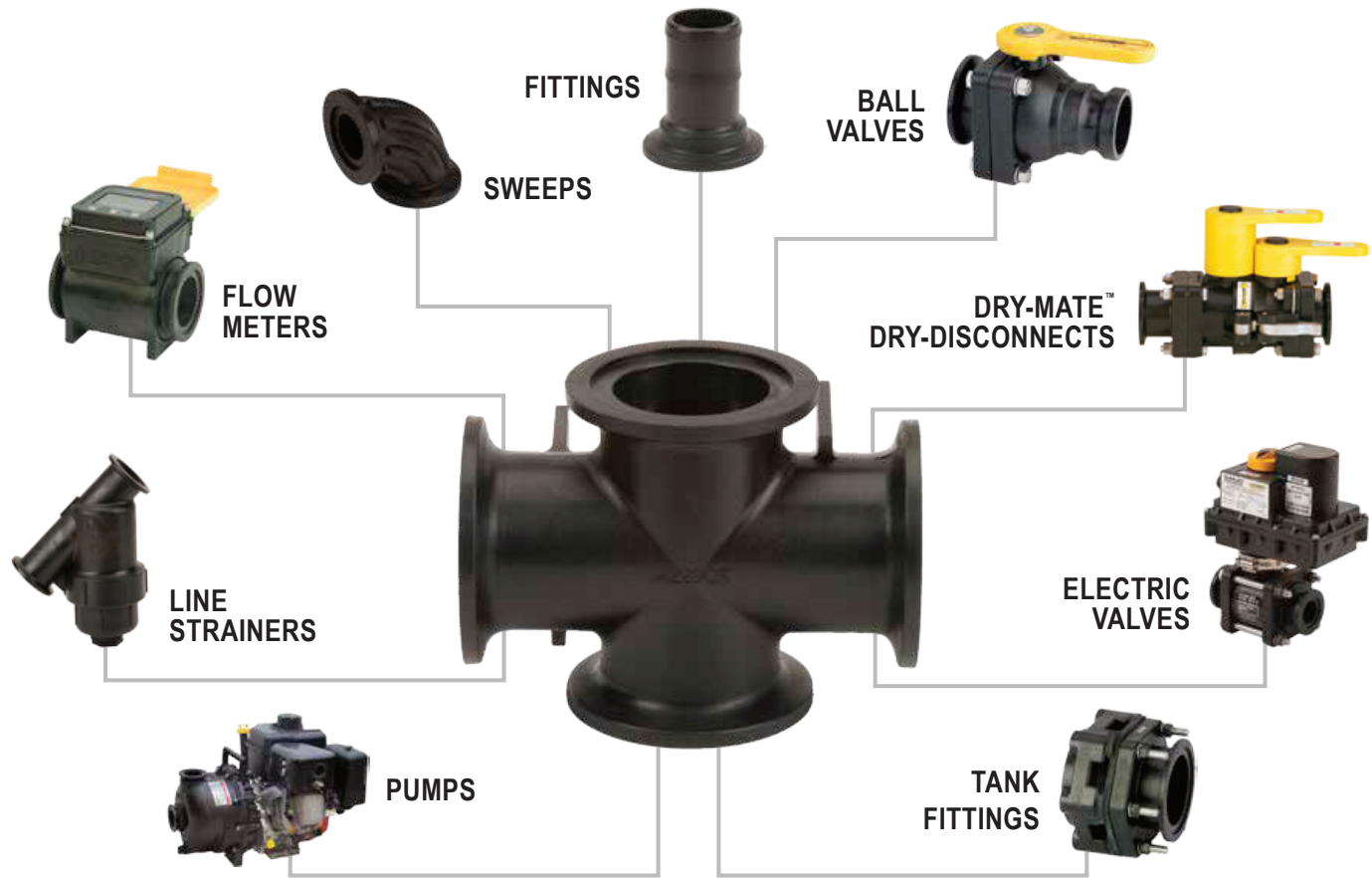
GARDEN HOSE WYE			
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-	1/2	80370	-
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MANIFOLD FLANGE CONNECTIONS SAVE YOU TIME AND MONEY WHILE AVOIDING THE INSTALLATION HEADACHES OF THREADED PIPE

FLANGE CONNECTIONS FOR EVERY PRODUCT



NO THREADS. NO SWEAT.



GET RIGHT TO THE SOURCE

With Banjo manifold flange connections, the days of spending hours unhooking entire systems of valves and fittings are over. You can directly isolate and replace the problematic part or replumb sections without disassembling the whole system.



SKIP THE TAPE AND SEALANT

Flange connections utilize clamps instead of threads, facilitating quick and easy assembly and disassembly while ensuring a leak-proof system. Threaded pipe needs tape or sealant, and the slightest imperfection in the pipe or seal can cause a leak. With properly installed flange connections, you won't worry about connection leaks or wait for sealant to cure.



SAVE TIME. SAVE MONEY.

Time spent unthreading systems and repairing leaks from faulty connections is unproductive and ultimately hits your pocketbook. Banjo's manifold flange systems get you back in the field and out of the shop in no time.

MANIFOLD FLANGE CONNECTION ASSEMBLY

Clamps and gaskets make a quick, easy and secure seal.

C O N N E C T W I T H C O N F I D E N C E

BANJO MANIFOLD FITTINGS

PART	DESCRIPTION
FLANGED COUPLINGS	
M100CPG	1" X 1" FLANGE
M200CPG	2" X 2" FLANGE
M220CPG	2" X 2" FULL PORT FLANGE
M220CPG6	2" X 2" FULL PORT FLANGE X 6" LONG
M300CPG	3" X 3" FULL PORT FLANGE X 4" LONG
M300CPG7	3" X 3" FULL PORT FLANGE X 7" LONG

PART	DESCRIPTION
90° FLANGED COUPLINGS	
M100CPG90	1" X 1" 90° FLANGE
M200CPG90	2" X 2" 90° FLANGE
M200CPG90SH	2" X 2" 90° FLANGE
M220CPG90	2" X 2" 90° FULL PORT FLANGE
M300CPG90	3" X 3" 90° FULL PORT FLANGE

PART	DESCRIPTION
45° FLANGED COUPLINGS	
M100CPG45	1" X 1" 45° FLANGE
M200CPG45	2" X 2" 45° FLANGE
M220CPG45	2" X 2" 45° FULL PORT FLANGE
M300CPG45	3" X 3" 45° FULL PORT FLANGE

PART	DESCRIPTION
FLANGED REDUCER COUPLINGS	
M200100CPG	2" PORT X 1" REDUCER FLANGE
M220100CPG	2" FULL PORT X 1" REDUCER FLANGE
M220200CPG	2" FULL PORT X 2" REDUCER FLANGE
M300200CPG	3" X 2" PORT REDUCER FLANGE
M300220CPG	3" X 2" FULL PORT REDUCER FLANGE

PART	DESCRIPTION
FLANGED TEE	
M100TEE	1" FLANGED TEE
M101TEE	1" FLANGED TEE - LONG
M200100TEE	2" PORT X 1" FLANGED TEE
M200TEE	2" PORT FLANGED TEE
M200100TEEB	2" X 1" PORT FLANGED TEE W/MOUNTING BRACKET
M220100TEE	2" FULL PORT FLANGED TEE X 1" FLANGED TEE
M220200TEE	2" FULL PORT FLANGED TEE X 2" FLANGED TEE
M220TEE	2" FULL PORT FLANGED TEE
M300TEE	3" FLANGED TEE

PART	DESCRIPTION
45° Y FLANGED COUPLINGS (*GAUGE NOT INCLUDED)	
M220Y45	2" FULL PORT 45° Y FLANGE
M220YG45	2" FULL PORT 45° Y FLANGE W/ 3/4" GAUGE PORT*
M300Y45	3" FULL PORT 45° Y FLANGE
M300YG45	3" FULL PORT 45° Y FLANGE W/ 3/4" GAUGE PORT*

PART	DESCRIPTION
FLANGE X MALE BSP (BRITISH STANDARD PIPE THREAD)	
M100BSP	1" MANIFOLD FLANGE X 1" MALE BSP
M300BSP	3" FULL PORT MANIFOLD FLANGE X 3" MALE BSP

PART	DESCRIPTION
FLANGE X FEMALE NPT THREAD	
M100050FPT	1" FLANGE X 1/2" PIPE THREAD
M100075FPT	1" FLANGE X 3/4" PIPE THREAD
M100FPT	1" FLANGE X 1" PIPE THREAD
M200FPT	2" FLANGE X 2" PIPE THREAD
M220FPT	2" FULL PORT FLANGE X 2" PIPE THREAD
M300FPT	3" FLANGE X 3" PIPE THREAD

PART	DESCRIPTION
FLANGE X MALE NPT THREAD	
M100075MPT	1" FLANGE X 3/4" MALE THREAD
M100MPT	1" FLANGE X 1" MALE THREAD
M100125MPT	1" FLANGE X 1 1/4" MALE THREAD
M200125MPT	2" FLANGE X 1 1/4" MALE THREAD
M200150MPT	2" FLANGE X 1 1/2" MALE THREAD
M200MPT	2" FLANGE X 2" MALE THREAD
M220MPT	2" FULL PORT FLANGE X 2" MALE THREAD
M300MPT	3" FLANGE X 3" MALE THREAD

PART	DESCRIPTION
FLANGE X FEMALE CAMLOCK	
M220D	2" FULL PORT FLANGE X 2" FEMALE COUPLER
M303D	3" FLANGE X 3" FEMALE COUPLER

PART	DESCRIPTION
FLANGE X MALE CAMLOCK	
M100A	1" FLANGE X 1" MALE ADAPTER
M200A	2" FLANGE X 2" MALE ADAPTER
M220A	2" FULL PORT FLANGE X 2" MALE ADAPTER
M300A	3" FULL PORT FLANGE X 3" MALE ADAPTER
M300400A	3" FLANGE X 4" MALE COUPLER



BANJO MANIFOLD FITTINGS

PART	DESCRIPTION
FLANGE PLUGS (SOLID & W/GAUGE PORT)	
M100PLG	1" FLANGE PLUG
M200PLG	2" FLANGE PLUG
M220PLG	2" FULL PORT FLANGE PLUG
M300PLG	3" FLANGE PLUG
M100PLG025	1" FLANGE PLUG WITH 1/4" FPT
M200PLG025	2" FLANGE PLUG WITH 1/4" FPT
M200PLG038	2" FLANGE PLUG WITH 3/8" FPT
M200PLG050	2" FLANGE PLUG WITH 1/2" FPT
M200PLG075	2" FLANGE PLUG WITH 3/4" FPT
M200PLG100	2" FLANGE PLUG WITH 1" FPT
M220PLG075	2" FULL PORT FLANGE PLUG WITH 3/4" FPT
M300PLG075	3" FLANGE PLUG WITH 3/4" FPT
M300PLG100	3" FLANGE PLUG WITH 1" FPT

PART	DESCRIPTION
FLANGE X HOSE BARB	
M100075BRB	1" FLANGE X 3/4" HOSE BARB
M100BRB	1" FLANGE X 1" HOSE BARB
M100125BRB	1" FLANGE X 1 1/4" HOSE BARB
M200100BRB	2" FLANGE X 1" HOSE BARB
M200125BRB	2" FLANGE X 1 1/4" HOSE BARB
M200150BRB	2" FLANGE X 1 1/2" HOSE BARB
M200BRB	2" FLANGE X 2" HOSE BARB
M220100BRB	2" FULL PORT FLANGE X 1" HOSE BARB
M220125BRB	2" FULL PORT FLANGE X 1 1/4" HOSE BARB
M220150BRB	2" FULL PORT FLANGE X 1 1/2" HOSE BARB
M220BRB	2" FULL PORT FLANGE X 2" HOSE BARB
M300220BRB	3" FLANGE X 2" HOSE BARB
M300BRB	3" FLANGE X 3" HOSE BARB
M300400BRB	3" FLANGE X 4" HOSE BARB



PART	DESCRIPTION
FLANGE X 90° HOSE BARB ELBOW	
M100075BRB90	1" FLANGE X 3/4" 90° HOSE BARB ELBOW
M100BRB90	1" FLANGE X 1" 90° HOSE BARB ELBOW
M100125BRB90	1" FLANGE X 1 1/4" 90° HOSE BARB ELBOW
M100150BRB90	1" FLANGE X 1 1/2" 90° HOSE BARB ELBOW
M200100BRB90	2" FLANGE X 1" 90° HOSE BARB ELBOW
M200125BRB90	2" FLANGE X 1 1/4" 90° HOSE BARB ELBOW
M200150BRB90	2" FLANGE X 1 1/2" 90° HOSE BARB ELBOW
M200BRB90	2" FLANGE X 2" 90° HOSE BARB ELBOW
M220150BRB90	2" FULL PORT FLANGE X 1 1/2" 90° HOSE BARB ELBOW
M220BRB90	2" FULL PORT FLANGE X 2" 90° HOSE BARB ELBOW
M300220BRB90	3" FLANGE X 2" 90° HOSE BARB ELBOW
M300BRB90	3" FLANGE X 3" 90° HOSE BARB ELBOW

PART	DESCRIPTION
FLANGE X HOSE BARB TEE	
M100100HBT	1" FLANGE X 1" HOSE BARB TEE
M220200HBT	2" FULL PORT FLANGE X 2" HOSE BARB TEE
M300300HBT	3" FLANGE X 3" HOSE BARB TEE

PART	DESCRIPTION
FLANGE X MALE NPT THREAD - 316 SS	
M100MPTSS	1" FLANGE X 1" MALE THREAD
M200125MPTSS	2" FLANGE X 1 1/4" MALE THREAD
M200150MPTSS	2" FLANGE X 1 1/2" MALE THREAD
M200MPTSS	2" FLANGE X 2" MALE THREAD
M220150MPTSS	2" FULL PORT FLANGE X 1 1/2" MALE THREAD
M220MPTSS	2" FULL PORT FLANGE X 2" MALE THREAD
M300220MPTSS	3" FLANGE X 2" FULL PORT MALE THREAD
M300MPTSS	3" FLANGE X 3" MALE THREAD

PART	DESCRIPTION
FLANGE X 45° HOSE BARB ELBOW	
M100BRB45	1" FLANGE X 1" 45° HOSE BARB ELBOW
M200150BRB45	2" FLANGE X 1 1/2" 45° HOSE BARB ELBOW
M200BRB45	2" FLANGE X 2" 45° HOSE BARB ELBOW
M220BRB45	2" FULL PORT FLANGE X 2" 45° HOSE BARB ELBOW
M300BRB45	3" FLANGE X 3" 45° HOSE BARB ELBOW

This is just a small selection of manifold fittings fabricated by Banjo.

For the complete manifold selection, including valves, strainers, electric valves and other accessories, please refer to the Banjo catalog, available in print form or online at www.polywest.ca.





BANJO MANIFOLD FITTINGS

PART	DESCRIPTION
FLANGED CROSS	
M100CR	1" FLANGED CROSS
M200CR	2" FLANGED CROSS
M220CR	2" FULL PORT FLANGED CROSS
M300CR	3" FLANGED CROSS



PART	DESCRIPTION
FLANGE CLAMPS	
FC100	100 SERIES WORM SCREW CLAMP
FC200	200 SERIES WORM SCREW CLAMP
FC220	220 SERIES WORM SCREW CLAMP
FC300	300 SERIES WORM SCREW CLAMP



PART	DESCRIPTION
FLANGE GASKETS	
M100G	1" EPDM MANIFOLD GASKET
M101G*	1" EPDM MANIFOLD GASKET WITH RIB
M100GV	100 SERIES FKM (VITON TYPE) GASKET WITH RIB
150G	1½" EPDM GASKET
150GV	200 SERIES FKM (VITON TYPE) GASKET
200G	220 SERIES FULL PORT EPDM GASKET
200GV	220 SERIES FULL PORT FKM (VITON TYPE) GASKET
M201G*	2" EPDM MANIFOLD GASKET WITH RIB
M221G*	2" FULL PORT EPDM MANIFOLD GASKET WITH RIB
300G	3" EPDM GASKET
300GV	300 SERIES FKM (VITON TYPE) GASKET
M301G*	3" EPDM MANIFOLD GASKET WITH RIB



PART	DESCRIPTION
BOOM NOZZLE ADAPTERS	
M100PA	1" FLANGED PIPE ADAPTER
M100PAC	1" FLANGED PIPE ADAPTER CAP
M100PAT	1" FLANGED PIPE ADAPTER TEE



PART	DESCRIPTION
MANIFOLD SWIVEL	
MSW220	2" FULL PORT MANIFOLD FLANGE SWIVEL



PART	DESCRIPTION
FLANGED POLY CHECK VALVES	
MCV100	1" FLANGED POLY CHECK VALVE
MCV200	2" FLANGED POLY CHECK VALVE
MCV220	2" FULL PORT FLANGED POLY CHECK VALVE



PART	DESCRIPTION
FLANGE X PVC GLUE SOCKET FITTING	
M101GSA	1" MANIFOLD FLANGE X 1" PVC GLUE SOCKET
M221GSA	2" MANIFOLD FP FLANGE X 2" PVC GLUE SOCKET
M301GSA	3" MANIFOLD FLANGE X 3" PVC GLUE SOCKET



PART	DESCRIPTION
FLANGE X SOCKET WELD - 316 SS	
M100SWFSS	1" FLANGE X 1" SOCKET WELD
M200SWFSS	2" FLANGE X 2" SOCKET WELD
M220SWFSS	2" FP FLANGE X 2" SOCKET WELD
M220375SWFSS	2" FP FLANGE X 2" SOCKET WELD X 3 3/4"
M300SWFSS	3" FLANGE X 3" SOCKET WELD
M300375SWFSS	3" FLANGE X 3" SOCKET WELD X 3 3/4"



BANJO MANIFOLD SWEEPS

Higher flow and less pressure drop than conventional 90 degree fittings.

PART	DESCRIPTION
SWEEPS	
M100SWP90	1" FLANGE X FLANGE SWEEP
M100BRBWP90	1" FLANGE X HOSE SHANK SWEEP
M100125BRBWP90	1" FLANGE X 1 1/4" HOSE SHANK SWEEP
M200SWP90	2" FLANGE X FLANGE SWEEP
M220ASWP90	2" FULL PORT FLANGE X MALE ADAPTER SWEEP
M220BRBWP90	2" FULL PORT FLANGE X HOSE SHANK SWEEP
M220MPTSWP90	2" FULL PORT FLANGE X MALE NPT THREAD SWEEP
M220SWP90	2" FULL PORT FLANGE X FLANGE SWEEP
M220200SWP90	2" FULL PORT FLANGE X 2" FLANGE SWEEP



PART	DESCRIPTION
SWEEPS	
M300MPTSWP90	3" FLANGE X MALE NPT THREAD SWEEP
M300SWP90	3" FLANGE X FLANGE SWEEP
M300BRBWP90	3" FLANGE X HOSE SHANK SWEEP
SWEEPS W/GAUGE PORT (1/4" NPT)	
M100SWPG90	1" FLANGE X FLANGE SWEEP
M300ASWPG90	3" FLANGE X MALE ADAPTER SWEEP
M300MPTSWPG90	3" FLANGE X MALE NPT THREAD SWEEP
M300SWPG90	3" FLANGE X FLANGE SWEEP



NORWESCO MANIFOLD FITTINGS



PART	DESCRIPTION
FLANGE X FLANGE	

62914	1" X 1"
62927	2" X 1"
63102	2" X 2"
64893	3" X 1"
62928	3" X 2"
63113	3" X 3"



FLANGE X CAMLOCK	
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62926	2" X 2" MALE ADAPTER
63121	3" X 3" MALE ADAPTER



FLANGE X HOSE BARB	
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62917	1" X 3/4"
62918	1" X 1"
62919	1" X 1-1/4"
63105	2" X 1-1/2"
63106	2" X 2"
63115	3" X 2"
63116	3" X 3"



FLANGED TEES	
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62912	1"
63100	2"
63111	3"



FLANGE X FPT	
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62916	1" X 1"
63104	2" X 2"



PLUGS & PLUGS W/GAUGE PORT	
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62924	1"
62925	1" X 1/4 FPT
63110	2"
63120	3"



PART	DESCRIPTION
FLANGE X MPT	

63098	1" X 3/4"
62915	1" X 1"
63099	1" X 1-1/4"
63103	2" X 2"
63114	3" X 3"



FLANGE X 90 DEGREE HB	
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62920	1" X 3/4"
62921	1" X 1"
62922	1" X 1-1/4"
63107	2" X 1-1/2"
63108	2" X 2"
63117	3" X 2"
63118	3" X 3"



90 DEGREE FLANGED ELBOW	
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62913	1"
63101	2"
63112	3"



FLANGED CROSSES	
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62923	1"
63109	2"
63119	3"



CLAMPS & GASKETS	
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62932	1" CLAMP
62933	2" CLAMP
62934	3" CLAMP
62935	1" GASKET
61574	2" GASKET
61575	3" GASKET



THREADED AND MANIFOLD FITTINGS

MINI T STRAINERS



CLEAR BOWLS

PART	DESCRIPTION	MAX PSI
LSTM050-50C	1/2" MINI CLEAR 50 MESH STRAINER MINI T LINE POLY, GENTIAN BLUE	100
LSTM050-80C	1/2" MINI CLEAR 80 MESH STRAINER MINI T LINE POLY, ZINC YELLOW	100
LSTM075-50C	3/4" MINI CLEAR 50 MESH STRAINER MINI T LINE POLY, GENTIAN BLUE	100
LSTM075-80C	3/4" MINI CLEAR 80 MESH STRAINER MINI T LINE POLY, ZINC YELLOW	100



BLACK BOWLS

PART	DESCRIPTION	MAX PSI
LSTM050-50	1/2" MINI BLACK 50 MESH STRAINER MINI T LINE POLY, GENTIAN BLUE	200
LSTM050-80	1/2" MINI BLACK 80 MESH STRAINER MINI T LINE POLY, ZINC YELLOW	200
LSTM075-50	3/4" MINI BLACK 50 MESH STRAINER MINI T LINE POLY, GENTIAN BLUE	200
LSTM075-80	3/4" MINI BLACK 80 MESH STRAINER MINI T LINE POLY, ZINC YELLOW	200



LSTM075-80

MINI T STRAINERS - REPLACEMENT PARTS

PART	DESCRIPTION	QTY
LSTM050B	BOWL FOR MINI T-STRAINER	1
LSTM050BC	MINI T-STRAINER CLEAR BOWL	1
LSTM050G	GASKET EPDM T STRAINER MINI 1/2 3/4 PARTS STRAINER POLY	1
LST530	30 MESH SCREEN T STRAINER MINI 1/2 3/4 PARTS STRAINER POLY, RED	1
LST550	50 MESH SCREEN T STRAINER MINI 1/2 3/4 PARTS STRAINER POLY, GENTIAN BLUE	1
LST580	80 MESH SCREEN T STRAINER MINI 1/2 3/4 PARTS STRAINER POLY, ZINC YELLOW	1
LST5100	100 MESH SCREEN T STRAINER MINI 1/2 3/4 PARTS STRAINER POLY, GREEN	1

LINE STRAINERS

T STRAINERS 3/4"-1"

PART	DESCRIPTION	MAX PSI
LST075-100	3/4 100 MESH STRAINER T LINE POLY, TRAFFIC GREEN	300
LST075-50	3/4 50 MESH STRAINER T LINE POLY, GENTIAN BLUE	300
LST075-80	3/4 80 MESH STRAINER T LINE POLY, ZINC YELLOW	300
LST100-100	1 100 MESH STRAINER T LINE POLY, TRAFFIC GREEN	300
LST100-16	1 16 MESH STRAINER T LINE POLY, BROWN RED	300
LST100-30	1 30 MESH STRAINER T LINE POLY, FLAME RED	300
LST100-50	1 50 MESH STRAINER T LINE POLY, GENTIAN BLUE	300
LST100-80	1 80 MESH STRAINER T LINE POLY, ZINC YELLOW	300



LST100-16

T STRAINER REPLACEMENT PARTS 3/4"-1"

PART	DESCRIPTION	QTY
LST075-HB	HEAD BOWL GASKET T STRAINER 3/4 PARTS STRAINER POLY	1
LST100-B	BOWL T STRAINER 3/4 1 PARTS STRAINER POLY	1
LST100-G	GASKET EPDM T STRAINER 3/4 1 PARTS STRAINER POLY	1
LST100-H	HEAD T STRAINER 1 PARTS STRAINER POLY	1
LST100-HB	HEAD BOWL GASKET T STRAINER 1 PARTS STRAINER POLY	1
LST116	16 MESH SCREEN T STRAINER 3/4 1 PARTS STRAINER POLY, BROWN RED	1
LST130	30 MESH SCREEN T STRAINER 3/4 1 PARTS STRAINER POLY, FLAME RED	1
LST150	50 MESH SCREEN T STRAINER 3/4 1 PARTS STRAINER POLY, GENTIAN BLUE	1
LST180	80 MESH SCREEN T STRAINER 3/4 1 PARTS STRAINER POLY, ZINC YELLOW	1
LST1100	100 MESH SCREEN T STRAINER 3/4 1 PARTS STRAINER POLY, TRAFFIC GREEN	1



LST100-B

T STRAINERS 1 1/4" - 1 1/2"

PART	DESCRIPTION	MAX PSI
LST125-16	1 1/4 16 MESH STRAINER T LINE POLY, BROWN RED	300
LST125-30	1 1/4 30 MESH STRAINER T LINE POLY, FLAME RED	300
LST125-50	1 1/4 50 MESH STRAINER T LINE POLY, GENTIAN BLUE	300
LST125-80	1 1/4 80 MESH STRAINER T LINE POLY, ZINC YELLOW	300
LST150-100	1 1/2 100 MESH STRAINER T LINE POLY, TRAFFIC GREEN	300
LST150-50	1 1/2 50 MESH STRAINER T LINE POLY, GENTIAN BLUE	300
LST150-80	1 1/2 80 MESH STRAINER T LINE POLY, ZINC YELLOW	300

T STRAINERS REPLACEMENT PARTS 1 1/4" - 1 1/2"

PART	DESCRIPTION	QTY
LST150-B	BOWL T STRAINER 1 1/4 1 1/2 PARTS STRAINER POLY	1
LST150-G	GASKET EPDM T STRAINER 1 1/4 1 1/2 PARTS STRAINER POLY	1
LST150-HB	HEAD BOWL GASKET T STRAINER 1 1/2 PARTS STRAINER POLY	1
LST15100	100 MESH SCREEN T STRAINER 1 1/4 1 1/2 PARTS STRAINER POLY, TRAFFIC GREEN	1
LST1516	16 MESH SCREEN T STRAINER 1 1/4 1 1/2 PARTS STRAINER POLY, BROWN RED	1
LST1530	30 MESH SCREEN T STRAINER 1 1/4 1 1/2 PARTS STRAINER POLY, FLAME RED	1
LST1550	50 MESH SCREEN T STRAINER 1 1/4 1 1/2 PARTS STRAINER POLY, GENTIAN BLUE	1
LST1580	80 MESH SCREEN T STRAINER 1 1/4 1 1/2 PARTS STRAINER POLY, ZINC YELLOW	1
LST180	80 MESH SCREEN T STRAINER 3/4 1 PARTS STRAINER POLY, ZINC YELLOW	1
LST1100	100 MESH SCREEN T STRAINER 3/4 1 PARTS STRAINER POLY, TRAFFIC GREEN	1



LST150-16

T STRAINER 2" STRAINER SS

PART	DESCRIPTION	QTY
LST2100SS	100 MESH SCREEN T STRAINER 2 PARTS STRAINER STAINLESS STEEL	1
LST230SS	30 MESH SCREEN T STRAINER 2 PARTS STRAINER STAINLESS STEEL	1
LST250SS	50 MESH SCREEN T STRAINER 2 PARTS STRAINER STAINLESS STEEL	1
LST280SS	80 MESH SCREEN T STRAINER 2 PARTS STRAINER STAINLESS STEEL	1



LST2100SS

Y STRAINERS 1/2"-3/4"

PART	DESCRIPTION	MAX PSI
LS050-40	1/2 40 MESH Y STRAINER POLY, BROWN	225
LS050-80	1/2 80 MESH Y STRAINER POLY	225
LS075-40	3/4 40 MESH Y STRAINER POLY, BROWN	225
LS075-80	3/4 80 MESH Y STRAINER POLY	225



LS050-40

Y STRAINER REPLACEMENT PARTS 1/2"-3/4"

PART	DESCRIPTION	QTY
LS780	80 MESH SCREEN Y STRAINER 1/2 3/4 PARTS STRAINER POLY, BLUE	1

Y STRAINERS 1" - 1 1/4"

PART	DESCRIPTION	MAX PSI
LS100-20	1 20 MESH Y STRAINER POLY, BEIGE	200
LS100-40	1 40 MESH Y STRAINER POLY, BROWN	200
LS100-80	1 80 MESH Y STRAINER POLY, BLUE	200
LS125-20	1 1/4 20 MESH Y STRAINER POLY, BEIGE	200
LS125-80	1 1/4 80 MESH Y STRAINER POLY, BLUE	200

Y STRAINER REPLACEMENT PARTS 1" - 1 1/4"

PART	DESCRIPTION	QTY
LS140	40 MESH SCREEN Y STRAINER 1 1 1/4 PARTS STRAINER POLY, BROWN	1
LS100-G	GASKET EPDM Y STRAINER 1 1 1/4 PARTS STRAINER POLY	1
LS180	80 MESH SCREEN Y STRAINER 1 1 1/4 PARTS STRAINER POLY, YELLOW	1

Y STRAINERS 1 1/2" - 2"

PART	DESCRIPTION	MAX PSI
LS150-12	1 1/2 12 MESH Y STRAINER POLY, BLACK	150
LS150-20	1 1/2 20 MESH Y STRAINER POLY, BEIGE	150
LS150-30	1 1/2 30 MESH Y STRAINER POLY, YELLOW	150
LS150-80	1 1/2 80 MESH Y STRAINER POLY, BLUE	150
LS200-06	2 6 MESH Y STRAINER POLY, WHITE	150
LS200-12	2 12 MESH Y STRAINER POLY, BLACK	150
LS200-120	2 120 MESH Y STRAINER POLY, BLACK	150
LS200-20	2 20 MESH Y STRAINER POLY, BEIGE	150
LS200-30	2 30 MESH Y STRAINER POLY	150
LS200-50	2 50 MESH Y STRAINER POLY, RED	150
LS200-80	2 80 MESH Y STRAINER POLY, BLUE	150
LS200-100	2 100 MESH Y STRAINER POLY, GREEN	150

Y STRAINER REPLACEMENT PARTS 1 1/2" - 2"

PART	DESCRIPTION	QTY
LS150-C	END CAP Y STRAINER 1 1/2 2 PARTS STRAINER POLY	1
LS150-G	GASKET EPDM NEW STY Y STRAINER 1 1/2 2 PARTS STRAINER POLY	1
LS150-GV	GASKET VITON NEW STY Y STRAINER 1 1/2 2 PARTS STRAINER POLY	1
LS200-B	BODY Y STRAINER 2 PARTS STRAINER POLY	1
LS200B/C	BODY CAP GASKET Y STRAINER 2 PARTS STRAINER POLY	1
LS200-G	GASKET EPDM OLD STY Y STRAINER 2 PARTS STRAINER POLY	1
LS206	6 MESH SCREEN Y STRAINER 1 1/2 2 PARTS STRAINER POLY, WHITE	1
LS212	12 MESH SCREEN Y STRAINER 1 1/2 2 PARTS STRAINER POLY, BLACK	1
LS220	20 MESH SCREEN Y STRAINER 1 1/2 2 PARTS STRAINER POLY, BEIGE	1
LS230	30 MESH SCREEN Y STRAINER 1 1/2 2 PARTS STRAINER POLY	1
LS250	50 MESH SCREEN Y STRAINER 1 1/2 2 PARTS STRAINER POLY, RED	1
LS280	80 MESH SCREEN Y STRAINER 1 1/2 2 PARTS STRAINER POLY, BLUE	1
LS2100	100 MESH SCREEN Y STRAINER 1 1/2 2 PARTS STRAINER POLY, GREEN	1
LS2120	120 MESH SCREEN Y STRAINER 1 1/2 2 PARTS STRAINER POLY, BLACK	1



L5050-40

Y STRAINERS 3"

PART	DESCRIPTION	MAX PSI
LSM300-20	3 20 MESH Y STRAINER POLY	75
LSM300-50	3 50 MESH Y STRAINER POLY	75

Y STRAINER REPLACEMENT PARTS 3"

PART	DESCRIPTION	QTY
LS308	8 MESH SCREEN Y STRAINER 3 PARTS STRAINER POLY	1
LS312	12 MESH SCREEN Y STRAINER 3 PARTS STRAINER POLY	1
LS320	20 MESH SCREEN Y STRAINER 3 PARTS STRAINER POLY	1
LS350	50 MESH SCREEN Y STRAINER 3 PARTS STRAINER POLY	1
LSM300BC	BODY CAP GASKET Y STRAINER 3 PARTS STRAINER POLY	1
LS300EC	END CAP NO PLUG Y STRAINER 3 PARTS STRAINER POLY	1



LS350

LSQ STRAINERS

PART	DESCRIPTION
LSQ 200-30	30 MESH SCREEN Y STRAINER 2"X 2" LSQ STRAINER
LSQ 200-80	80 MESH SCREEN Y STRAINER 2"X 2" LSQ STRAINER

Y STRAINER REPLACEMENT PARTS 3"

PART	DESCRIPTION
LSQ 200-BC	2" BODY 1 CAP
LSQ 200-G	2" EPDM GASKET
LSQ 200-PL	ISQ DRAIN PLUG
LSQ 200-R	O-RING FOR LASQ DRAIN PLUG



LSQ 200-80

1" AND 2" MANIFOLD T LINE STRAINERS

PART	DESCRIPTION	MAX PSI
MLST100-30	1" MANIFOLD T STRAINER W/30 MESH SCREEN	300
MLST100-50	1" MANIFOLD T STRAINER W/50 MESH SCREEN	300
MLST100-80	1" MANIFOLD T STRAINER W/80 MESH SCREEN	300
MLST100-100	1" MANIFOLD T STRAINER W/100 MESH SCREEN	300
MLST150-30	2" MANIFOLD T STRAINER W/30 MESH SCREEN	225
MLST150-50	2" MANIFOLD T STRAINER W/50 MESH SCREEN	225
MLST150-80	2" MANIFOLD T STRAINER W/80 MESH SCREEN	225
MLST150-100	2" MANIFOLD T STRAINER W/100 MESH SCREEN	225



MLST 100-100

1", 2" AND 3" MANIFOLD Y LINE STRAINERS

PART	DESCRIPTION	MAX PSI
MLS100-80	1" MANIFOLD Y STRAINER W/80 MESH SCREEN	225
MLS200-06	2" MANIFOLD Y STRAINER W/6 MESH SCREEN	225
MLS200-12	2" MANIFOLD Y STRAINER W/12 MESH SCREEN	225
MLS200-20	2" MANIFOLD Y STRAINER W/20 MESH SCREEN	225
MLS200-30	2" MANIFOLD Y STRAINER W/30 MESH SCREEN	225
MLS200-50	2" MANIFOLD Y STRAINER W/50 MESH SCREEN	225
MLS200-50M	2" MANIFOLD Y STRAINER W/MOUNTING BRACKET W/50 MESH SCREEN	225
MLS200-80	2" MANIFOLD Y STRAINER W/80 MESH SCREEN	225
MLS200BC	BODY CAP GASKET MANIFOLD Y STRAINER 2 PARTS MANIFOLD STRAINER, NO SCREEN	NA
MLS222-04	2" FULL PORT MANIFOLD Y STRAINER W/4 MESH SCREEN	225
MLS222-10	2" FULL PORT MANIFOLD Y STRAINER W/10 MESH SCREEN	225
MLS222-16	2" FULL PORT MANIFOLD Y STRAINER W/16 MESH SCREEN	225
MLS222-30	2" FULL PORT MANIFOLD Y STRAINER W/30 MESH SCREEN	225
MLS222-50	2" FULL PORT MANIFOLD Y STRAINER W/50 MESH SCREEN	225
MLS222-80	2" FULL PORT MANIFOLD Y STRAINER W/80 MESH SCREEN	225
MLS300-12	3" MANIFOLD Y STRAINER W/12 MESH SCREEN	100
MLS300-20	3" MANIFOLD Y STRAINER W/20 MESH SCREEN	100
MLS300-50	3" MANIFOLD Y STRAINER W/50 MESH SCREEN	100



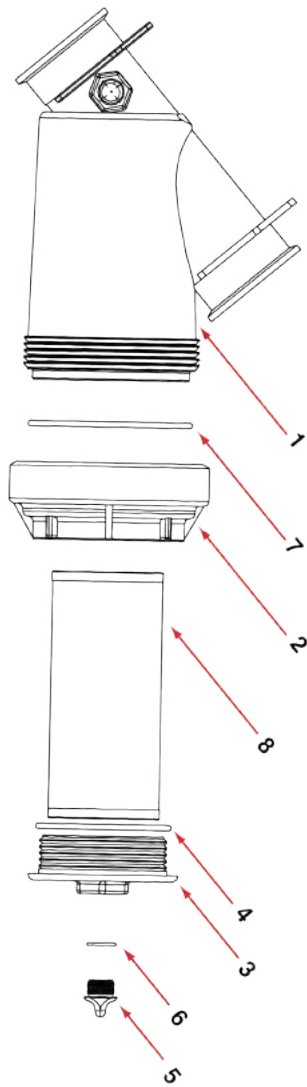
MLS 222-50



MLS 300-50

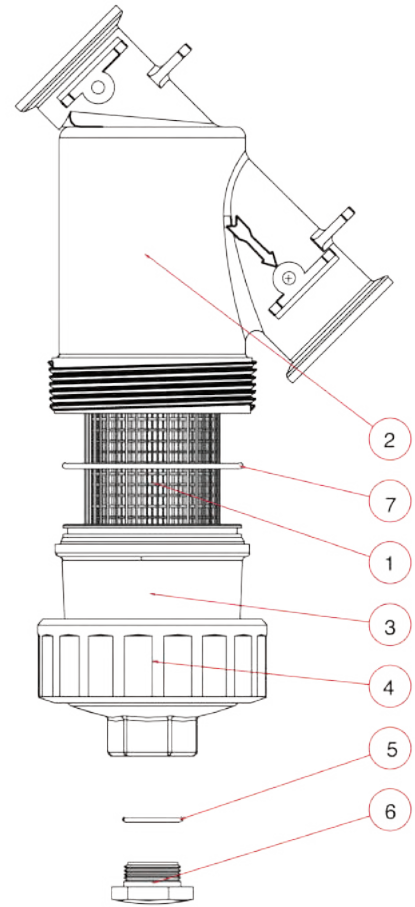


BANJO MANIFOLD REPAIR PARTS



REPLACEMENT PARTS MLS300

PART	PART NUMBER	DESCRIPTION
1	MLS300B	3" FLANGED Y STRAINER BODY
2	MLS300CAP	3" FLANGED Y STRAINER CAP
3	LS300EC	3" END CAP
4	MLS300ECG	3" EPDM END CAP GASKET
4	MLS300ECGV	3" FKM (VITON TYPE) END CAP GASKET
5	13777	3/4" PLUG
6	13778	O-RING
7	MLS300G	3" EPDM CAP GASKET
7	MLS300GV	3" FKM (VITON TYPE) CAP GASKET
8	LS304	4 SS MESH SCREEN
8	LS308	8 SS MESH SCREEN
8	LS312	12 SS MESH SCREEN
8	LS320	20 SS MESH SCREEN
8	LS350	50 SS MESH SCREEN



REPLACEMENT PARTS MLS222

PART	PART NUMBER	DESCRIPTION
1	LST204SS	4 SS MESH SCREEN
1	LST206SS	6 SS MESH SCREEN
1	LST208SS	8 SS MESH SCREEN
1	LST210SS	10 SS MESH SCREEN
1	LST216SS	16 SS MESH SCREEN
1	LST230SS	30 SS MESH SCREEN
1	LST250SS	50 SS MESH SCREEN
1	MLS250SS	50 SS MESH PERFORATED SCREEN
1	LST280SS	80 SS MESH SCREEN
1	MLS280SS	80 SS MESH PERFORATED SCREEN
1	LST2100SS	100 SS MESH SCREEN
1	MLS2100SS	100 SS MESH PERFORATED SCREEN
2	MLS222B	2" FLANGED Y STRAINER BODY
3	MLS220C1	2" FLANGED Y STRAINER CAP
4	MLS220R1	2" FLANGED Y STRAINER RING
5	LSQ200-R	2" PLUG GASKET
6	LSQ200-PL	2" PLUG
7	MLS220G1	2" BODY GASKET
2-7	MLS222BC	STRAINER WITHOUT SCREEN

NORWESCO STRAINERS

T-Line



Y-Line



- Sizes from 1/2" to 3".
- Easy access for cleaning.
- Standard with EPDM gaskets.
- 6 to 80 mesh 304 stainless steel screens.
- Screen for 3" is polypropylene reinforced.
- Manufactured from glass reinforced polypropylene.
- 3" strainer features a 1/2" drain plug in bottom of cap.
- Protects and prevents clogging of pipelines, pumps and spray tips.

RECOMMENDED OPERATING PRESSURE

1/2" thru 2"	3"
70 PSI @ 0°F	55 PSI @ 0°F
90 PSI @ 70°F	70 PSI @ 70°F
50 PSI @ 150°F	40 PSI @ 150°F

PART	DESCRIPTION
64169	1/2" Y-LINE STRAINER- 20 MESH
64170	1/2" Y-LINE STRAINER- 50 MESH
64171	1/2" Y-LINE STRAINER- 80 MESH
64173	3/4" Y-LINE STRAINER- 20 MESH
64174	3/4" Y-LINE STRAINER- 50 MESH
64175	3/4" Y-LINE STRAINER- 80 MESH
61478	1" Y-LINE STRAINER- 20 MESH
64295	1" Y-LINE STRAINER- 50 MESH
61480	1" Y-LINE STRAINER- 80 MESH
61738	1-1/4" Y-LINE STRAINER- 20 MESH
64298	1-1/4" Y-LINE STRAINER- 50 MESH
61741	1-1/4" Y-LINE STRAINER- 80 MESH
64272	1-1/2" Y-LINE STRAINER- 20 MESH
64273	1-1/2" Y-LINE STRAINER- 50 MESH
61490	1-1/2" Y-LINE STRAINER- 80-20 MESH
64275	2" Y-LINE STRAINER- 20 MESH

PART	DESCRIPTION
64276	2" Y-LINE STRAINER- 50 MESH
61495	2" Y-LINE STRAINER- 80-20 MESH
62338	3" Y-LINE STRAINER- 12 MESH
62339	3" Y-LINE STRAINER- 20 MESH
62340	3" Y-LINE STRAINER- 40 MESH
61459	1/2" T-LINE STRAINER- 20 MESH
61460	1/2" T-LINE STRAINER- 40 MESH
61461	1/2" T-LINE STRAINER- 80 MESH
61464	3/4" T-LINE STRAINER- 20 MESH
61465	3/4" T-LINE STRAINER- 40 MESH
61466	3/4" T-LINE STRAINER- 80 MESH
61469	1" T-LINE STRAINER- 20 MESH
61470	1" T-LINE STRAINER- 40 MESH
61471	1" T-LINE STRAINER- 80 MESH

STRAINERS



NORWESCO STRAINER PARTS

PART	Y-LINE							T-LINE		
	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	3"	1/2"	3/4"	1"
EPDM GASKET	61452	61452	61750	61750	61561	61561	-	61537	61537	61537
STRAINER BODY ONLY	61307	61308	61309	61748	61287	61288	62334	61283	61284	61285
20 MESH SCREEN	64177	64177	61749	61749	64260	64260	62252	61404	61404	61404
40 MESH SCREEN					-	-	62261	61405	61405	61405
50 MESH SCREEN	64178	64178	64292	64292	64261	64261	-	-	-	-
80 MESH SCREEN	64179	64179	61747	61747	61510	61510	62400	61406	61406	61406
100 MESH SCREEN	64180	64180	-	-	-	-	-	-	-	-
CAP W/ PLUG & O-RING	-	-	-	-	61567	61567	62335	-	-	-
EPDM BODY O-RING	-	-	-	-	-	-	62266	-	-	-
EPDM PLUG O-RING	-	-	-	-	-	-	62283	-	-	-

TEEJET LINE STRAINERS



PART	DESCRIPTION
AA122-1/2-PP-(X)	1/2" AA122 POLY STRAINER
AA122-3/4-PP-(X)	3/4" AA122 POLY STRAINER
AA126ML-3-(X)	3/4" AA126 POLY STRAINER
AA126ML-4-(X)	1" AA126 POLY STRAINER
AA126-6-(X)	1-1/2" AA126 POLY STRAINER
AA124A-3/4-AL-(X)	3/4" AA124 ALUMINIUM STRAINER
AA124A-1-AL-(X)	1" AA124 ALUMINIUM STRAINER
AA124A-1-1/4-AL-(X)	1-1/4" AA124 ALUMINIUM STRAINER
AA124A-2-AL-(X)	2" AA124 ALUMINIUM STRAINER
AA124A-2-1/2-AL-(X)	2-1/2" AA124 ALUMINIUM STRAINER
AA124ML-3/4-AL-(X)	3/4" AA124 ALUMINIUM STRAINER
AA124ML-1-AL-(X)	1" AA124 ALUMINIUM STRAINER
AA124ML-1-1/2-AL-(X)	1-1/2" AA124 ALUMINIUM STRAINER
AA124ML-2-AL-(X)	2" AA124 ALUMINIUM STRAINER
AA124ML-2-1/2-AL-(X)	2-1/2" AA124 ALUMINIUM STRAINER
CP23174-1-SS	16 MESH SCREEN FOR AA122
CP23174-2-SS	30 MESH SCREEN FOR AA122
CP45102-4-SSPP	80 MESH SCREEN FOR AA122
CP45102-5-SSPP	100 MESH SCREEN FOR AA122
CP16903-1-SSPP	16 MESH; AA126ML, AA124A-3/4 OR 1, AA124ML-3/4 OR 1
CP16903-4-SSPP	50 MESH; AA126ML, AA124A-3/4 OR 1, AA124ML-3/4 OR 1
CP16903-5-SSPP	80 MESH; AA126ML, AA124A-3/4 OR 1, AA124ML-3/4 OR 1
CP16903-6-SSPP	100 MESH; AA126ML, AA124A-3/4 OR 1, AA124ML-3/4 OR 1
CP15941-1-SSPP	16 MESH; AA126, AA124A-1-1/4 OR 1-1/2, AA124ML-1-1/4 OR 1-1/2
CP15941-2-SSPP	30 MESH; AA126, AA124A-1-1/4 OR 1-1/2, AA124ML-1-1/4 OR 1-1/2
CP15941-4-SSPP	80 MESH; AA126, AA124A-1-1/4 OR 1-1/2, AA124ML-1-1/4 OR 1-1/2
CP15941-5-SSPP	100 MESH; AA126, AA124A-1-1/4 OR 1-1/2, AA124ML-1-1/4 OR 1-1/2
CP14634-1-SS	16 MESH; AA124A-2 OR 2-1/2, AA124ML-2 OR 2-1/2
CP14634-2-SS	30 MESH; AA124A-2 OR 2-1/2, AA124ML-2 OR 2-1/2
CP14634-3-SS	50 MESH; AA124A-2 OR 2-1/2, AA124ML-2 OR 2-1/2
CP14634-4-SS	80 MESH; AA124A-2 OR 2-1/2, AA124ML-2 OR 2-1/2
CP14634-8-SS	100 MESH; AA124A-2 OR 2-1/2, AA124ML-2 OR 2-1/2

AA122 SERIES

- The AA122 line strainer features a compact size well suited for small agricultural & turf sprayers.
- The AA122 is constructed of polypropylene head and bowl with stainless steel screen for excellent chemical resistance.
- Available with 1/2" or 3/4" NPT female connections.
- Maximum pressure rating of 150 psi (10 bar).
- Available with 16, 30, 50, 80 or 100 mesh screen.

AA124 SERIES

- 150 psi (10 bar) maximum pressure rating.
- Strainer head is constructed of aluminium with a polypropylene strainer bowl complete with 304SS screen.
- Available with 3/4", 1", 1-1/4", 1-1/2", 2" or 2-1/2" NPT female connections.
- Available with 16, 30, 50, 80 or 100 mesh screen.

AA126 SERIES

- 200 psi (14 bar) maximum pressure rating.
- Strainer head and bowl are made of glass-filled polypropylene with EPDM gasket.
- Removable screens are made from 304SS with colour coded frames for easy replacement.
- Removable cap and O-ring for easy flushing.
- Available with 3/4", 1", 1-1/4" and 1-1/2" NPT female connections.
- Available with 16, 30, 50, 80 or 100 mesh screen.

X = MESH SCREEN SIZE





HELIX HIGH VOLUME STRAINERS

Helix filter models are available in three different sizes: 2", 2" Super and 3" model. The filters can be installed in any orientation; however, it is preferable to install them in the inverted position (3/4" flush port at bottom). This helps the filtration system work at it's optimum.

As water enters the filter housing, a high velocity centrifugal action occurs, spiralling heavier particles (sand, sediment etc.) away from the cartridge, down to the base of the filter. These accumulated particles are then flushed from the filter via the 3/4" flush port connection at the base of the filter (valve not included).

UNIQUE FEATURES

- Centrifugal cleaning action minimizes maintenance.
- Large disc surface area, with three-dimensional depth.
- Particles can be flushed while filter is in operation.
- Filters are available in disc or screen format
 - Several color-coded disc options available.
 - Several Type 316 stainless mesh (and perforated) options available.
- Durable, corrosion-resistant, injection-molded housing.
- Easily removable, quick clamp lid assembly.
- Pressure gauge ports molded into housing



MTS SERIES



MTD SERIES

HELIX DISC FILTER (MTD SERIES)

MODEL NUMBER	MODEL TYPE	INLET/OUTLET SIZE & TYPE	FILTER SURFACE AREA (SQ. IN)	FLUSH PORT CONNECTION SIZE	MAXIMUM FLOW	MAXIMUM PRESSURE RATING (PSI)	X	Y	Z
HD-2NA*	REGULAR	2"/NPT	186	3/4"	100	125 PSI	12 1/8"	24 1/8"	18"
HD-2SA*	SUPER	2"/NPT	263	3/4"	100	125 PSI	12 1/8"	28 3/4"	22 15/16"
HD-3NA-*	REGULAR	3"/NPT	263	3/4"	200	125 PSI	13 1/4"	30"	22 15/16"
HD-2NW*	REGULAR	2" /VICTAULIC	186	3/4"	100	125 PSI	12 1/8"	24 1/8"	18"
HD-2SW-*	SUPER	2" /VICTAULIC	263	3/4"	100	125 PSI	12 1/8"	28 3/4"	22 15/16"
HD-3NW*	REGULAR	3" /VICTAULIC	263	3/4"	200	125 PSI	13 1/4"	30"	22 15/16"

HELIX SCREEN FILTER (MTS SERIES)

MODEL NUMBER	MODEL TYPE	INLET/OUTLET SIZE & TYPE	FILTER SURFACE AREA (SQ. IN)	FLUSH PORT CONNECTION SIZE	MAXIMUM FLOW	MAXIMUM PRESSURE RATING (PSI)	X	Y	Z
HS-2NA*	REGULAR	2"/NPT	186	3/4"	100	125 PSI	12 1/8"	24 1/8"	18"
HS-2SA*	SUPER	2"/NPT	263	3/4"	100	125 PSI	12 1/8"	28 3/4"	22 15/16"
HS-3NA-*	REGULAR	3"/NPT	263	3/4"	200	125 PSI	13 1/4"	30"	22 15/16"
HS-2NW*	REGULAR	2" /VICTAULIC	186	3/4"	100	125 PSI	12 1/8"	24 1/8"	18"
HS-2SW-*	SUPER	2" /VICTAULIC	263	3/4"	100	125 PSI	12 1/8"	28 3/4"	22 15/16"
HS-3NW*	REGULAR	3" /VICTAULIC	263	3/4"	200	125 PSI	13 1/4"	30"	22 15/16"

* **How to Order:** Use part number above, then add disc/screen size.

HOW IT WORKS

1. Dirty water enters filter housing through the inlet connection.
2. As dirty water passes through the Helix-Element, the water starts to spin at high velocity. This centrifugal action spins the particles away from the disc media, minimizing manual cleaning frequency.
3. As particles are spun down to the base of the filter, they are flushed via the 3/4" female threaded flush port connection.
4. The dirty water passes from the outside to the inside. These grooves, molded directly into the surface of the three-dimensional discs/screens, trap the remaining contaminants.
5. The filtered water then flows upward and exits the filter through one of the outlets. The outlet not being used is terminated with a threaded cap.

THOMPSON HIGH VOLUME STRAINER AND FILTER

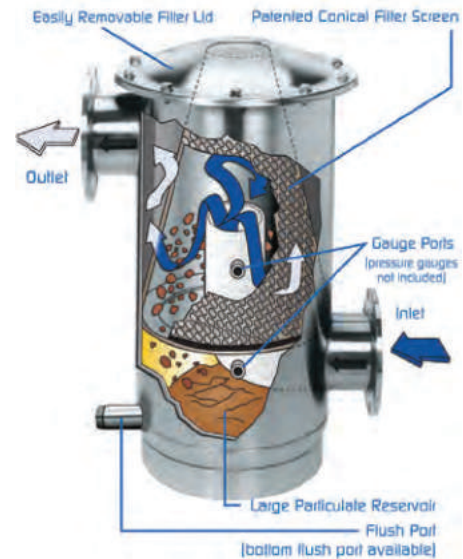
The Thompson Strainer is a unique, yet brilliantly simple product, used in a variety of applications to remove particles from water and other liquids.

Available in Type 304 and Type 316 stainless steel construction, the patented design features a large conical screen element with substantially more surface area compared to traditional strainers on the market.

You select the screen that meets your needs. A large variety of screen options are available, ranging from large perforated hole openings down to 250-mesh (approximately 50-micron).

Features include:

- Large debris reservoirs and easy-access flush ports to help keep your operations running at capacity with minimal effort.
- Flow rates up to 2000 GPM (US) with pressure drop of 2 PSI or less.
- Quick release hand clamps make screen removal fast and efficient.
- Expert fabrication methods assure dependability and long life.
- Large capacity, space-saving housings are available.
- Huge screen area makes the need to clean less frequent.



MODEL NUMBER	GPM	SCREEN SURFACE AREA	INLET OUTLET STYLE	LID TYPE	MAX PRESSURE RATING	FLUSH PORT CONNECTION SIZE
MLS-2	100	122 SQ. IN.	2"/NPT	CLAMP	125 PSI	1 ½ NPT
MLS-3	200	200 SQ. IN.	3"/NPT	CLAMP	125 PSI	1 ½ NPT
MLS-4C	350	367 SQ. IN.	4"/FLANGED	CLAMP	125 PSI	1 ½ NPT
MLS-4B	350	367 SQ. IN.	4"/FLANGED	BOLTED	150 PSI	1 ½ NPT
MLS-6	750	745 SQ. IN.	6"/FLANGED	BOLTED	150 PSI	1 ½ NPT
MLS-8	1300	1,559 SQ. IN.	8"/FLANGED	BOLTED	150 PSI	1 ½ NPT
MLS-10	2000	2,434 SQ. IN.	10"/FLANGED	BOLTED	150 PSI	1 ½ NPT

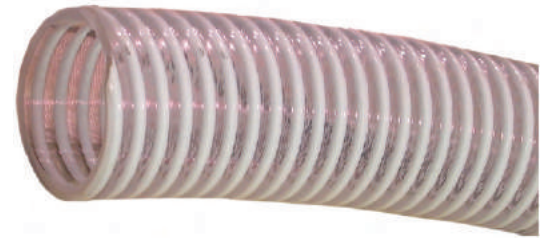
FILTER SIZE	SCREEN	HEAD GASKET	BOTTOM GASKET	DISC GASKET	LID	V-BAND CLAMP	GASKET KIT
2"	2S-(X)	2-ORING	2-FG	2-DG	2-TH	2-VCLAMP	GK-02-2
3"	3S-(X)	3-ORING	3-FG	3-DG	3-TH	3-VCLAMP	GK-03-2
4" (CLAMPED)	4S-(X)	4-ORING	4-FG	4-DG	4C-TH	4-VCLAMP	GK-04-2
4" (BOLTED LID)	4S-(X)	4-HG	4-FG	4-DG	4B-TH		GK-04



PVC SUCTION HOSE (CLEAR WITH COLORED HELIX)

PART	I.D. (IN)	WORKING PRESSURE (PSI)	VACUUM RATING (INHG @ 68F)	SUGGESTED CLAMP*	
				HAS	TC
72090	3/4	100	28	12	-
72091	1	100	28	16	TC120
72092	1-1/4	90	28	20	TC130
72093	1-1/2	90	28	24	TC162
72094	2	70	28	32	TC206
72096	2-1/2	65	28	44	TC287
72095	3	60	28	48	TC331
72097	4	50	28	-	TC425

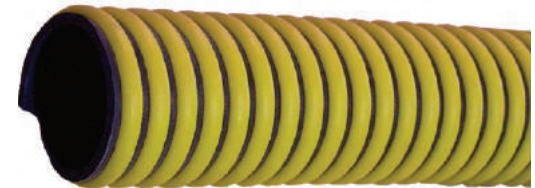
- A PVC suction and discharge hose for Ag, construction and industrial use.
- Flexible abrasion-resistant with rigid PVC helix scuff strip.
- Temperature range from -10°F to 130°F static or 14°F to 104°F dynamic.



FERTILIZER SOLUTION HOSE - BUMBLE BEE HOSE

PART	I.D. (IN)	WORKING PRESSURE (PSI)	VACUUM RATING (INHG @ 68F)	SUGGESTED CLAMP*	
				HAS	TC
72080	1	80	28	16	TC120
72081	1-1/4	70	28	20	TC150
72082	1-1/2	60	28	28	TC193
72083	2	60	28	32	TC224
72087	2-1/2	50	28	-	TC287
72084	3	50	28	-	TC343
72085	4	45	28	-	TC456

- Resistant to most chemicals.
- A rugged and lightweight suction and discharge hose for Ag applications.
- Working temperature range of -30°F to 140°F with good flexibility.
- Black EPDM with yellow poly helix which acts as scuff protection.



ENFORCER SOLUTION HOSE

PART	I.D. (IN)	WORKING PRESSURE (PSI)	VACUUM RATING (INHG @ 68F)	SUGGESTED CLAMP*	
				HAS	TC
72381	1-1/4	100	28	-	TC150
72382	1-1/2	100	28	-	TC181
72383	2	100	28	-	TC250
72384	3	85	28	-	TC343
72385	4	70	28	-	TC456

- Similar to the Bumble Bee Hose but EPDM tube is also reinforced with a textile braid.
- A rugged and lightweight suction and discharge hose for Ag applications.
- Working temperature range of -30°F to 140°F with good flexibility.
- Black EPDM with black poly helix which acts as scuff protection.
- Not subject to elongation during use under pressure.
- Resistant to most chemicals.



*PLEASE CONFIRM YOUR HOSE OD BEFORE ORDERING CLAMPS.

HEAVY DUTY RUBBER SUCTION HOSE (EPDM WITH STEEL WIRE HELIX)

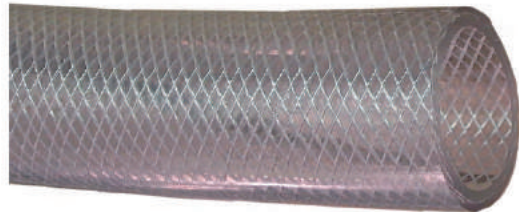
- EPDM tube reinforced with a synthetic cord AND dual spiral helix wire for added flexibility and crush resistance.
- Resistant to scuff abrasions and rough handling.
- Handles full vacuum ratings and pressures up to 150 psi.



PART	I.D. (IN)	WORKING PRESSURE (PSI)	SUGGESTED CLAMP	
			HAS	TC
72100	1-1/4	150	-	-
72101	1-1/2	150	-	TC196
72102	2	120	-	TC250
72104	2-1/2	100	-	TC287
72103	3	85	-	TC343
72105	4	75	-	TC456
72107	6	50	-	-

REINFORCED (BRAIDED) VINYL TUBING

- For use when a clear hose is needed with a higher working pressure than non-reinforced vinyl tubing.
- Clear vinyl chloride construction reinforced with a synthetic textile cord.
- Temperature range from -20°F to 150°F.
- FDA Approved for potable water.



PART	I.D. (IN)	WORKING PRESSURE (PSI)	SUGGESTED CLAMP		COIL SIZE
			MAH	HAS	
72070	1/4	250	4	-	300'
72071	3/8	225	4	-	300'
72072	1/2	200	6	-	300'
72073	5/8	200	6	8	300'
72074	3/4	150	-	10	300'
72075	1	125	-	16	300'
72076	1-1/4	100	-	20	100'
72077	1-1/2	100	-	24	100'
72078	2	75	-	32	100'

CLEAR VINYL TUBING (SIGHT GAUGE TUBING)

- Good to excellent resistance to most chemicals.
- Great flexibility.
- Potable water approved.



PART	I.D. (IN)	WORKING PRESSURE (PSI)	WALL THICKNESS
72041	5/16	70	1/16
72042	3/8	40	1/16
72043	1/2	25	1/16
72044	5/8	40	1/8
72055	3/4	35	1/8
72056	7/8	30	1/8
72057	1	25	1/8
72060	1-1/4	40	1/4
72061	1-1/2	35	1/4
72062	2	30	1/4

*PLEASE CONFIRM YOUR HOSE OD BEFORE ORDERING CLAMPS.

LAY-FLAT DISCHARGE HOSE

- Economical discharge hose for agriculture, construction & industrial.
- Resistant to oils, greases, many chemicals and acids.
- PVC tube with 3 ply polyester reinforcement cords.
- Non-water absorbing and mildew-proof.
- Temperature range from -5°F to 130°F.



PART	I.D. (IN)	WORKING PRESSURE (PSI)	COIL SIZE (FT)
72110	1-1/2	75	300
72111	2	70	300
72114	2-1/2	60	300
72112	3	55	300
72113	4	45	300

AG 200/300 AIR & WATER HOSE (SPRAYER HOSE - BRAIDED EPDM)

- General purpose air or water hose for agricultural and industrial applications.
- Black EPDM tube with your choice of 2 yarn reinforcement and EPDM cover or for higher working pressures, choose the 4 yarn reinforcement with EPDM cover.
- Ideal sprayer hose- used by major sprayer manufacturers.



	PART	I.D. (IN)	WORKING PRESSURE (PSI)	SUGGESTED CLAMP*
AG200 2-BRAID REINFORCED	72001	1/4	200	MAH4
	72002	3/8	200	MAH6
	72003	1/2	200	MAH6
	72004	5/8	200	HAS10
	72005	3/4	200	HAS12
	72006	1	200	HAS16
AG300 4-BRAID REINFORCED	72010	1/4	300	MAH4
	72011	3/8	300	MAH6
	72012	1/2	300	MAH6
	72013	5/8	300	HAS10
	72014	3/4	300	HAS12
	72015	1	300	HAS16
	72016	1-1/4	200	HAS24
	72017	1-1/2	200	HAS28
	72018	2	150	HAS36

EVA TUBING (NH3 TUBING)

- Ethyl Vinyl Acetate plastic handles common herbicides & insecticides, anhydrous ammonia, aqua ammonia, phosphates & all liquid fertilizers.
- Full 18% EVA- best on the market for flexibility- others contain only 8-15% EVA and are much stiffer.
- Potable water approved- an excellent line for drinking water!
- 1/2" now available in opaque White.



PART	I.D. (IN)	WALL THICKNESS	COIL SIZE (FT)
72020	1/4	1/8	500
72021	3/8	1/8	500
72022	1/2	1/8	500
72023	5/8	1/8	250
72024	3/4	1/8	250
72025	1	1/8	200
72026	1	5/32	200

*PLEASE CONFIRM YOUR HOSE OD BEFORE ORDERING CLAMPS.

HOSE CLAMPS



T-BOLT CLAMPS

- All 300-Series Stainless Steel
- 3/4" Band
- Torque Rating: 50 in. lbs.
- 7/16" Lock Nut

PART	HOSE OUTSIDE DIAMETER (IN)
TC120	1.18" TO 1.34"
TC130	1.34" TO 1.50"
TC150	1.50" TO 1.62"
TC162	1.62" TO 1.87"
TC181	1.84" TO 2.12"
TC193	1.93" TO 2.24"
TC206	2.17" TO 2.48"
TC218	2.18" TO 2.52"
TC224	2.24" TO 2.58"
TC231	2.31" TO 2.65"
TC250	2.50" TO 2.81"
TC287	2.83" TO 3.21"
TC312	3.24" TO 3.58"
TC331	3.27" TO 3.65"
TC343	3.43" TO 3.77"
TC425	4.21" TO 4.59"
TC438	4.28" TO 4.69"
TC456	4.46" TO 4.87"



WORM GEAR CLAMPS

- All 300-Series Stainless Steel
- 1/2" Band
- Torque Rating: 30 in. lbs.
- 5/16" Screw

PART	HOSE OUTSIDE DIAMETER
HAS6 HC5-6	7/16 TO 25/32
HAS8 HC5-8	7/16 TO 1
HAS10 HC5-10	9/16 TO 1-1/16
HAS12 HC5-12	9/16 TO 1-1/4
HAS16 HC5-16	11/16 TO 1-1/2
HAS20 HC5-20	3/4 TO 1-3/4
HAS24 HC5-24	1-1/16 TO 2
HAS28 HC5-28	1-5/16 TO 2-1/4
HAS32 HC5-32	1-9/16 TO 2-1/2
HAS36 HC5-36	1-13/16 TO 2-3/4
HAS40 HC5-40	2-1/16 TO 3
HAS44 HC5-44	2-5/16 TO 3-1/4
HAS48 HC5-48	2-9/16 TO 3-1/2
HAS52 HC5-52	2-13/16 TO 3-3/4
HAS56 HC5-56	3-1/16 TO 4
HAS60 HC5-60	3-5/16 TO 4-1/4
HAS64 HC5-64	3-5/16 TO 4-1/4
HAS72 HC5-72	4-1/16 TO 5



"MINIATURE" GEAR CLAMPS

- All 300-Series Stainless Steel
- 5/16" Band
- Perfect for sprayers
- 1/4" Screw

PART	HOSE OUTSIDE DIAMETER
MAH4 HC5-4TB	7/32 TO 5/8
MAH6 HC5-6TB	5/16 TO 7/8
MAH8 HC5-8TB	7/16 TO 1
MAH10 HC5-10TB	1/2 TO 1-1/16
MAH12 HC5-12TB	9/16 TO 1-1/4
MAH16 HC5-16TB	11/16 TO 1-1/2

EASY HOSE CUTTING!

Lil' Nipper Hose Cutter
Part Number 78374



CHECK AND FOOT VALVES

PART	DESCRIPTION
CV050	1/2" BANJO CHECK VALVE 5 PSI SPRING
CV100	1" THREADED CHECK VALVE 1 PSI SPRING
CV100MT	1" FPT X 1" MPT CHECK VALVE
CV221	2" THREADED CHECK VALVE 1 PSI SPRING CHECK VALVE
10-14130	2" FPT X 2" MPT CHECK VALVE
CV300	3" THREADED CHECK VALVE 5 PSI SPRING
CV301	3" THREADED CHECK VALVE 0.5 PSI SPRING
MCV100	1" FLANGE CHECK VALVE 1 PSI SPRING
MCV200	2" FLANGE CHECK VALVE 1.5 PSI SPRING
MCV220	2" FLANGE CHECK VALVE 1PSI SPRING
MCV221	2" FLANGE CHECK VALVE 0.5 PSI SPRING
MCV300	3" FLANGE CHECK VALVE 1.5 PSI SPRING
MCV301	3" FLANGE CHECK VALVE 0.5 PSI SPRING



HOSE ACCESSORIES - TANK & HOSE

PART	DESCRIPTION
10-12470	4" DIA X 7" STRAINER - 2 " INLET - 16 MESH
10-12485	2" FLOATING POND STRAINER
10-12475	2" POND STRAINER KIT
10-10320	2" FPT X 2" HB ADAPTER FOR STRAINER
10-12800	2" HIGH FLOW SUCTION LINE STRAINER 50 MESH FILTER
PP77303	2" SUCTION STRAINER
PP77304	3" SUCTION STRAINER
49-71573	FIRE NOZZLE 1"
49-71575	1 1/2" FIRE HOSE NOZZLE
78374	LIL' NIPPER HOSE CUTTER (UP TO 2" HOSE)
HC95RB	REPLACEMENT BLADE FOR 78374



3" SUCTION STRAINER

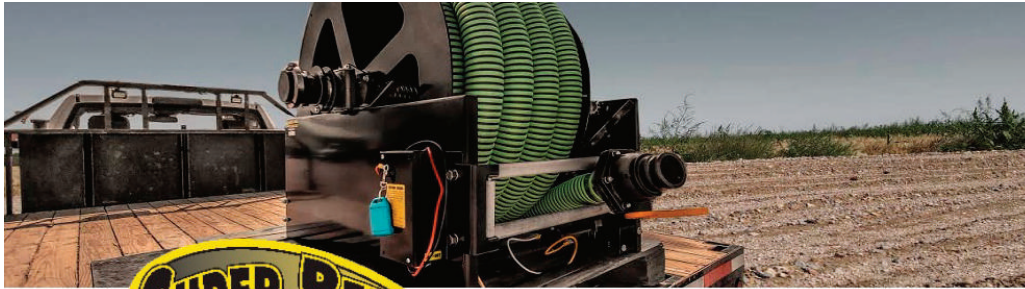
FOG/FIRE NOZZLE



LIL' NIPPER HOSE CUTTER



16 MESH STRAINER

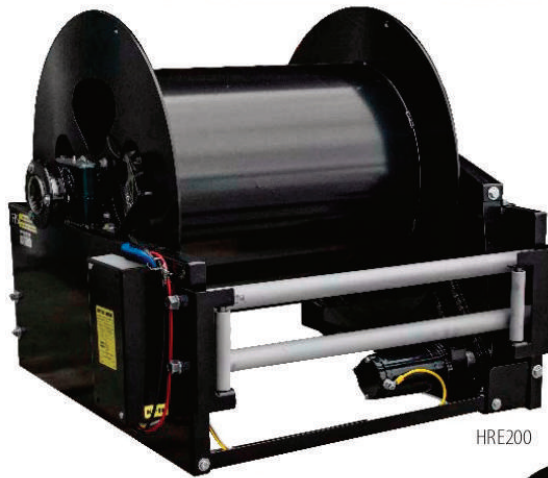


SUPER REEL

SUPER REEL

- Heavy Duty Construction
- 12V Motor with Hand Control
- Manual Clutch Lockout for Easy Pull-Out
- Manual Crank Handle Included
- Guide Tubes for Easy Retrieval
- 2-Way Wireless and Manual Switches
- Stainless Steel Swivel
- Remote Controller
- Chain Guard
- Durable Powder Coat Finish
- Side Rollers

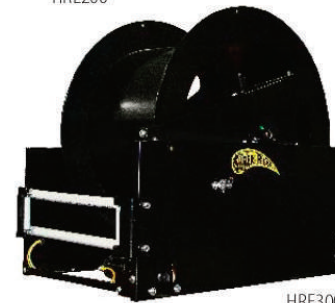
**STAINLESS STEEL SWIVEL
NOW STANDARD ON ALL
SUPER REELS**



HRE200



HRE200



HRE300

SPECIFICATIONS	HR200SS	HRE200SS	HRE300SS
Model	2"	2"	3"
Dimensions	30(L) x 31(W) x 27(H)	30(L) x 31(W) x 27(H)	41(L) x 31(W) x 39(H)
Weight	150 lbs	150 lbs	255 lbs
Hose Capacity	75' of 2" Bumblebee	75' of 2" Bumblebee	75' of 3" Bumblebee
Controls	Manual Crank (adds 5" to width)	Electric	Electric

COX HOSE REELS (MANUAL & ELECTRIC)

- Solid steel construction and rolled edges for longer life and less hose damage.
- Hose drum supported by self-aligning pillow block bearings.
- Operating temperature: -20°F to 225°F
- Operating pressure: 3000 psi.
- Electric models come with 12VDC 1/3 hp motor.



Additional options are also available!

Contact Polywest for all your reel requirements.

PART	DESCRIPTION
1125-4-325	COX MANUAL HOSE REEL - 325' OF 1/2" HOSE CAPACITY
1125-4-325E	COX ELECTRIC HOSE REEL - 325' OF 1/2" HOSE CAPACITY
1125-5-175	COX MANUAL HOSE REEL - 175' OF 3/4" HOSE CAPACITY
15353-18	ROLLER HOSE GUIDES FOR 1125 SERIES REELS

FILTER FLOAT

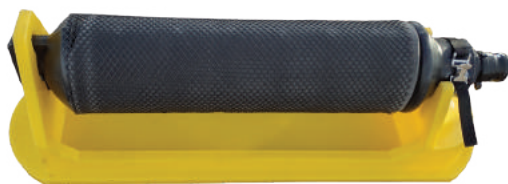
NEW 2" & 3" FILTER FLOAT

- Stay dry and simplify your water transfer needs
- PFF-2 Poly Filter Float can accommodate the 2" and 3" Super Flow or the 2" Sand Screen
- PFF-3 Poly Filter Float can accommodate the 3" Sand Screen



FILTER FLOATS

PART	DESCRIPTION
PFF-2	POLY FILTER FLOAT FOR 2" AND 3" SUPER FLO OR THE 2" SAND SCREEN
PFF-3	POLY FILTER FLOAT FOR 3" SAND SCREEN
PFF-SANDSCREEN2	SANDSCREEN FILTER FOR PFF-2
PFF-SANDSCREEN3	SANDSCREEN FILTER FOR PFF-3



The Superflo filter fits in the 2" Filter Float.

THE HANDLER[®]

30,000+ FARMERS CAN'T BE WRONG.

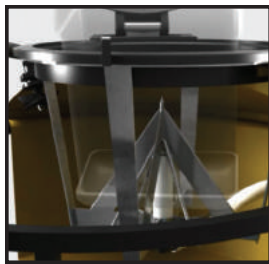
A WORLD-CLASS CHEMICAL HANDLING SYSTEM FOR BOTH GROUND AND AERIAL APPLICATORS:

LOAD YOUR SPRAYER FASTER AND GET BACK IN THE FIELD.

One of the biggest headaches in agricultural spraying is getting your crop protection products safely loaded, mixed and transported to the sprayer in as little time as possible, while minimizing product contact. **The Handler accomplishes this.**

The Handler is a proprietary line of chemical handling systems that enables quick, easy and safe mixing and loading of agricultural chemicals into sprayers, airplanes and hauling tank systems. Originally developed by a Canadian farmer who was tired of having to climb up onto his sprayer to dump 2 1/2 gallon jugs of chemical, only to have to fight with rinsing them, the Handler has evolved into a total crop protection management system.

Available in 5 sizes, and loaded with innovative features, The Handler has been proven on tens of thousands of farms across the world to reduce the time that it takes to properly mix and load a sprayer. The key to a successful spraying operation is spending less time loading and more time spraying, without sacrificing safety. The Handler combines safety, speed and effectiveness into a unit which will become the lifeblood of any spraying operation.



The Handler's original knife cuts plastic containers, empties their contents for mixing, and fully rinses them for safe disposal, in less than 30 seconds.



Leak free plumbing with manifold flanged fitting construction makes repairs or modifications quick and easy.



Total drainage bolted fittings provide complete clean out without jeopardizing durability.



Weatherproof, UV resistant black hose throughout.

Dedicated, venturi powered bulk suction line.

Exclusive double venturi for easy emptying of bulk containers.

Fresh water rinse line for equipment cleanup and line rinsing.

THE HANDLER

THE HANDLER[®]

PRODUCT GUIDE CHART

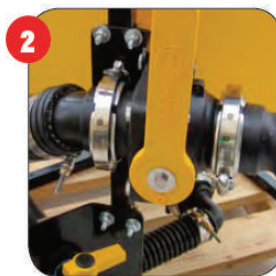
HANDLER ID	VOLUME USG	VOLUME LITERS	TANK CALIBRATION	FITTING SIZE	VENTURI SIZE	ROTACRAFT
H12	15	59	US & IMP & L	2"	1.5"	No
H22	42	160	US & L	2"	2"	No
H22RK	42	160	US & L	2"	2"	No
H22P55	42	160	US & L	2"	2"	No
H23	42	160	US & L	3"	2"	No
H23RK	42	160	US & L	3"	2"	No
H23P65	42	160	US & L	3"	2"	No
H32	70	275	US & IMP & L	2"	2"	Yes
H32RK	70	275	US & IMP & L	2"	2"	Yes
H32P55	70	275	US & IMP & L	2"	2"	Yes
H33	70	275	US & IMP & L	3"	2"	Yes
H33RK	70	275	US & IMP & L	3"	2"	Yes
H33P65	70	275	US & IMP & L	3"	2"	Yes
H33HD	70	275	US & IMP & L	3"	2"	Yes
H33HDP13	70	275	US & IMP & L	3"	2"	Yes
H43RK	230	870	US & L	3"		Yes
H43RKV	230	870	US & L	3"	2"	Yes
H43P65	230	870	US & L	3"		Yes
H43P65V	230	870	US & L	3"	2"	Yes
H43P13	230	870	US & L	3"		Yes
H43P13V	230	870	US & L	3"	2"	Yes

THE HANDLER

THE HANDLER[®]

PRODUCT GUIDE CHART

VENTURI DRAW	INTEGRATED PUMP	RECIRCULATION	MAX PUMP FLOW (GPM/LPM)	HONDA ENGINE	WET END
TANK	None				
TANK & BULK	None				
TANK & BULK	None	Yes			
TANK & BULK	2"	Yes	216/758	GX160	BANJO
TANK & BULK	None				
TANK & BULK	None	Yes			
TANK & BULK	3"	Yes	293/1110	G200	BANJO
TANK & BULK	None				
TANK & BULK	None	Yes			
TANK & BULK	2"	Yes	216/758	GX160	BANJO
TANK & BULK	None				
TANK & BULK	None	Yes			
TANK & BULK	3"	Yes	293/1110	GX200	BANJO
TANK & BULK	None				
TANK & BULK	3"	Yes	440/1667	GX390	HYPRO
	2"	Yes			
BULK	2"	Yes			
	3"	Yes	293/1110	GX200	BANJO
BULK	3"	Yes	293/1110	GX200	BANJO
	3"	Yes	440/1667	GX390	HYPRO
BULK	3"	Yes	440/1667	GX390	HYPRO



The Handler became the top selling specialty loading system in North America because of its ability to cut, empty and rinse a container in seconds. As spraying has changed, so has The Handler. In addition to The Handler knife, the system also mixes powders and dry products easily and quickly, draws from bulk containers using the Handler venturi on select models, and utilizes cone-bottom tanks to easily accommodate batch mixtures and bulk chemical metering.

THE HANDLER IS SUCH A GREAT INVESTMENT FOR YOUR SPRAYING OPERATION, YOU'LL WONDER WHY YOU DIDN'T BUY ONE BEFORE!

THE HANDLER COMES COMPLETE WITH:

- 2 or 3 inch camlocks for easy hook-up
- A proprietary, high-performance glass-filled polypropylene venturi fitting, to empty your Handler in seconds using only the water flow from virtually any transfer pump (Handler I, II & III)
- Bulk adapter connections to draw chemical directly from bulk containers or totes without the need for a separate, slow chemical pump (Handler II and III Models).
- A high-visibility, calibrated, cone-bottom tank that works on any terrain
- Optional frames that accommodate any 2 or 3 inch transfer pump (Handler II, III & IV)
- Optional recirculation packages to allow for batch mixing (Handler II, III & IV)

FEATURES & BENEFITS

1. Increased speed and the reduction of the bottlenecks normally associated with loading a sprayer are the keys to spending less time loading the sprayer and more time using it. The new Handler EXCLUSIVE double venturi allows for easy and seamless suction between the Handler tank and an outside bulk container.
2. Each Handler II and III is now bulk ready allowing you to cut out low volume 12 volt pumps and utilize the proven speed of the Handler venturi to move chemical faster than ever.
3. Draw from bulk containers using your Handler II or III. By adding a 1" or 2" Banjo magnetic flow meter, 1" GPI flow meter, or Dura Meter for optional metering, you can use the Handler venturi to directly induct product into the fill line. This non-mechanical process eliminates the need for slow chemical pumps and simply won't break down.
4. RotaCraft tank rinse nozzles come standard inside every Handler III and Handler IV. These high capacity tank rinse nozzles prevent cross contamination, and quickly and easily rinses out the tank.
5. A newly updated plumbing system featuring Banjo Manifold threadless fittings on all wash, rinse, and agitation lines, is available with every Handler II and III model. With the manifold system leaks are eliminated and parts are easier to repair or replace.
6. A pump kit is optional with the Handler II, III, and IV. The kit comes complete with a recirculation package (making it easy to batch mix virtually any chemical); a pump frame (Handler II and III only); all of the assembly hardware; and a versatile Honda-powered Banjo polypropylene pump.

THE SECRET OF THE HANDLER KNIFE

The Handler uses a patented knife system to cut plastic chemical containers, empty their contents for mixing, and fully rinsing the container for safe disposal. This all in less than 30 seconds while filling your sprayer! There is no waste or residue chemical left in the container once rinsed. Working in conjunction with a custom-made Handler venturi, the Handler can save you time and money, and decrease your risk of exposure to potentially harmful chemicals.



HANDLER I



The H12 is the most compact Handler and is designed for direct induction of chemical into sprayers. This is the leanest model that will pierce, empty, and clean 10L and 20L jugs without slowing down your sprayer filling. Ideal for one man operations, those with limited space, and anyone looking to improve the jug-handling tanks that come with most new sprayers. The Handler I is a free standing unit and is a popular factory installed option with some of the top sprayers on the market today.

The Handler I also features a special venturi designed for sprayers with capacities of 500 gallons or less. Features and benefits include:

- Compact space saver.
- Comes with the original Handler knife.
- Capable of piercing, emptying and rinsing 10L/20L containers easily.
- Simple four-valve operation.

MODEL	INCHES			METERS			WEIGHT	
	L	W	H	L	W	H	LBS	KG
H12	28	26	35	0.7	0.7	0.9	45	20

PART	DESCRIPTION
85-H12	HANDLER I - 2" CONNECTIONS

HANDLER II

With a capacity of 42 US gallons (160 liters) and 2" or 3" connection sizes, the Handler II allows the user to batch mix everything from liquids to dry products and powders, as well as directly induct chemical into the sprayer.

The Handler II comes standard with the ability to draw directly from bulk containers using the Handler double venturi. The Handler II has a standard single nozzle agitation system for mixing dry formulations and assisting in tank cleaning. It is available with or without the integrated pump and pump platform.



PART	DESCRIPTION
85-H22	HANDLER II - 2" CONNECTIONS
85-H22RK	HANDLER II - 2" CONNECTIONS, RECIRC KIT, BASE FRAME
85-H22P55	HANDLER II - 2" CONNECTIONS, RECIRC KIT, BASE FRAME, 2" 5.5HP PUMP
85-H23	HANDLER II - 3" CONNECTIONS
85-H23RK	HANDLER II - 3" CONNECTIONS, RECIRC KIT, BASE FRAME
85-H23P65	HANDLER II - 3" CONNECTIONS, RECIRC KIT, BASE FRAME, 3" 6.5HP PUMP



MODEL NOTES:

H22P55

The H22P55 is all of the functionality you need for sprayer filling in a compact and cost-effective platform. The integrated transfer pump performs sprayer filling along with all of your liquid and dry handling needs; closed loop recirculation and agitation, bulk chemical induction, 10L / 20L container emptying and rinsing, direct chemical induction to sprayer. The field tested valve arrangement allows you to use it whichever way suits your application; a venturi based system that keeps the water pump free of chemical at all times, or a closed loop recirculation system for aggressive agitation and even faster chemical handling.

The H22P55 comes standard with Polywest's proprietary dual-inlet venturi. This allows the venturi to draw from the Handler tank or from a bulk chemical container without any extra plumbing or hoses.



MODEL NOTES:

H23

The H23 is the most compact model that still offers all the flow and functionality of the larger models. Suitable for everything from dry flowables, to 10L and 20L containers, to bulk containers, this is the most compact 3" inductor system on the market. Water is simply pumped to the inlet of the H23 which provides the flow to; agitate and fill the tank, empty and rinse containers, power the dual inlet venturi, rinse the tank, and of course transfer water to your sprayer tank.

The Polywest exclusive dual inlet venturi comes plumbed to draw from your choice of the Handler tank or your bulk containers, directly into your sprayer fill line. The full 3" bypass line on the H23 is designed to handle the rigors of any pump with capacities of up to 280 GPM (1060 LPM) without any concern for pressure. Banjo's exclusive sweep elbows are used to eliminate as much line turbulence as possible.



MODEL NOTES:

H23P65

Utilizing sweep elbows to reduce corner turbulence, the H23P65 bypasses water to your sprayer with almost no drop in pump output. The Banjo 3" transfer pump (the proven 300PO) is powered by a Honda GX200 engine. Honda has tested this Handler configuration and as a result your Handler's Honda engine is covered by Honda Warranty at any authorized service centre in the world.

For periodic users of dry flowables, solubles, or AMS the Handler H23P65 is an ideal choice.

MODEL	INCHES			METERS			WEIGHT	
	L	W	H	L	W	H	LBS	KG
H22	35	33	41	0.9	0.8	1	120	54
H22RK	50	35	41	1.3	0.9	1	190	86
H22P55	50	35	41	1.3	0.9	1	190	86
H23	35	40	41	0.9	1	1	140	64
H23RK	56	40	41	1.4	1	1	210	95
H23P65	56	40	41	1.4	1	1	210	95

HANDLER III

The Handler III is available with 2" or 3" connections. The 70 gallon (275 liter) capacity of this unit allows the user to batch mix everything from liquids to dry flowable and powders, as well as directly induct chemical through a venturi while the sprayer is being filled.

The Handler III comes standard with the ability to draw directly from bulk containers using the Handler double venturi. The Handler III is available with or without an integrated pump and comes with the RotaCraft tank rinse nozzle to prevent contamination of products. It also has a standard single nozzle agitation system for mixing dry formulations



PART	DESCRIPTION
85-H32	HANDLER III - 2" CONNECTIONS
85-H32RK	HANDLER III - 2" CONNECTIONS, RECIRC KIT, BASE FRAME
85-H32P55	HANDLER III - 2" CONNECTIONS, RECIRC KIT, BASE FRAME, 2" 5.5HP PUMP
85-H33	HANDLER III - 3" CONNECTIONS
85-H33RK	HANDLER III- 3" CONNECTIONS, RECIRC KIT, BASE FRAME
85-H33P65	HANDLER III- 3" CONNECTIONS, RECIRC KIT, BASE FRAME, 3" 6.5HP PUMP
85-H33HD	HANDLER III- 3" - HEAVY DUTY, 100 PSI SPIKE ARRESTOR
85-H33HDP13	HANDLER III- 3" HD, 100 PSI SPIKE ARRESTOR, 13HP ELECTRIC START HONDA /W 3" HYPRO

MODEL	INCHES			METERS			WEIGHT	
	L	W	H	L	W	H	LBS	KG
H32	42	41	44	1.1	1	1.1	160	73
H32RK	56	41	44	1.4	1	1.1	230	104
H32P55	56	41	44	1.4	1	1.1	230	104
H33	42	44	44	1.1	1.1	1.1	180	82
H33RK	58	44	44	1.5	1.1	1.1	250	114
H33P65	58	44	44	1.5	1.1	1.1	250	114
H33HD	43	39	44	1.1	1	1.1	185	84
H33HDP13	58	44	44	1.5	1.1	1.1	290	132

Interested in more information on how The Handler works?
Check out our YouTube video!

SCAN ME

MODEL NOTES:

H32P55

After 20 years, the H32P55 remains one of the best selling models in the entire Handler lineup. A larger 70 US gallon tank allows for handling higher volumes of dry flowables and powders which can be easily mixed into solution with the integrated pump and closed loop recirculation. Full functionality includes: Handler tank filling and agitation, closed loop recirculation, dual inlet venturi draw from your choice of Handler tank or bulk containers, 10L & 20L container emptying and rinsing, tank rinsing, a wash line, and of course water transfer to the sprayer tank.

All the functionality with a larger tank, combined with cost effective 2" plumbing and pump, make the H32P55 a steady favourite on the farm.





MODEL NOTES:

H33

The H33 is the super-sized version of the popular H23. With its larger tank it is perfect for handling everything from dry flowables, to 10L and 20L containers, to bulk containers. Water is simply pumped to the inlet of the H33 which provides the flow to; agitate and fill the tank, empty and rinse containers, power the dual inlet venturi, rinse the tank, and of course transfer water to your sprayer tank. The Polywest exclusive dual inlet venturi comes plumbed to draw from your choice of the Handler tank or your bulk containers, directly into your sprayer fill line.

The full 3" bypass line on the H23 is designed to handle the rigors of any pump with capacities of up to 280 GPM (1060 LPM) without concern for pressure. Banjo's exclusive sweep elbows are used to eliminate as much line turbulence as possible. To ensure this larger tank size can be thoroughly cleaned, all H3 models incorporate the Rotacraft tank cleaning nozzle.

MODEL NOTES:

H33P65

The H33P65 has been the most popular on-farm model for many years.



The large 70 US gallon tank combined with the steep cone tank, agitation nozzle, and dual inlet venturi make this the most versatile of all Handlers. With capacity to agitate larger volumes of dry products the H33P65 is commonly found in areas where high volumes of AMS are used. Due to the larger tank size, a Rotacraft tank rinsing nozzle has been added to Handler III models to ensure proper cleanout when switching chemicals.

Designed specifically to work with a Banjo 3" polypropylene pump powered by a Honda GX200 engine, water bypass rates are accomplished with almost no reduction in flow to your sprayer.

MODEL NOTES:

H33HD

The H33HD has been designed specifically to work with new 3" pumps being made with flows in excess of 280 GPM (1060 LPM). At these flow rates, water in 3" plumbing moves in a fully turbulent motion and creates significant line pressures and risk of water hammer. Engine power requirements increase with these pumps and so does the need to match your chemical inductor properly. With a re-designed bypass line free of directional changes, the H33HD takes full advantage of your pump's flow potential. As a safety precaution against the higher operating pressures, the H33HD is also equipped with a pressure spike relief valve to prevent water hammer damage.

Maximize the performance of your high volume 3" pump without sacrificing safety by using the purpose built H33HD. Your Handler dealer will be glad to help determine when the H33HD is the right Handler for you.

MODEL NOTES:

H33HDP13

The H33HDP13 utilizes Hypro's 3" polypropylene pump and the proven Honda GX390 (13hp) engine complete with electric start. Sprayer fill time is minimized with Handler bypass flow rates of 440 GPM (1667 LPM) thanks to the Hypro pump and our HD purpose built plumbing. 3" flow rates this high create higher operating pressures and the H33HDP13 is designed to handle them. The pressure spike relief valve eliminates any risk of water hammer which ensures operator safety along with protecting your equipment.

Even though the plumbing arrangement is different from other HII and HIII Handlers, the H33HDP13 maintains all of the functionality you've come to expect in a Handler: sprayer filling, container emptying and rinsing, venturi based bulk chemical induction, tank emptying with venturi or direct pump draw, closed loop circulation and agitation, and a wash line.



HANDLER IV



H43P65V

The Handler IV is the king of batch induction systems with its larger liquid volume and incredible agitation capability. The H43P65V comes complete with a total drainage tank, Banjo 3" pump, a dual port venturi for bulk chemical induction, twin agitation lines, two 16" hinged lids (one with the Handler knife and one without), container and tank rinsing nozzles, a 4-way forkliftable steel frame, and a pump containment tray. Using closed loop recirculation through the exclusive dual port venturi, this model is able to induct bulk chemical into the Handler tank without your sprayer needing to be there! Whether it is high volumes of liquid pesticides or large amounts of dry flowables needing to be agitated, a HandlerIV can do it all before your sprayer is back to be filled.

Dry AMS (ammonium sulfate) users may be interested in even more agitation. The similar model H43P65 replaces the venturi with a second 2" full port agitation line and provides agitation strong enough to dissolve even AMS that is not spray-grade.

PART	DESCRIPTION
85-H43RKV	HANDLER IV – RECIRCULATION W/ VENTURI
85-H43P65	HANDLER IV - 3" CONNECTIONS, 3" 6.5 HP PUMP
85-H43P65E	HANDLER IV W/ 6.5 HP ELECTRIC START PUMP
85-H43P65V	HANDLER IV- 3", PUMP, HONDA GX200 DUAL INLET VENTURI
85-H43P13	HANDLER IV W/ 13HP ELECTRIC START PUMP

MODEL	INCHES			METERS			WEIGHT	
	L	W	H	L	W	H	LBS	KG
H43 (ALL)	72	47	50	1.8	1.2	1.3	525	238



THE HANDLER

MODEL NOTES:

H43P13V

Taking advantage of the new high-volume pumps available today, the H43P13V reduces sprayer fill time yet again. With bypass rates of 350 GPM made possible by the 3" Hypro polypropylene pump, this is the fastest HandlerIV yet. In addition to the increased bypass speed, the pump provides higher pressures and creates even greater agitation than the H43P65V. Using closed loop recirculation through the exclusive dual port venturi, this model is able to induct bulk chemical into the Handler tank without your sprayer needing to be there! Whether it is high volumes of liquid pesticides or large amounts of dry flowables needing to be agitated, a HandlerIV can do it all before your sprayer is back to be filled.

The Honda GX390 engine comes standard with an electric start. Instructions on proper cabling are included for connection to your own battery or 12V power source. Even if your power is down, Honda's trademark easy-starting engines with built-in decompression can be started with the manual recoil.



BULK METERING SYSTEMS FOR HANDLER II AND III

PART	DESCRIPTION
86-HMK-FM300HL8N	HANDLER BULK METERING KIT- 1" GPI METER
86-HMK-MFM100	HANDLER BULK METERING KIT- 1" BANJO METER
86-HMK-MFM220	HANDLER BULK METERING KIT- 2" BANJO METER
86-H2-3PMK2M	HANDLER PUMP MOUNT FITTING PACKAGE- 2"
86-H2-3PMK3M	HANDLER PUMP MOUNT FITTING PACKAGE- 3"
86-HMK-DP3000E	HANDLER BULK METERING KIT- 1" DURAMETER (EPDM)
86-HMK-DP3000V	HANDLER BULK METERING KIT- 1" DURAMETER (VITON)
86-HYB3	HANDLER II & III 3" BYPASS FITTINGS KIT



86-HYB3

THE HANDLER

HANDLER VENTURI COMPONENTS

PART	DESCRIPTION	HANDLER MODEL
85-HV150	1 1/2 INCH HANDLER COMPONENT VENTURI	HANDLER I
85-HV150FLA	1 1/2 INCH FLANGED HANDLER COMPONENT VENTURI	HANDLER I
85-HV200	2 INCH HANDLER COMPONENT VENTURI	HANDLER II & III
85-HV200FLA	2 INCH FLANGED HANDLER COMPONENT VENTURI	HANDLER II & III
85-HV200X2FLA	2 INCH FLANGED DUAL INLET VENTURI	HANDLER III
135542	10 MM VENTURI	CHEM MANAGER
135543	13 MM VENTURI	CHEM MANAGER



85-HV150



85-HV150FLA



85-HV200



85-HV200FLA



85-HV200X2FLA



135542



135543

CHEMWASH - EMERGENCY WASH KIT

- Made of rugged, heavy-duty polyethylene construction for years of reliable use.
- Convenient storage compartment is perfect for extra safety gloves and goggles.
- Steel mounting cradle allows wash kit to easily attach to any applicator

PART	DESCRIPTION
CW/Y	COMPLETE CHEMWASH EMERGENCY WASH KIT
AC-FU-ELCB	REPLACEMENT CAP
AC-CW-PKIT	CHEMWASH REPAIR KIT



Perfect for agricultural or industrial applications, the CHEMWASH Emergency Wash Kit has a large 25.5 liter (6.75 US Gallon) reservoir to provide a source of fresh water on-site.

The Chemwash Kit can be easily welded or bolted onto any applicator or piece of equipment using the heavy duty steel cradle. The included breakaway hose allows for fast, gravity-fed access to clean water for emergency rinsing, or use the spigot for controlled flow.

Each CHEMWASH Emergency Wash Kit comes complete with spigot, breakaway hose, all fittings, painted steel mounting cradle and dust cover for glove/goggle compartment. Created using high-strength polyethylene, the CHEMWASH Emergency Wash Kit will provide you with years of reliable and maintenance free use.

FLOW METERS



GPI FM300 ELECTRONIC FLOW METER

- Replaceable 9V battery.
- Flow Range: 7 to 75 litres per minute.
- Factory calibrated to +2%; may be field calibrated to +1/2%.
- Allows for record keeping with two totals: Batch or Cumulative.
- All electronic components sealed from fluid path and from outside moisture.
- More accurate with more liquids in more conditions than any comparable meter.
- Positive displacement nutating disc design ensures consistent and accurate measurement.



PART	DESCRIPTION
FM-300H-L8N	GPI ELECTRONIC FLOW METER LPM

BANJO FLOW METERS

Banjo flow meters are available in 1", 2" and 3" sizes in both manifold and threaded variations. Please contact your Polywest representative for more information on these and all other Banjo parts.

FLOW METER FEATURES INCLUDE:

- The display reads 6 digits for Rate, 8 digits for Total and 1 decimal place reading in tenths.
- Magnetic style meter with stainless steel electrodes.
- Displays overall total volume & batch total volume!
- Flow rate allows for Gallons or Liters Per Minute.
- Measures water and most conductive liquids.
- Accuracy is 99% from 30 to 300 GPM.
- Temperature range from 0°F to 150°F.
- Easy to change six (6) AA batteries.
- No moving parts to fail during use.
- Glass-reinforced polypropylene.
- Self calibrating meter.



PART	DESCRIPTION
26-MFM100	1" FP DIGITAL METER PUMP ACCESSORY FLOW METER
26-MFM220	2" FP DIGITAL METER PUMP ACCESSORY FLOW METER
26-MFM300	3" DIGITAL METER PUMP ACCESSORY FLOW METER

FLOW METERS

DURA METER

Dura Products specializes in the manufacture of digital agricultural chemical meters and mini-bulk transfer pumps.

Dura Products' pumps, meters and load-stations offer the best solution for consumers wishing to transfer chemicals and liquids from totes, 55-gallon drums, and other liquid storage containers. With a design philosophy to produce best in class performance with ease of calibration coupled with the industry's longest equipment warranty (2 years), Dura Products was founded by owners who have been in the farming industry in many capacities.

Having spent many years developing expertise in servicing pumps and meters for major manufacturers such as Sotera, SHURflo and Flowserve, Dura Products was able to identify specific improvements in equipment design to bring to the manufacture of pump and meter equipment. Dura Products is an American-owned company who manufactures their products in Arcadia, Indiana.



DURA PRODUCTS
Technology with Lasting Value

DURA-METER

The Dura-Meter™ features a moisture-sealed construction so the electronic circuit is impervious to moisture. The meter features Calibration Quick-List which allows the user to choose from a list of commonly used products and selected temperatures to automatically calibrate the meter.

The Dura-Meter™ also allows for easy manual calibration when you dispense to a calibrated container and adjust to the amount pumped. Designed for durability the robust poly-housing with multiple mounting capabilities allowing the meter to be securely mounted to avoid damage.

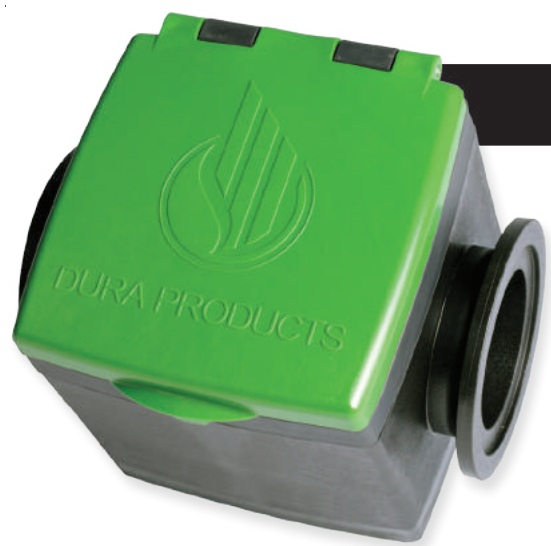


PART	DESCRIPTION
DP-3000V	DURA-METER, 1", VITON®

KEY FEATURES

- Powered by AAA batteries
- Calibration is (+/-) 0.5%
- Features 2 Year Service Warranty plan
- Battery Strength Indicator & Easy-to-Use Menu
- Plumbed both for inline and 90 degree applications
- Robust poly-housing with multiple mounting capabilities
- 100% moisture sealed circuitry makes meter impervious to water intrusion
- Extended battery life with use of 4 "AAA" batteries, rather than two.
- Faceplate overmolded with santoprene and filled with gel for improved shock resistance.





DURA PRODUCTS

2" & 3" HIGH-FLOW DURA-METER™

- Intuitive menu-driven backlit display
- Impact resistant Lexan™ faceplate
- 100% Moisture-sealed circuitry
- Multiple plumbing options
- Includes a 2-year Warranty & Maintenance Program



Moisture sealed circuitry.



SPECIFICATIONS		
Nominal Size	2"	3"
Connection	M220 Flange	M300 Flange
Model	Dura HFM 2	Dura HFM 3
Batteries	(2) 9 Volt	(2) 9 Volt
Accuracy	+ / - 0.5%	+ / - 0.5%
Backlit Display	Yes	Yes
GPM	15 - 300	15 - 700
Maximum Pressure	150 PSI	150 PSI
Wetted Materials	GF Polypropylene, Viton®, EPDM or Silicone seal, Sapphire	GF Polypropylene, Viton®, EPDM or Silicone seal, Sapphire

Special Features

- Easily serviced
- Extended battery life with use of (2) 9V batteries
- Fluid flow initiates measurement
- Versatile plumbing configurations
- Displays batch and total volume
- Gallons / Liters flow rate measurement

ORDERING INFORMATION	
2"	DP-HFM2V VITON®
3"	DP-HFM3V VITON®

2" AND 3" HIGH-FLOW DURA-METER™ SPECIFICATIONS

DURA-ABV™

Auto-Batch Herbicide Meter

Automation Made Easy

AUTOMATE YOUR AG CHEMICAL MIXING SYSTEM WITH THE DURA-ABV™-B HERBICIDE METER AND BANJO MEVX



ORDERING INFORMATION

DURA-ANV-B

DURA METER WITH 1 AUTO BATCH CONNECTOR
CABLE FOR EVX VALVE 12V, VITON

MEVX100B

1" MEVX 3/4 SEC WWC 3W

The DURA-ABV™-B Auto-Batch Meter connects with the BANJO MEVX® 100B for Automation Made Easy. Ideally suited with venturi driven ag chemical mixing systems, the DURA-ABV™-B Auto-Batch Meter is available in Threaded or Manifold. Can be sold as a complete system or individually priced. Automate your chemical transfer system in a way that is simple, smart, and economical. Simply join the factory installed electric connectors, then plumb the valve to the Auto-Batch. This smart solution offers real-time valve LED performance feedback and inventory management. The female manifold flange connection offers plumbing options. Save up to five calibrations and measure in gallons, liters, and ounces. Meter features a back-lit LCD Display.

DURA-ABS™

AUTO-BATCH SYSTEM

PRODUCT SPECIFICATIONS



Operating Temp	-10°F to 130°F
Flow Rate	Up to 15GPM
Meter Accuracy	+/- .5%
Backlit LCD Display	Yes; with back-light timeout
Max Pressure	40 psi
Pump Ports	In: 1" FNPT x 2" MNPT; Out: 1" FNPT
Units Measured	Gallons / Liters / Ounces
Chemically Resistant	Yes, EPDM, Viton® or Silicone seals
Calibration	Preset, Quick List or Manual
Mounting Range	Fixed or In-line
Vibration / Shock Resistant	Yes
EPA Compliant	Yes, 165.45

ORDERING INFORMATION

DPABS-6318V-12

VITON® 12 VOLT

DPABS-6318V-110

VITON® 110 VOLT

DURA-PUMP EASY CADDY WITH METER

The Dura-Pump Easy-Caddy Frame Assembly provides the ability to quickly attach the pump system to the frame of the IBC/cage tank. The system includes a 1" X 12' EPDM discharge hose, 1" X 18" EPDM suction hose, 2" cam lock, with hose barbs and hose clamps, and ball valve nozzle. The pump is self priming, can be run dry without damage, has an internal bypass, and is easily field repairable.



PART	DESCRIPTION
DPEM-6318V-12	DURA-PUMP EASY CADDY W/ DURA-METER, 12V, VITON

KEY FEATURES

- Pumps up to 55 LPM
- Extremely easy to carry
- Easily attaches to IBC frame
- For use with agricultural chemicals
- Versatile pump mounting capabilities
- Ability to handle low and high viscosity liquids
- Self priming diaphragm pump with internal bypass
- 12 Volt DC motor (also available with 110 V AC motor)



DURA PRODUCTS
Technology with Lasting Value

PART	CATEGORY	DESCRIPTION
DPEM-6318V-12	AG	DURA-PUMP EASY CADDY W/ DURA-METER,12V, VITON
DPEM-6318V-110	AG	DURA-PUMP EASY CADDY W/ 1DURA-METER,110V, VITON
DPE-6018V-12	AG	DURA-PUMP EASY CADDY, 12V, VITON
DP-3000V	AG	DURA-PRODUCTS HERBICIDE METER, 1", VITON
DP-HFM2V	AG	DURA-PRODUCTS HERBICIDE METER, 2", HIGH FLOW VITON
DP-HFM3V	AG	DURA-PRODUCTS HERBICIDE METER, 3", HIGH FLOW VITON
DP-6018V-12	AG	DURA-PRODUCTS HERBICIDE PUMP, 12V, VITON
DP-6018V-110	AG	DURA-PRODUCTS HERBICIDE PUMP, 110V, VITON
DP-P6017A-V	AG	DURA-PUMP CARTRIDGE W/O-RING AND BOTTOM GASKET, VITON
DP-G4001A-V	AG	DURA-PUMP GASKET KIT, VITON O-RINGS, BOTTOM & BYPASS GASKET
DPABS-6318V-12	AG	DURA-PUMP EASY CADDY W/ METER- AUTO BATCH SYSTEM - 12V- VITON
DPABS--6318V-110	AG	DURA-PUMP EASY CADDY W/ METER- AUTO BATCH SYSTEM - 110V- VITON
DPAB-12V	AG	DURA-METER- W/ AUTO BATCH - 12V- VITON
DEFE-6018ME-12	DEF	DEF EASY CADDY, MANUAL NOZZLE, 12V
DEFE-6018ME-110	DEF	DEF EASY CADDY, MANUAL NOZZLE , 110V
DEFE-6518ME-12	DEF	DEF EASY CADDY TOP SUCTION, 12V, MANUAL NOZZLE
DEFE-6518AE-12	DEF	DEF EASY CADDY TOP SUCTION, 12V, AUTO NOZZLE
DP-3000D	DEF	DURA-PUMP DEF METER, 1"
DP-P6017A-D	DEF	DURA-PUMP REPLACEMENT CARTRIDGE- DEF

GPI CHEMICAL GEAR PUMP & OPTIONAL METER

The GPI P-200H has long been the farmer's workhorse when it comes to transferring ag chemicals. With flow rates up to 30 LPM, the P-200H can transfer almost any medium to thick viscosity chemical easily and reliably.

MODEL	P-200H / PA-200H
VOLTAGE & TYPE	12 VOLT / 115 VOLT DC GEAR PUMP
FLOW RATE	UP TO 30 LPM (8 US GPM)
DUTY CYCLE	30 MIN. ON / 30 MIN. OFF (CYCLE WILL VARY WITH VISCOSITY AND TEMPERATURE)
POWER CORD	4.6M (15 FT)
NOZZLE	INCLUDED AS PART OF THE ASSEMBLY (ASSY)
HOSE	INCLUDED AS PART OF THE ASSEMBLY (ASSY)
MOTOR PROTECTION	20 AMP INLINE FUSE (SUPPLIED)
USAGE	MEDIUM / THICK CHEMICALS (10 TO 450 CENTIPOISE VISCOSITY) DO NOT USE WITH GASOLINE, DIESEL FUEL OR MICRO-ENCAPSULATED CHEMICALS
APPROVALS	CSA CERTIFIED
WARRANTY	2 YEAR



Shown as optional
Assembly



PART	DESCRIPTION
P-200H-TAP	12 VOLT MEDIUM TO HIGH VISCOSITY HERBICIDE PUMP AND FRAME
P-200H-TAP-ASSY	12 VOLT MEDIUM TO HIGH VISCOSITY HERBICIDE PUMP COMBO (INCLUDES FRAME, HOSE, DISCHARGE VALVE AND FLOW METER ASSEMBLY)
PA-200H-TAP	115 VOLT MEDIUM TO HIGH VISCOSITY HERBICIDE PUMP AND FRAME
PA-200H-TAP-ASSY	115 VOLT MEDIUM TO HIGH VISCOSITY HERBICIDE PUMP COMBO (INCLUDES FRAME, HOSE, DISCHARGE VALVE AND FLOW METER ASSEMBLY)
FM-300H-L8N	12 VOLT METER ONLY



DURA-PUMP™ DEF

PRODUCT SPECIFICATIONS



Check Valve	Internal; EPA 165.45 compliant
Vertical Suction Lift	Self-priming to 10ft
Power Cord	12 Volt:20ft; 110 Volt: 6.5ft
Pump Type	Self-priming, Positive Displacement Diaphragm pump
Motor	1/4 HP
Amps	12 Volt:18.5; 110 Volt: 2.0
Suction Port	2" Male and 1" Female NPT thread
Discharge Port	1" Female NPT thread
Temperature	Max: 130 degree; Min: -15 degrees
Flow Rate	Max: 10GPM
Discharge Pressure	Max: 22psi
Motor Enclosure	Sealed; EPDM
Run-Dry Capability	Yes
Run Time	30 Minute Duty Cycle
Thermal Overload Protection	Yes
Upper Housing	Polypropylene
Bottom Housing	Polypropylene
Chemically Resistant	Yes
Fluid	Non-flammable
Construction Material	Polypropylene; 304 Stainless Steel
Wetted Material	Polypropylene; Santoprene (Shore 73); 304 Stainless Steel; EPDM Seals
Cartridge	Polyphenylene Sulfide
Diaphragm	1; Santoprene
O-Ring	EPDM
Valves	Stainless Steel
Bung Adapter Size	2" NPT
Weight	14 lbs
Length	12 Volt: 14-1/4"; 110 Volt: 15-1/2"
Auto-Shut Off	Yes; optional for 110 Volt
ISO22241-3 Compliant	Yes

- High-Flow pump with up to 15GPM free flow rate and 10+GPM with 3/4" discharge hose and nozzle
- Self-priming diaphragm pump with internal bypass
- Motor thermally protected from overheating
- 30 minute duty cycle
- Suction ports have 2" Male NPT and 1" Female NPT
- Pump is easily field serviceable
- 10 minute shut-off option available (110V only)
- Features 2 Year Service Warranty plan
- Includes 2 Year Maintenance Program

DEF-6018E12 12 volt | DEF-6018E-110 110 volt



DURA PRODUCTS
Technology with Lasting Value

GAS POWERED POLYPROPYLENE PUMPS

1-1/2", 2" and 3" Polypropylene pumps are a cost effective and reliable alternative to cast aluminum and cast iron pumps and are preferable in many corrosion pumping applications.



BANJO PUMPS

- Self priming
- Precision molded construction- increased strength
- Corrosion resistance- for a wider variety of liquids
- Low maintenance- results in less down time
- Lightweight- very portable
- Superior design to other polypropylene pumps
- Better performance
- EPDM standard, FKM and Buna N seals available- the right seal for the liquid being moved

PART	SIZE (IN)	ENGINE	MAX GPM
60-55020	2	HONDA GC160	216
60-55520-OA	2	HONDA GX160	216
60-56520-OA	2	HONDA GX200	216
60-5552M-OA*	2	HONDA GX160	216
60-55530-OA	3	HONDA GX160	293
60-56530-OA	3	HONDA GX200	293
60-5653-OA	3	HONDA GX200	293
60-5653M-OA*	3	HONDA GX200	293
86-56530-OAW	3	SUPER B PUMP 6.5	293

*Pump has Banjo 220 series manifold inlet and outlet. Contact us for 6.5 HP GX200 configuration.

BANJO WET SEAL PUMPS

The NEW Wet Seal 2" and 3" Banjo polypropylene pumps gives the needed dry-run capabilities to users who risk burning out their pumps seals by running their pumps dry. The pump lubricates and cools the mechanical seal, preventing pump failure that can result in expensive repairs and possible engine damage.



PART	SIZE (IN)	ENGINE	GPM
60-55520-OAW	2	HONDA GX160	216
60-56530-OAW	3	HONDA GX200	293
26-300POW6	3	WET END SEAL PUMP KIT ¾	

PACER PUMPS

- Self priming
- Excellent durability, strength and resistance to chemicals & fertilizer. 200°F maximum temperature
- ALL metal fasteners are made of Stainless Steel
- EPDM O-rings and seals
- Powered by Honda GX & GC Series Engines for the highest level of reliability
- PROTEK engine protection kits available for the fertilizer industry

PART	SIZE (IN)	ENGINE	MAX GPM
PP77004	2	HONDA GC160	250
PP77003	2	HONDA GX160	250
PP77005	3	HONDA GX160	300
PP77006	3	HONDA GX200	300
62-50000HD	HEAVY DUTY PUMP FRAME		
62-50000ZR	PUMP ACCESSORY MOUNTING RAILS		

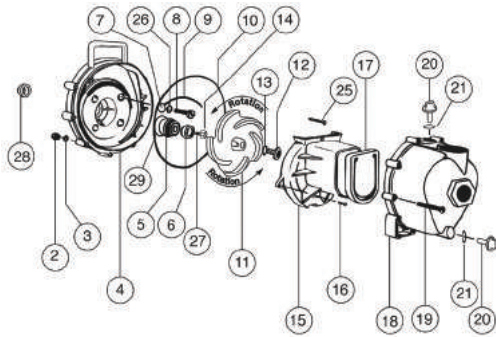
PACER PROTEK SELF DEFENSE KIT

- An adapter that provides separation between the pump and the engine.
- Oversized slinger to prevent any liquid from contacting the engine
- Extra large weep hole.
- Large cavity to handle even the most catastrophic seal failure.
- Available as a retrofit kit or as original equipment on new pump orders



PART	SIZE (IN)	ENGINE	GPM
PP77004-P	2	HONDA GC160	250
PP77003-P	2	HONDA GX160	250
PP77005-P	3	HONDA GX160	300
PP77006-P	3	HONDA GX200	300
58-0015	PROTEK RETRO KIT ONLY		

BANJO POLYPROPYLENE PUMP PARTS



UNIVERSAL POLYPROPYLENE PUMP REPAIR KIT

PART	DESCRIPTION
62-59999	Special repair kit contains parts to repair rear seal leaks in most polypropylene pumps. All rubber parts are EPDM. Kit contents include shaft seal assembly (5 & 6), O-ring screw head (7), O-ring segment (9), prime/drain plug O-ring (21), impeller bolt gasket (13) and shaft slinger (28).

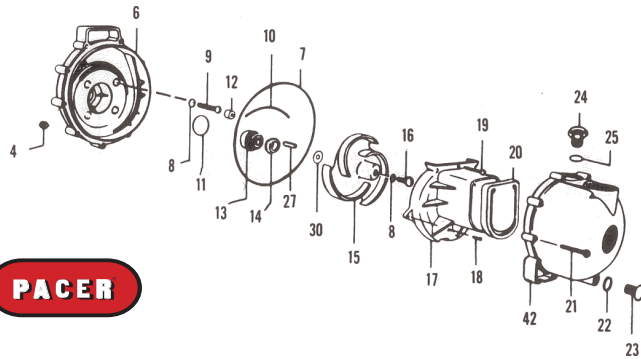
BANJO POLYPROPYLENE PUMP PARTS LIST

NO.	DESCRIPTION	PER PUMP	1 1/2 IN PUMPS	2 IN PUMPS	3 IN PUMPS
2	BODY NUTS SS	10	25-V07019	25-V07019	25-V07019
3	LOCK WASHER SS	10	25-V07018	25-V07018	25-V07018
4	POLY PUMP REAR BRACKET	1	26-12703A	26-12703A	26-12703A
5 & 6	SEAL ASSEMBLY*+	1	26-12713	26-12713	26-12713
	SEAL ASSEMBLY (FKM)*+	1	26-12713V	26-12713V	26-12713V
7	SCREW HEADS "O" RING*+	4	26-12717	26-12717	26-12717
	SCREW HEADS "O" RING (FKM)*+	4	26-12717V	26-12717V	26-12717V
8	BRACKET SCREWS SS	4	26-12715A	26-12715A	26-12715A
9	O-RING SEGMENT*+	1	26-12754	26-12754	26-12754
	O-RING SEGMENT (FKM)*+	1	26-12754V	26-12754V	26-12754V
10	BODY O-RING*+	1	26-12719A	26-12719A	26-12719A
	BODY O-RING (FKM)*+	1	26-12719AV	26-12719AV	26-12719AV
11	3 VANE POLY PUMP IMPELLER+	1	26-12771A	26-12771A	-
	5 VANE POLY PUMP IMPELLER+	1	-	26-12772	-
	4 VANE POLY PUMP IMPELLER+	1	-	-	26-13772
12	IMPELLER BOLT SS	1	26-12765A	26-12765A	26-12765A
13	IMPELLER BOLT GASKET*+	1	26-12774VA	26-12774VA	26-12774VA
14	IMPELLER HEX NUT	1	26-12775A	26-12775A	26-12775A
15	POLY PUMP VOLUTE	1	26-12702A	26-12702A	26-13702
16	VOLUTE SCREWS SS	2	26-12725	26-12725	26-12725
17	POLY PUMP CHECK VALVE+	1	26-12705	26-12705	26-12705
	POLY PUMP CHECK VALVE (FKM)+	1	26-12705V	26-12705V	26-12705V
18	POLY PUMP BODY ASSEMBLY	1	26-12711A	26-12712A	26-13712
19	BODY SCREWS SS	10	26-12720	26-12720	26-12720
20	PRIME / DRAIN PLUG	2	26-12777	26-12777	26-13777
21	PRIME / DRAIN PLUG O-RING*	2	25-UV15163	25-UV15163	26-13778
	PRIME / DRAIN PLUG O-RING*	2	25-UV15163V	25-UV15163V	-
25	UPPER VOLUTE SCREW SS	1	-	-	26-12900
26	REAR BRACKET WASHER SS	4	26-12901	26-12901	-
27	IMPELLER KEY	1	26-12902A	26-12902A	26-12902A
28	POLY PUMP SLINGER*+	1	26-12716	26-12716	26-12716
29	O-RING FOR SEAL ASSEMBLY*+	1	26-12710	26-12710	26-12710
	O-RING FOR SEAL ASSEMBLY (FKM)*+	1	26-12710V	26-12710V	26-12710V
N/S	IMPELLER REMOVAL BOLT	1	26-12099	26-12099	26-12099

NOTES: Items marked with a * are included in a seal/O-ring kit.

Items marked with a + are included in a pump repair kit.

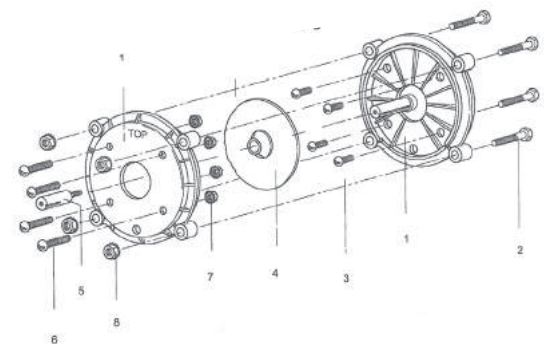
PACER POLYPROPYLENE PUMP PARTS



NO.	DESCRIPTION	2 IN PUMPS	3 IN PUMPS
-	REPAIR KIT FOR ALL PACER AND COMPETITOR PUMPS. Repair kit contains parts to repair rear seal leaks in Pacer and Competitor pumps. All rubber parts are EPDM. Kit contents include shaft seal assembly, O-ring screw head, O-ring segment, prime/drain plug O-ring, impeller bolt gasket and shaft slinger. (P-58-0074)	PP77105	PP77105
6	BODY BACK PLATE	58-0703	58-0703
7	BODY O-RING; EPDM	58-0719-72	58-0719-72
13	SHAFT SEAL; BUNA-N; 316 STAINLESS STEEL; CARBON/CERAMIC	58-0714-11	58-0714-11
13	SHAFT SEAL; EPDM; 316 STAINLESS STEEL; CARBON/CERAMIC	58-0714-12	58-0714-12
13	SHAFT SEAL; VITON; 316 STAINLESS STEEL; CARBON/CERAMIC	58-0714-14	58-0714-14
15	REPLACEMENT 5-VANE IMPELLER	58-0706	58-0706
15	REPLACEMENT 4-VANE IMPELLER	58-0975	58-0975
17	VOLUTE; FOR 5-VANE IMPELLER	58-0702	58-0702
17	VOLUTE; FOR 4-VANE IMPELLER	58-0977	58-0977
20	RUBBER CHECK VALVE; FLAPPER	58-0705	58-0705
23	DRAIN PLUG; 1/4 MPT	58-0723	58-0723
24	FILLER PLUG; 1/2 MPT	58-0722	58-0722
42	REPLACEMENT BODY; 2" PUMP	58-1002	
42	REPLACEMENT BODY; 3" PUMP		58-0755
-	BEARING PEDESTAL FOR PEDESTAL PUMP	58-0759	58-0759
-	PEDESTAL FOR HYDRAULIC DRIVE PUMP	58-1011	58-1011

PACER PROTEK PARTS LIST & PARTS

NO.	PART	DESCRIPTION	MATERIAL	QTY
1	58-1010 20	ADAPTER	NORYL	2
2	58-1569 10	SCREW, HEX CAP, 3/8-16 X 1-3/4	STAINLESS	4
3	58-0716 10	SCREW, 5/16-24 X 3/4	STAINLESS	4
4	58-1570 72	SLINGER	EPDM	1
5	58-1568 10	SHAFT EXTENSION, 3/4 X 2.0	STAINLESS STEEL	1
6	58-0789 10	SCREW, BRACKET, 5/16-18 X 1-1/4	STAINLESS	4
7	58-0745 10	KEP NUT, 5/16-18	STAINLESS	4
8	58-46244 10	KEP NUT, 3/8-16	STAINLESS	4
-	58-1893 01	LOCTITE TUBE	LOCTITE 271	1



HIGH VOLUME TRANSFER PUMPS



1543P-390EHSP



60-13M350POW

HYPRO PUMP

- 3" HYPRO PUMP
- Threaded Fittings
- 13 HP HONDA ENGINE W/ ELECTRIC START (Customer supplied battery & cables)
- Maximum 440 Gallons Per Minute
- Polypropylene housing is suitable for corrosive environments
- EPDM mechanical seal and inlet valve for longevity and reliability in most applications

BANJO PUMP

- 3" BANJO WET SEAL PUMP
- Manifold Flange Fittings
- 13 HP HONDA ENGINE W/ ELECTRIC START (Customer supplied battery & cables)
- Maximum 450 Gallons per minute
- FastFlow diffuser is a multiple channel volute that maximizes fluid flow
- Polypropylene housing is suitable for corrosive environments
- EPDM mechanical seal and inlet valve for longevity and reliability in most applications

RUN DRY WITH WET SEAL

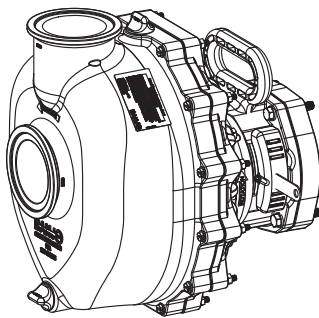
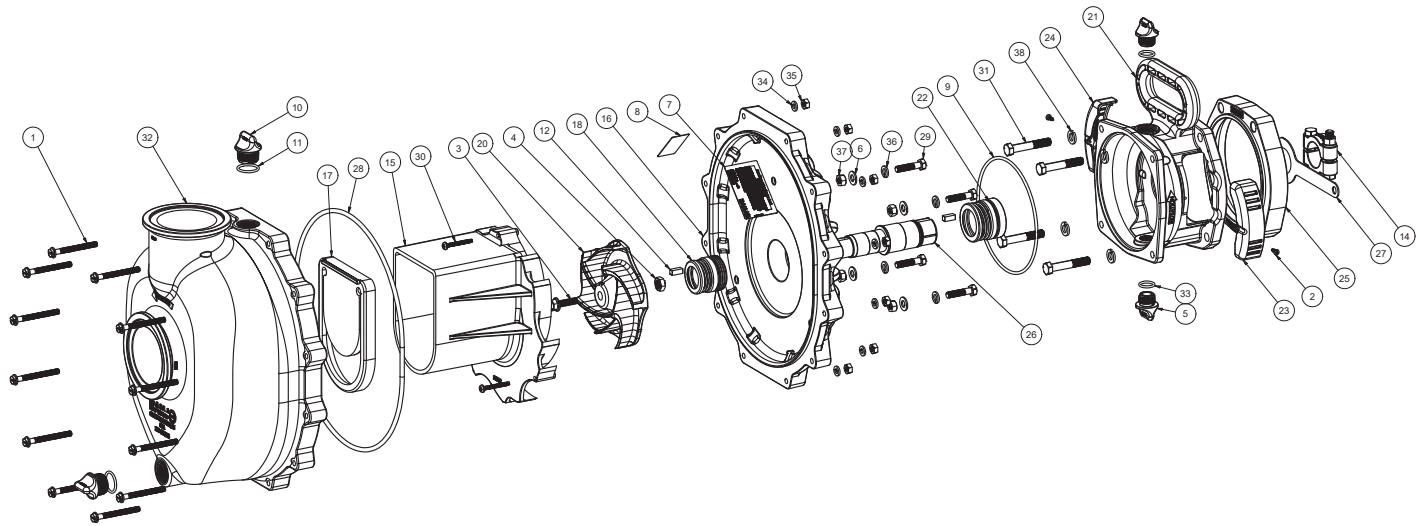
- Double seal contained in ethylene glycol reservoir
- This safeguards the pump when the liquid flow stops
- Fill seal reservoir with 50% Ethylene Glycol and 50% water
 - Seal failure will occur if not filled

PART	DESCRIPTION
1543P-390EHSP	3" HYPRO, C/W HONDA 13HP, ELEC START
1543P-F-390EHSP	3" HYPRO, HONDA 13HP, ELEC START - FLANGED INLET/OUTLET
1543P-390HSP	3" HYPRO, C/W HONDA 13HP, RECOIL START
3430-0692	PUMP WET END; 3" HYPRO, POLYPROPYLENE, FPT

PART	DESCRIPTION
60-13M350POW	3" BANJO /W FLANGED FTGS & WET SEAL, 13HP HONDA OIL ALERT
26-M350POW	3" WET SEAL PUMP KIT

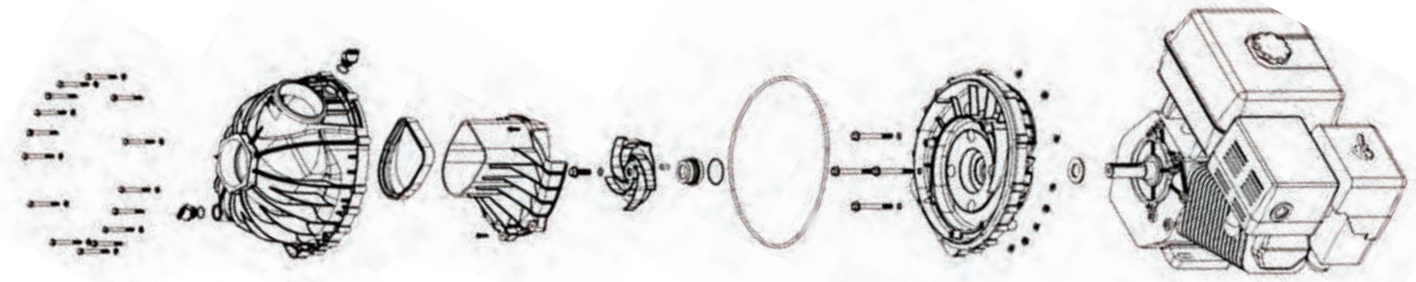


BANJO 3" WET SEAL PUMP KIT ONLY



Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	12	12720	1/4-20 X 2 1/2" SL IND HEX WASHER HEAD SCREW
2	2	12725	#6 X 1/2" PPH SMS
3	1	12765A	5/16-24 X 1 1/8" HFS
4	1	12775A	7/16-14 HEX NUT
5	2	12777	1/2" DRAIN PLUG
6	8 (4 SHOWN)	12901	5/16" FLAT WASHER
7	1	12910	PUMP WARNING LABEL
8	1	12911D	PUMP PSI DECAL
9	1	13719	AS568A -256 O-RING, EPDM, BLACK
10	2	13777	3/4" DRAIN PLUG, MOLDED
11	2	13778	AS568A -119 O-RING, EPDM, BLACK
12	2	16901SS	1/4" SQ. X 5/8" KEY 18-8 SS
13	4 (N/S)	17034	5/16-18 X 1-1/2" HHCS
14	1	18029	CLAMP
15	1	35002	M350 DIFFUSER
16	1	35004	M350 REAR BRACKET
17	1	35005	3" WET SEAL POLY PUMP CHECK VALVE
18	1	35013E	1.125" MECHANICAL SEAL, EPDM, INDIV BOX
19	2 (N/S)	35033	Z-RAIL FOR M350PH13W
20	1	35073	M350 5-VANE IMPELLER
21	1	35201	M350 WET SEAL RESERVOIR
22	1	35213E	1.375" MECHANICAL SEAL, EPDM, INDIV BOX
23	1	35246GL	LEFT SHAFT GUARD FOR M350P
24	1	35246GR	RIGHT SHAFT GUARD FOR M350P
26	1	35255A	3" WET SEAL POLY PUMP SHAFT ADAPTER FOR BEM15-100
27	1	35901	350 PUMP SEAL SPACING TOOL
28	1	A380E	AS568 #380 EPDM O-RING
30	3	B1014150TS	#10 X 1 1/2 THREAD FORMING SCREW, 18-8 SS
32	1	M35012	M350 MANIFOLD BODY
33	2	UV15163	AS568A -114 O-RING, EPDM, BLACK
34	12	V07018	1/4" LOCKWASHER
35	12	V07019	1/4"-20 S.S. HEX NUT
36	8 (4 SHOWN)	V10118	5/16" LOCKWASHER
37	8 (4 SHOWN)	V10119	5/16"-18 SS NUT
38	4	V20018	3/8" LOCKWASHER
29	4	B0516138	5/16-18 X 1 3/8" HHCS
31	4	BF207	3/8-16 X 2 1/4" HHCS
25	1	35248	M350 ENGINE SPACER

HYPRO TRANSFER PUMP



- Maximum GPM 440 with maximum 54 psi
- Polypropylene housing is suitable for corrosive environments
- EPDM mechanical seal and inlet valve for longevity and reliability in most applications

This pump is powered by a Honda GX390 (13HP) equipped with an electric start engine that you must connect to a battery.



PART	DESCRIPTION
1543P-390EHSP	PUMP; 3" HYPRO, C/W HONDA 13HP, ELEC START
1543P-390HSP	PUMP; 3" HYPRO, C/W HONDA 13HP, RECOIL START
3430-0692	PUMP WET END; 3" HYPRO, POLYPROPYLENE, FPT

Seal Repair Kit 3430-0757 contains:

(4) R ef. 3 O-ring, (1) Ref. 5 Mechanical Seal O-ring, (1) Ref. 17 Mechanical Seal, (1) R ef. 7 Impeller O-ring, (1) Ref. 10 Flapper, and (1) Ref. 16 Body O-ring.

Shim Kit 3430-0758 contains:

(3) 1430-0034 Impeller Shim (not shown)
(3) 1430-0035 Engine Shim (not shown)
May be required on engines other than PowerPro™

Ref # Torque Spec.

#4 10 ft.-lbs.
#8 10 ft.-lbs.
#12 45 in.-lbs.
#21 24 in.-lbs.

Pump Head Kit 3430-0692 Includes all items less the engine (Ref. 1).

Ref. No.	Qty.	Part No.	Description
1	1	2541-0057	13 HP Honda Engine, Electric Start
2	15	2250-0087	Hex Flange Nut
3	4	1723-0149	O-ring
4	4	2210-0182	Hex Flange Bolt
5	1	1723-0148	O-ring
6	1	1610-0069	Key (square)
7	1	1723-0142	O-ring
8	1	2210-0181	Hex Flange Bolt
9	1	0150-1543P	Pump Volute

Ref. No.	Qty.	Part No.	Description
10	1	1700-0232	Flapper Valve
11	1	0100-1543PK	Pump Housing
11	1	0100-1543PG	Pump Housing Green
12	15	2210-0141	Hex Head Cap Screw
13	15	2270-0115	Flat Washer
14	1	1410-0091	Slinger Ring
15	1	0750-1543PK	Back Plate
15	1	0750-1543PG	Back Plate Green
16	1	1723-0146	O-ring
17	1	2120-0055	Mechanical Seal
18	1	0400-1543P	Impeller
19	2	2404-0350P	Fill/Drain Plug
20	2	1720-0230	O-ring
21	4	2210-0183	Hex Washer Head Screw

HYDRAULIC & PEDESTAL POLYPROPYLENE PUMPS & PUMP KITS



BANJO HYDRAULIC PUMPS

PART	SIZE (IN)
26-200PHY	2
26-300PHY	3

BANJO PEDESTAL PUMPS

PART	SIZE (IN)	IMPELLER
26-150PB	1 1/2	3 VANE
26-200PB	2	3 VANE
26-205PB	2	5 VANE
26-300PB	3	4 VANE

BANJO WET ENDS - PUMP KIT ONLY

PART	SIZE (IN)	IMPELLER
26-150PO	1 1/2	3 VANE
26-200PO	2	3 & 5 VANE
26-300PO	3	4 VANE



PACER HYDRAULIC PUMPS

PART	SIZE (IN)
PP77040	2
PP77042	3

PACER PEDESTAL PUMPS

PART	SIZE (IN)
PP77070	2
PP77075	3
PP77080	BASEPLATE KIT

PACER WET ENDS - PUMP KIT ONLY

PART	SIZE (IN)
PP77030	2
PP77032	3

GAS POWERED CAST ALUMINUM PUMPS

Cast Aluminium Pumps for heavy duty applications where you need the durability of a metal pump!

- Honda engines- your choice of the proven GX Series (Overhead Valve) or the GC Series (Overhead Cam).
- Pumps have been approved by Honda Canada and carry Honda Canada warranty.
- "PBC" part numbers have a Hypro wet end, "PB" part numbers have a Waterite wet end



HONDA
ENGINES

2" = 125 US GPM 3" = 240 US GPM

PUMP SIZE	ENGINE (HONDA)	PART (WITH FRAME)	ITEM (WITHOUT FRAME)	PART (ELECTRIC START)	PART (FRAME AND ELECTRIC START)	OIL ALERT
2"	5.0 HP GC SERIES	PBC2HC5.0F	PBC2HC5.0	-	-	NO
2"	5.5 HP GX SERIES	PBC2HX5.5F	PBC2HX5.5	-	-	YES
2"	6.5 HP GX SERIES	PBC2HX6.5F	PBC2HX6.5	PBC2HX6.5-E	-	YES
3"	5.5 HP GX SERIES	PBC3HX5.5F	PBC3HX5.5	-	-	YES
3"	6.5 HP GX SERIES	PBC3HX6.5F	PBC3HX6.5	PBC3HX6.5-E	PBC3HX6.5F-E	YES

STAINLESS STEEL PUMPS

- Carbon ceramic seal consists of 316 stainless steel cup and spring with FKM elastomer
- All 316 stainless steel wettable internal components:- Impeller- Sleeve- Wear Plate- Fasteners
- 316 stainless steel housing
- Dynamic balanced impeller

PART	SIZE (IN)	ENGINE / STYLE
60-55520-SS	2	HONDA GX160
60-56520-SS	2	HONDA GX200
60-51130	3	HONDA GX340
60-51330-SS	3	HONDA GX390
26-200PB-SS	2	PEDESTAL MOUNT
26-300PB-SS	3	PEDESTAL MOUNT
26-200PO-SS	2	PUMP ONLY
26-300PO-SS	3	PUMP ONLY
60-200PHYSS	2	HYDRAULIC MOTOR
60-300PHYSS	3	HYDRAULIC MOTOR

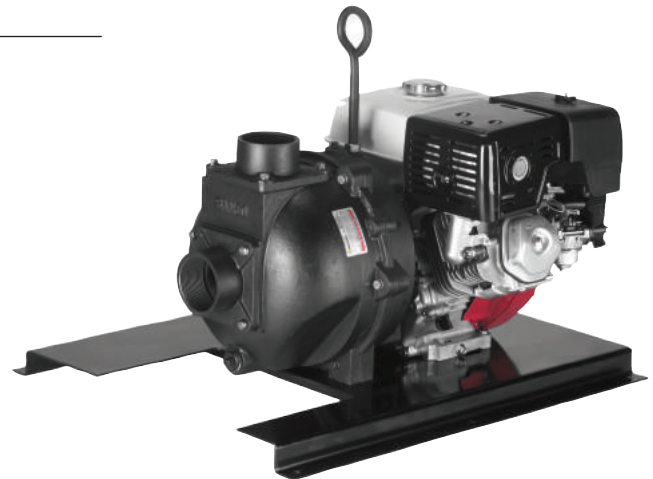


CAST IRON PUMPS

HIGH PERFORMANCE - NEW DESIGN - CAST IRON PUMPS

- Cast iron construction for rugged dependable service
- Replaceable inlet and outlet flanges
- Dynamic balanced impeller
- Graphite loaded silicon carbide seal
- Stainless steel cup and spring with FKM rubber
- High volumes- to 650 GPM

PART	SIZE (IN)	ENGINE / STYLE
60-55522	2	HONDA GX160
60-56522	2	HONDA GX200
60-51333	3	HONDA 13 HP
60-52444	4	HONDA V-TWIN 24 HP
60-50222-I	2	PEDESTAL MOUNT
26-333PBI	3	PEDESTAL MOUNT
26-444PBI	4	PEDESTAL MOUNT
26-222POI	2	PUMP ONLY
60-55H222	2	HYDRAULIC MOTOR



TRADITIONAL CAST IRON PUMPS

Fabricated using a design similar to the Banjo stainless steel pumps, traditional cast iron pumps are available in a variety of configurations.

Contact your Account Manager for more information.



- Dynamically balanced impeller.
- Replaceable inlet and outlet flanges.
- Carbon ceramic seal
- Stainless steel cup and spring with FKM (viton type) rubber.
- Cast iron construction for rugged dependable service.
- Stainless steel shaft sleeve to protect engine shaft.



HONDA ENGINES

You know the name, the reputation and the performance. Ideal replacement engines for pumps.

HONDA
ENGINES



PART	DESCRIPTION	SIZE (HP)
PP77208	GX160 HONDA W/ OIL ALERT	5.5
PP77207	GX200 HONDA OIL ALERT	6.5
PP77213	GX390 HONDA W/ OIL ALERT, ELECTRIC START	13.0

PUMP FRAME OPTIONS

PART	DESCRIPTION
62-50000	STANDARD ROLL CAGE
62-50000HD	HEAVY DUTY ROLL CAGE WITH RUBBER FEET
62-50000ZR	PUMP Z RAIL, EACH. TWO REQUIRED PER PUMP
LDB-SBR-RUBBER	3/8" THICK X 1" WIDE X 4" LONG RUBBER STRIP FOR PUMP MOUNTING



ELECTRIC POWERED POLYPROPYLENE PUMPS



PART	SIZE (IN)	ENGINE	COUPLING	PHASE	PART	SIZE (IN)	ENGINE	COUPLING	PHASE
60-43020-3V	2	BALDOR 3.0HP	DIRECT	1	PP77071	2	WIG 5.0HP	LONG	1
60-45020	2	BALDOR 5.0HP	LONG	1	PP77072	2	WIG 5.0HP	LONG	3
60-45030	3	BALDOR 5.0HP	LONG	1	PP77076	3	WIG 5.0HP	LONG	1
60-47530	3	BALDOR 7.5HP	LONG	1	PP77077	3	WIG 5.0HP	LONG	3

ALUMINUM PRESSURE PUMPS

- Pressures to 88 P.S.I. or 60 meters
- Capacities to 120 GPM
- 30 GPM at 75 P.S.I. and 100 GPM at 25 P.S.I.
- Strainer supplied with pump- to eliminate clogging
- 3/4" keyed shaft and changeable port design

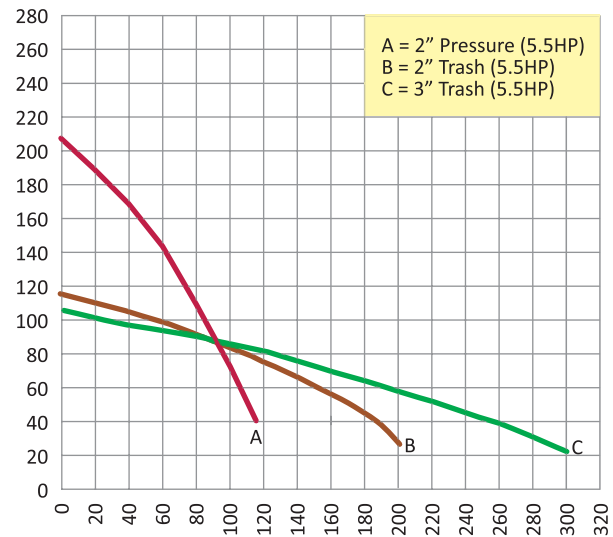
APPLICATIONS

- Irrigation
- Wash down
- Fire protection
- Filling and emptying in construction
- Agricultural, industrial, marine and home applications

PART	TYPE	SIZE (IN)	ENGINE	INCLUDES
60-55520-2P5	PRESSURE	2	HONDA GX160	TRASH STRAINER
27-200PO-2P5	PRESSURE	2	N/A (PUMP KIT ONLY)	TRASH STRAINER



HONDA
ENGINES



ALUMINUM TRASH PUMPS

- High volumes- 150, 300 & 530 GPM
- Capable of handling solids
 - 2" pumps- 1" solids
 - 3" pumps- 1-1/4" solids
 - 4" pumps- 2" solids
- Strainer supplied with pump to eliminate clogging
- Easy clean out
- 3/4" keyed shaft and changeable port design

APPLICATIONS

- Solids handling for excavations and manholes
- Cleaning
- Handling sewage and liquid manure
- Many agricultural, industrial and marine applications



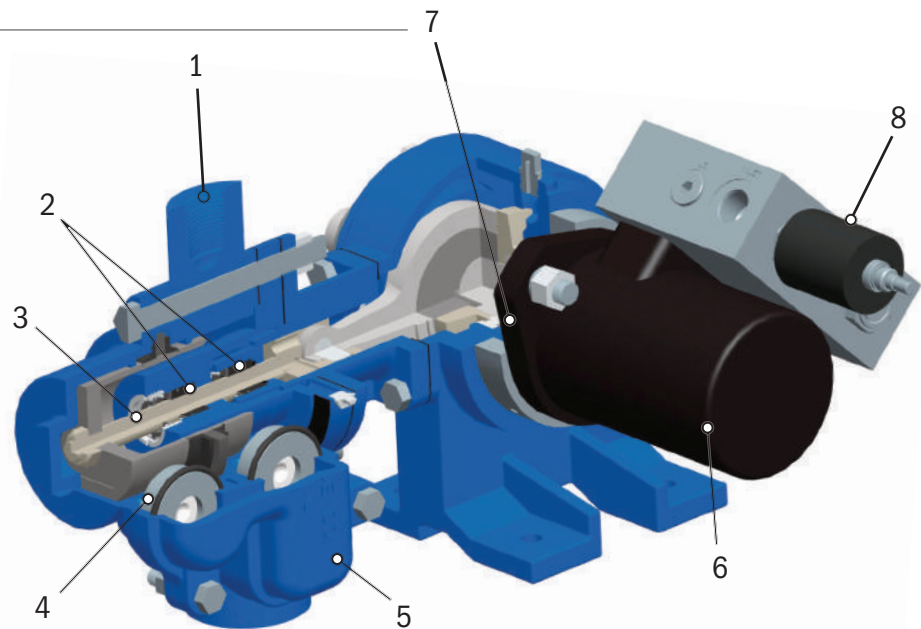
PART	TYPE	SIZE (IN)	ENGINE	INCLUDES
60-55520-2S5	TRASH	2	HONDA GX160	TRASH STRAINER
60-55530-3S5	TRASH	3	HONDA GX160	TRASH STRAINER
27-200PO-2S5	TRASH	2	N/A (PUMP KIT ONLY)	TRASH STRAINER
27-300PO-3S5	TRASH	3	N/A (PUMP KIT ONLY)	TRASH STRAINER
4S13XHR	TRASH	4	HONDA GX390	TRASH STRAINER



Piston Pumps (NGP)

NGP-6055-HY

All John Blue Ag Piston Pumps have been designed, engineered, and extensively field tested to set the standard for liquid metering pumps.

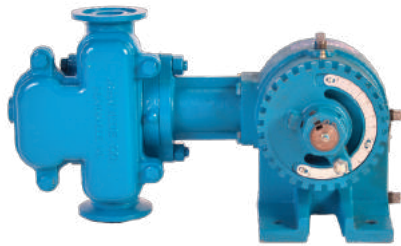


NEXT GENERATION PISTON PUMP FEATURES:



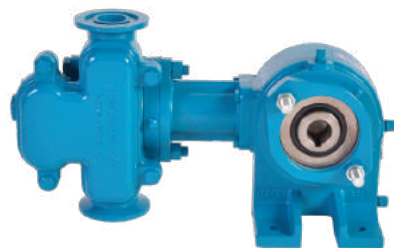
1. Inlet and Outlet Flanges make it easier to plumb your system and eliminate leaks with flange fittings. (Add -F after model number).
2. Double piston rod seals work in unison to offer multiple stage protection between the wet end and crankcase.
3. Outboard cylinder plunger packing can be inspected or replaced in the field without removing the hoses.
4. Check Valves are designed for positive seal, easy priming and long life.
5. Single Valve Cap provides easy access to check valves without removing the hoses. Simple to service in the field.
6. Common or Independent Manifolds are available on the double pumps. Independent manifolds allow for dual flow divider usage or half-width application.
7. Main Shaft Seals incorporate a dual wiper that is enclosed in a grease cavity to flush out contamination. This helps to extend the life of the pump.
8. Direct Hydraulic Drive Piston Pumps are available along with standard Ground Drive (DRV) and Variable Rate Hydraulic Drive Kits (VRH).

Piston Pumps (NGP)



NGP-4055-F SERIES

Single Piston - Double Acting	Rated Speed - 450 RPM
Stroke - Variable	Inlet - 1" Inlet, 200 series flanges standard
Rated Flow - 10.2 GPM	Outlet - 1" Inlet, 200 series flanges standard
Rated Pressure - 120 PSI	Clutch - No Clutch



NGP-4055-HYF (HYDRAULIC DRIVE PISTON PUMP)

Single Piston - Double Acting	Rated Speed - 550 RPM
Stroke - Fixed	Inlet/Outlet - 1" inlet, 200 series flanges standard
Rated Flow - 10.2 GPM	Rated Pressure - 120 PSI
Accepts SAE A 2-bolt hydraulic motor with 1" shaft	

HYDRAULIC MOTOR/PWM MANIFOLD KITS AVAILABLE:

116205-91:	Flow-thru style manifold
116205-91D:	Dead-head style manifold

Rows	Swath in Inches		NGP-4055-F Application Range in GPA at 5 MPH			
			30 Inch Spacing		36 Inch Spacing	
	30	36	Min	Max	Min	Max
4	120	144	4.5	101.0	3.7	84.2
8	240	288	2.2	50.5	1.9	42.1
12	360	432	1.5	33.7	1.2	28.1
16	480	576	1.1	25.2	0.9	21.0
24	720	864	0.7	16.8	0.6	14.0
36	1080	1296	0.5	11.2	0.4	9.4

All calculations based on ground speed of 5 MPH. Rated Flow Based on 12 lbs. per gallon fertilizer.



NGP-5055-DRF SERIES

Double Piston - Double Acting	Rated Speed - 450 RPM
Stroke - Variable	Inlet - 1" Inlet, 200 series flanges standard
Rated Flow - 20.4 GPM	Outlet - 1" Inlet, 200 series flanges standard
Rated Pressure - 120 PSI	Clutch - No Clutch

Rows	Swath in Inches		NGP-5055-DRF Application Range in GPA at 5 MPH			
			30 Inch Spacing		36 Inch Spacing	
	30	36	Min	Max	Min	Max
4	120	144	9.2	207.9	7.7	173.3
8	240	288	4.6	104.0	3.9	86.6
12	360	432	3.1	69.3	2.6	57.8
16	480	576	2.3	52.0	1.9	43.3
24	720	864	1.5	34.7	1.3	28.9
36	1080	1296	1.0	23.1	0.9	19.3

All calculations based on ground speed of 5 MPH. Rated Flow Based on 12 lbs. per gallon fertilizer.



Piston Pumps (NGP)



NGP-5655-ARF SERIES

Double Piston - Double Acting	Rated Speed - 450 RPM
Stroke - Variable	Clutch - No Clutch
Rated Pressure - 120 PSI	
Rated Flow: 31.2 GPM total; 10.2 GPM small side; 21 GPM large side	
Inlet/Outlet small cylinder head - 1" FPT 200 series flanges	
Inlet/Outlet large cylinder head - 1 1/2" FPT 220 series flanges	

- » Apply two products at two rates with one pump
- » Max ratio 10 to 1, min ratio 2 to 1

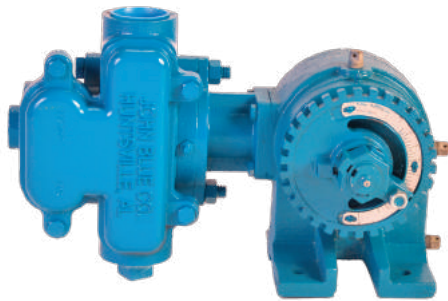
Rows	Swath in Inches		NGP-5655-ARF Application Range in GPA at 5 MPH (small side of pump)			
			30 Inch Spacing		36 Inch Spacing	
	30	36	Min	Max	Min	Max
4	120	144	4.6	104.0	3.9	86.7
8	240	288	2.3	52.0	2.0	43.3
12	360	432	1.6	34.7	1.3	28.9
16	480	576	1.2	26.0	1.0	21.7
24	720	864	0.8	17.4	0.7	14.5
36	1080	1296	0.5	11.6	0.5	9.7

The chart above is for the small side of the pump. Calculate first the small side and then calculate the large side with the chart below
All calculations based on ground speed of 5 MPH. Rated Flow Based on 12 lbs. per gallon fertilizer.

Rows	Swath in Inches		NGP-5655-ARF Application Range in GPA at 5 MPH (large side of pump)			
			30 Inch Spacing		36 Inch Spacing	
	30	36	Min	Max	Min	Max
4	120	144	9.2	207.9	7.7	173.3
8	240	288	4.6	104.0	3.9	86.6
12	360	432	3.1	69.3	2.6	57.8
16	480	576	2.3	52.0	1.9	43.3
24	720	864	1.5	34.7	1.3	28.9
36	1080	1296	1.0	23.1	0.9	19.3

The chart above is for the large side of the pump.
All calculations based on ground speed of 5 MPH. Rated Flow Based on 12 lbs. per gallon fertilizer.

Piston Pumps (NGP)

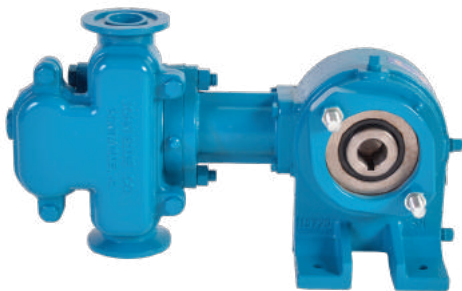


NGP-6050 SERIES

Single Piston - Double Acting	Rated Speed - 450 RPM
Stroke - Variable	Inlet - 1 1/2" FPT
Rated Flow - 21.0 GPM	Outlet - 1 1/2" FPT
Rated Pressure - 120 PSI	Clutch - Various Options

MODELS AVAILABLE:

NGP-6050	Rope Control Clutch
NGP-6055	Without Clutch
NGP-6058	Electric Control Clutch
NGP-6059	Hydraulic Control Clutch



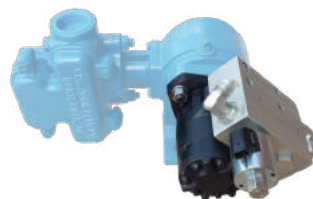
NGP-6055-HYF (HYDRAULIC DRIVE PISTON PUMP)

Single Piston - Double Acting	Rated Speed - 550 RPM
Stroke - Fixed	Inlet/Outlet-1 1/2" inlet, 220 series flanges optional
Rated Flow - 21.0 GPM	Rated Pressure - 120 PSI
Accepts SAE A 2-bolt hydraulic motor with 1" shaft	

Use with a John Blue Hydraulic Motor/PWM Manifold Kit.

MODELS AVAILABLE:

NGP-6055-HYF	Includes flange
NGP-6055-HY	Without flange



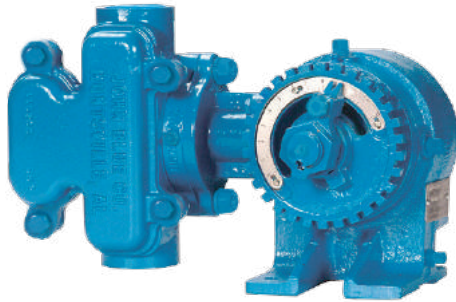
HYDRAULIC MOTOR/PWM MANIFOLD KITS:

116205-91:	Flow-thru style manifold (shown)
116205-91D:	Dead-head style manifold

Rows	Swath in Inches		NGP-6055 Application Range in GPA at 5 MPH			
			30 Inch Spacing		36 Inch Spacing	
	30	36	Min	Max	Min	Max
4	120	144	9.2	207.9	7.7	173.3
8	240	288	4.6	104.0	3.9	86.6
12	360	432	3.1	69.3	2.6	57.8
16	480	576	2.3	52.0	1.9	43.3
24	720	864	1.5	34.7	1.3	28.9
36	1080	1296	1.0	23.1	0.9	19.3

All calculations based on ground speed of 5 MPH. Rated Flow Based on 12 lbs. per gallon fertilizer. 316 SS available on wet end casting.

Piston Pumps (NGP)



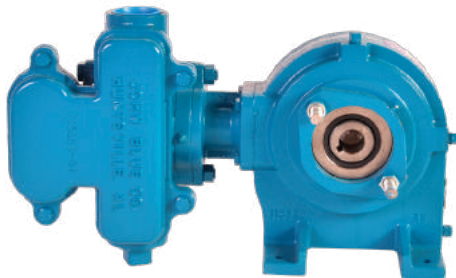
NGP-7050 SERIES

Single Piston - Double Acting	Rated Speed - 450 RPM
Stroke - Variable	Inlet - 1 ½" FPT
Rated Flow - 34.2 GPM	Outlet - 1 ½" FPT
Rated Pressure - 120 PSI	Clutch - Various Options

MODELS AVAILABLE:

NGP-7050	Rope Control Clutch
NGP-7055	Without Clutch
NGP-7058	Electric Control Clutch
NGP-7059	Hydraulic Control Clutch

Additional model options, including flanges, on page 18



NGP-7055-HY (HYDRAULIC DRIVE PISTON PUMP)

Single Piston - Double Acting	Rated Speed - 550 RPM
Stroke - Fixed	Inlet/Outlet-1 ½" inlet, 220 series flanges optional
Rated Flow - 34.2 GPM	Rated Pressure - 120 PSI
Accepts SAE A 2-bolt hydraulic motor with 1" shaft	

Use with a John Blue Hydraulic Motor/PWM Manifold Kit.

MODELS AVAILABLE:

NGP-7055-HYF	Includes flange
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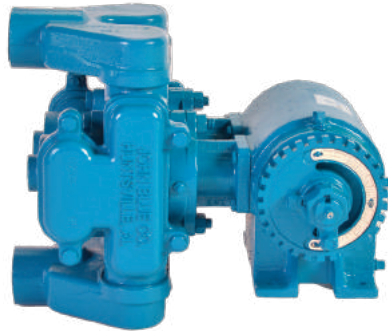
HYDRAULIC MOTOR/PWM MANIFOLD KITS:

- 116205-91:** Flow-thru style manifold (shown)
- 116205-91D:** Dead-head style manifold

Rows	Swath in Inches		NGP-7050 Application Range in GPA at 5 MPH			
			30 Inch Spacing		36 Inch Spacing	
	30	36	Min	Max	Min	Max
4	120	144	15.0	338.6	12.5	282.2
8	240	288	7.5	169.3	6.3	141.1
12	360	432	5.0	112.9	4.2	94.1
16	480	576	3.8	84.6	3.1	70.5
24	720	864	2.5	56.4	2.1	47.0
36	1080	1296	1.7	37.6	1.4	31.4

All calculations based on ground speed of 5 MPH. Rated Flow Based on 12 lbs. per gallon fertilizer. 316 SS available on wet end casting.

Piston Pumps (NGP)



NGP-8050 SERIES

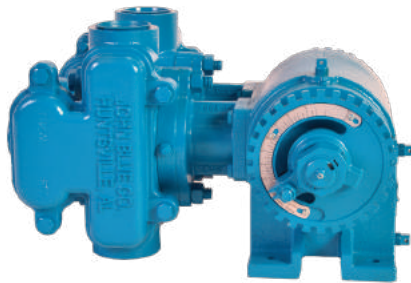
Double Piston - Double Acting	Rated Speed - 450 RPM
Stroke - Variable	Inlet - 1 1/2" FPT
Rated Flow - 42 GPM	Outlet - 1 1/2" FPT
Rated Pressure - 120 PSI	Clutch - Various Options

MODELS AVAILABLE:

NGP-8050	Rope Control Clutch
NGP-8055	Without Clutch
NGP-8058	Electric Control Clutch
NGP-8059	Hydraulic Control Clutch
NGP-8055-DR	Pump with independent dual inlet & outlet manifolds

Rows	Swath in Inches		NGP-8055 Application Range in GPA at 5 MPH			
			30 Inch Spacing		36 Inch Spacing	
			Min	Max	Min	Max
	30	36				
4	120	144	18.5	415.8	15.4	346.5
8	240	288	9.2	207.9	7.7	173.3
12	360	432	6.2	138.6	5.1	115.5
16	480	576	4.6	104.0	3.9	86.6
24	720	864	3.1	69.3	2.6	57.8
36	1080	1296	2.1	46.2	1.7	38.5

All calculations based on ground speed of 5 MPH. Rated Flow Based on 12 lbs. per gallon fertilizer. 316 SS available on wet end casting.



NGP-8055-AR DUAL RATE PISTON PUMP

Double Piston - Double Acting	Rated Speed - 450 RPM	Rated Pressure: 120 PSI
Stroke - Variable	Inlet - 1 1/2" FPT	
Rated Flow - 42 GPM total	Outlet - 1 1/2" FPT	
21 GPM per side	Clutch - No Clutch	

- » Apply two products at two rates with one pump
- » Max ratio 5 to 1

Rows	Swath in Inches		NGP-8055 Application Range in GPA at 5 MPH			
			30 Inch Spacing		36 Inch Spacing	
			Min	Max	Min	Max
	30	36				
4	120	144	9.2	207.9	7.7	173.3
8	240	288	4.6	104.0	3.9	86.6
12	360	432	3.1	69.3	2.6	57.8
16	480	576	2.3	52.0	1.9	43.3
24	720	864	1.5	34.7	1.3	28.9
36	1080	1296	1.0	23.1	0.9	19.3

The chart above is for one side of the pump. Calculate first one side of the pump and then calculate the second side.

All calculations based on ground speed of 5 MPH. Rated Flow Based on 12 lbs. per gallon fertilizer. 316 SS available on wet end casting.



Piston Pumps (NGP)



NGP-9050 SERIES

Double Piston - Double Acting	Rated Speed - 450 RPM
Stroke - Variable	Inlet - 1 1/2" FPT
Rated Flow - 68.4 GPM	Outlet - 1 1/2" FPT
Rated Pressure - 120 PSI	Clutch - Various Options

MODELS AVAILABLE:

NGP-9050	Rope Control Clutch
NGP-9055	Without Clutch
NGP-9058	Electric Control Clutch
NGP-9059	Hydraulic Control Clutch
NGP-9055-DR	Pump with independent dual inlet and outlet manifolds



NGP-9055-HY (HYDRAULIC DRIVE PISTON PUMP)

Double Piston - Double Acting	Rated Speed - 550 RPM
Stroke - Fixed	Inlet/Outlet-1 1/2"
Rated Flow - 68.4 GPM	Rated Pressure - 120 PSI
Accepts SAE A 2-bolt hydraulic motor with 1" shaft	

Use with a John Blue Hydraulic Motor/PWM Manifold Kit.



HYDRAULIC MOTOR/PWM MANIFOLD KITS:

- 116205-91:** Flow-thru style manifold (shown)
- 116205-91D:** Dead-head style manifold

Rows	Swath in Inches		NGP-9055 Application Range in GPA at 5 MPH			
			30 Inch Spacing		36 Inch Spacing	
			Min	Max	Min	Max
4	120	144	30.1	677.2	25.1	564.3
8	240	288	15.0	338.6	12.5	282.2
12	360	432	10.0	225.7	8.4	188.1
16	480	576	7.5	169.3	6.3	141.1
24	720	864	5.0	112.9	4.2	94.1
36	1080	1296	3.3	75.2	2.8	62.7

All calculations based on ground speed of 5 MPH. Rated Flow Based on 12 lbs. per gallon fertilizer. 316 SS available on wet end casting.

Piston Pumps (NGP)



NGP-9055-AR SERIES

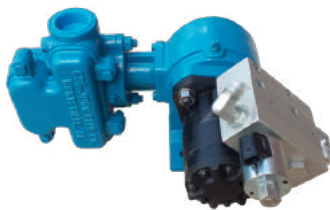
Double Piston - Double Acting	Rated Speed - 450 RPM
Stroke - Variable	Inlet - 1 1/2" FPT
Rated Flow - 68.4 GPM total	Outlet - 1 1/2" FPT
34.2 GPM per side	Clutch - No Clutch
Rated Pressure - 120 PSI	

- » Apply two products at two rates with one pump
- » Max ratio 5 to 1

Rows	Swath in Inches		NGP-9055-AR Application Range in GPA at 5 MPH			
			30 Inch Spacing		36 Inch Spacing	
	30	36	Min	Max	Min	Max
4	120	144	15.0	338.6	12.5	282.1
8	240	288	7.0	169.3	6.2	141.1
12	360	432	5.0	112.8	4.2	94.0
16	480	576	3.7	84.6	3.1	70.5
24	720	864	2.5	56.4	2.1	47.0
36	1080	1296	1.6	37.6	1.4	31.3

The chart above is for one side of the pump. Calculate first one side of the pump and then calculate the second side.
All calculations based on ground speed of 5 MPH. Rated Flow Based on 12 lbs. per gallon fertilizer. 316 SS available on wet end casting.

PWM CONTROLLED MANIFOLD KITS AND VARIABLE RATE HYDRAULIC DRIVE KITS MAKE PUMPS MORE VERSATILE!



DIRECT MOTOR /PWM MANIFOLD KITS:

- ◀ SHOWN: NGP-6055-HY with 116205-91 (Flow-thru style manifold)
116205-91D (Dead-head style manifold; no hydraulic oil flow through)
 - Draw fluid from remotely-mounted tanks
 - Lower-cost and more compact solution
 - Quick adjustment to application rates
 - Application rates won't change with temperature
 - Incredible suction capability



VARIABLE RATE HYDRAULIC BAR MOUNT RETROFIT KITS:

- ◀ SHOWN: NGP-6055 with VRH-PWM-10
You don't need to buy new equipment to benefit from Variable Rate Technology. A great feature of the John Blue Piston Pump, with the Variable Rate Hydraulic Drive Kit (VRH), is that you can use it on your current equipment - planters, drills, strip tills and liquid applicators - regardless of how old it is!

Piston Pumps (NGP)

NGP Options and Product Compatibility Recommendations*

Part Number (suffix)	Description
-B	Buna wet end o-rings and rod packing, recommended for Aqua Ammonia
-DR**	Independent dual inlet and outlet.
-F	Flanges- cast iron pumps have either 200 or 220 flanges with internal 1" or 1 ½" ports depending on pump models. SS pumps have 220 flanges only.
-K	Pump less sprocket.
-R	RC40 chain 18 tooth sprocket.
-S	316 SS wet-end casting, commonly used on liquid fertilizer pH less than 5
-U	Viton® wet-end o-rings and rod packing, ideal for fumigants and herbicides compatible with Viton® and not compatible with Buna.
Additional Kit Models	Modifies Existing Pumps
115670	Manual clutch add on - NGP universal
115671	Hydraulic clutch add on - NGP universal
115672	Electric clutch add on - NGP universal
115673	Stainless wet-end conversion - NGP-6050 Series
115674	Stainless wet-end conversion - NGP-7050 Series
115675	Stainless wet-end conversion - NGP-8050 Series***
115676	Stainless wet-end conversion - NGP-9055 Series***
116000-01S	1 ½" NPT to 200 series flange adapter, stainless steel
116083-01S	1 ½" NGP to 220 series flange adapter, stainless steel
116123-91	NGP-6055/8055 Direct Drive ASM-Manual Control
116124-91	NGP-7055/9055 Direct Drive ASM-Manual Control
116205-91	Flow-thru Style Hydraulic Motor/PWM Manifold Kit for Direct Drive Piston Pumps
116205-91D	Dead-head Style Hydraulic Motor/PWM Manifold Kit for Direct Drive Piston Pumps
116344-91	Dampener Kit 1 ½" NPT

Repair Kit Models	Details
115788-S	Gasket Repair Kit-For NGP-6050-S
115788-U	Gasket Repair Kit-For NGP-6050-U
115688-S	Gasket Repair Kit-For NGP-7050-S
115688-U	Gasket Repair Kit-For NGP-7050-U
115789-S	Gasket Repair Kit-For NGP-8055-S
115789-U	Gasket Repair Kit-For NGP-8055-U
115689-AR	Gasket Repair Kit-For NGP-9055-AR
115689-DR	Gasket Repair Kit-For NGP-9055-DR
115689-S	Gasket Repair Kit-For NGP-9050-S
115689-U	Gasket Repair Kit-For NGP-9050-U

Repair Kit Models	Details
116134	Gasket Repair Kit - For NGP-4055F
116135	Gasket Repair Kit - For NGP-5055DRF
115788	Gasket Repair Kit - For NGP-6050
115688	Gasket Repair Kit - For NGP-7050
115789	Gasket Repair Kit - For NGP-8050
115789-AR	Gasket Repair Kit - For NGP-8055-AR
115789-DR	Gasket Repair Kit - For NGP-8055-DR
116135-AR56	Gasket Repair Kit - For NGP-5655-ARF
115689	Gasket Repair Kit - For NGP-9050
116457	Gasket Repair Kit - For NGP-4055-HY
116458	Gasket Repair Kit - For NGP-6055-HY
116459	Gasket Repair Kit - For NGP-7055-HY
116460	Gasket Repair Kit - For NGP-9055-HY

* Not available on all models

** -DR only available on double piston pumps: NGP-8050 and NGP-9050.

*** -DR pumps may use 2 single piston stainless conversion kits.

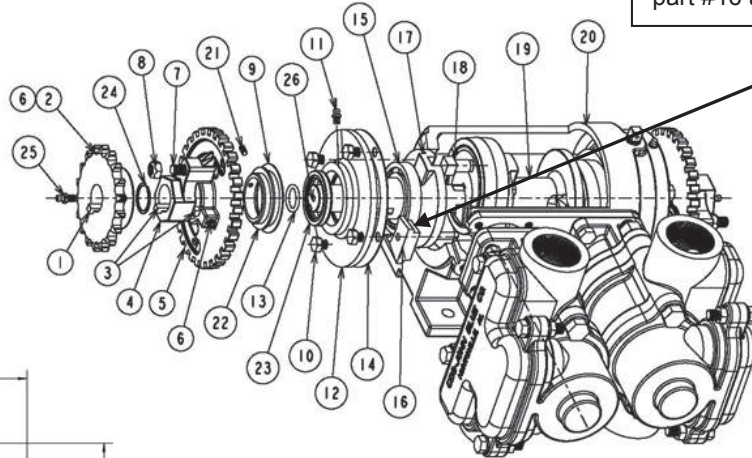
PARTS LISTING – DOUBLE ADJUSTABLE PUMPS

- Parts unique to the NGP-5655-ARF, NGP-8055-AR, and NGP 9055-AR assemblies
(refer to the NGP-505x / 805x / 905x chart for common/shared parts)

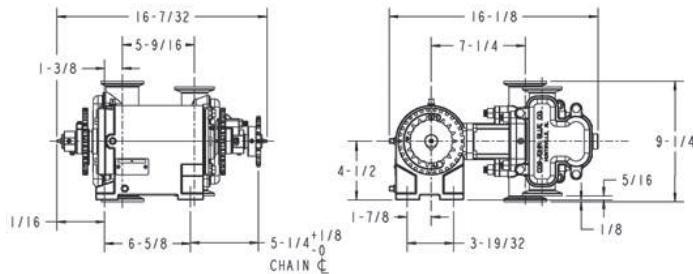
ITEM	PART DESCRIPTION	NGP-8050-AR	NGP-9050-AR
		PART #	PART #
1	SPROCKET KEY	106493-01	106493-01
2	SPROCKET	116055-01	116055-01
3	KEY	L-1020	L-1020
4	SETTING POINTER	115628-01	115628-01
5	SETTING SCALE	L-1002	L-1002
6	5/16 X 3/8 SET SCREW	90532	90532
7	3/8 X 2-1/4 CAR BOLT	115646-01	115646-01
8	3/8 SELF LOCKING NUT	A-3097	A-3097
9	THRUST WASHER	115626-01	115626-01
10	5/16" X 1 BOLT	90637	90637
11	GREASE FITTING	H-28	H-28
12	COVER PLATE	116053-01	116153-01
13	O-RING	L-1022	L-1022
14	GASKET	L-1006	L-3002

ITEM	PART DESCRIPTION	NGP-8055-AR	NGP-9050-AR
		PART #	PART #
15	BEARING	L-1007-A	L-1007-A
16	CRANKCASE INSERT BLOCK	116049-01	N/A
17	SHORT SETTING SLEEVE	116052-01	116154-01
18	ECCENTRIC PIN	L-3004	L-3004
19	SPACER SLEEVE	116051-01	116155-01
20	CRANKCASE	116048-01	115680-01
21	#10-32 X 1/4 SET SCREW	90502	90502
22	SEAL COVER	116054-01	116054-01
23	OIL SEAL	115622-01	115622-01
24	SNAP RING	115791-01	115791-01
25	GREASE ZERK	115647-01	115647-01
26	MAIN SHAFT	116050-01	116050-01

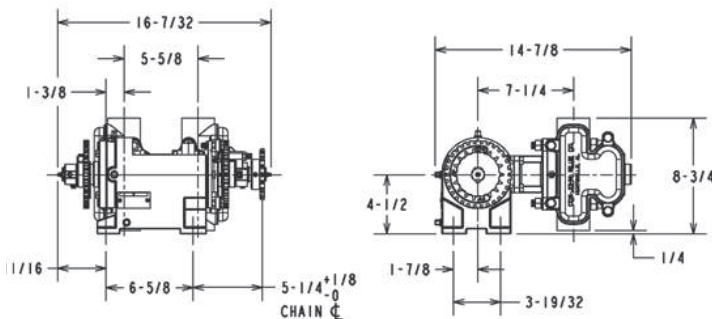
Note: Apply gasket sealant along sides of part #16 at assembly



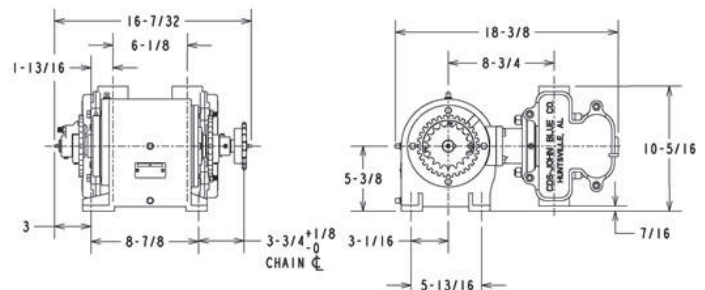
NGP-5655-ARF DIMENSIONS



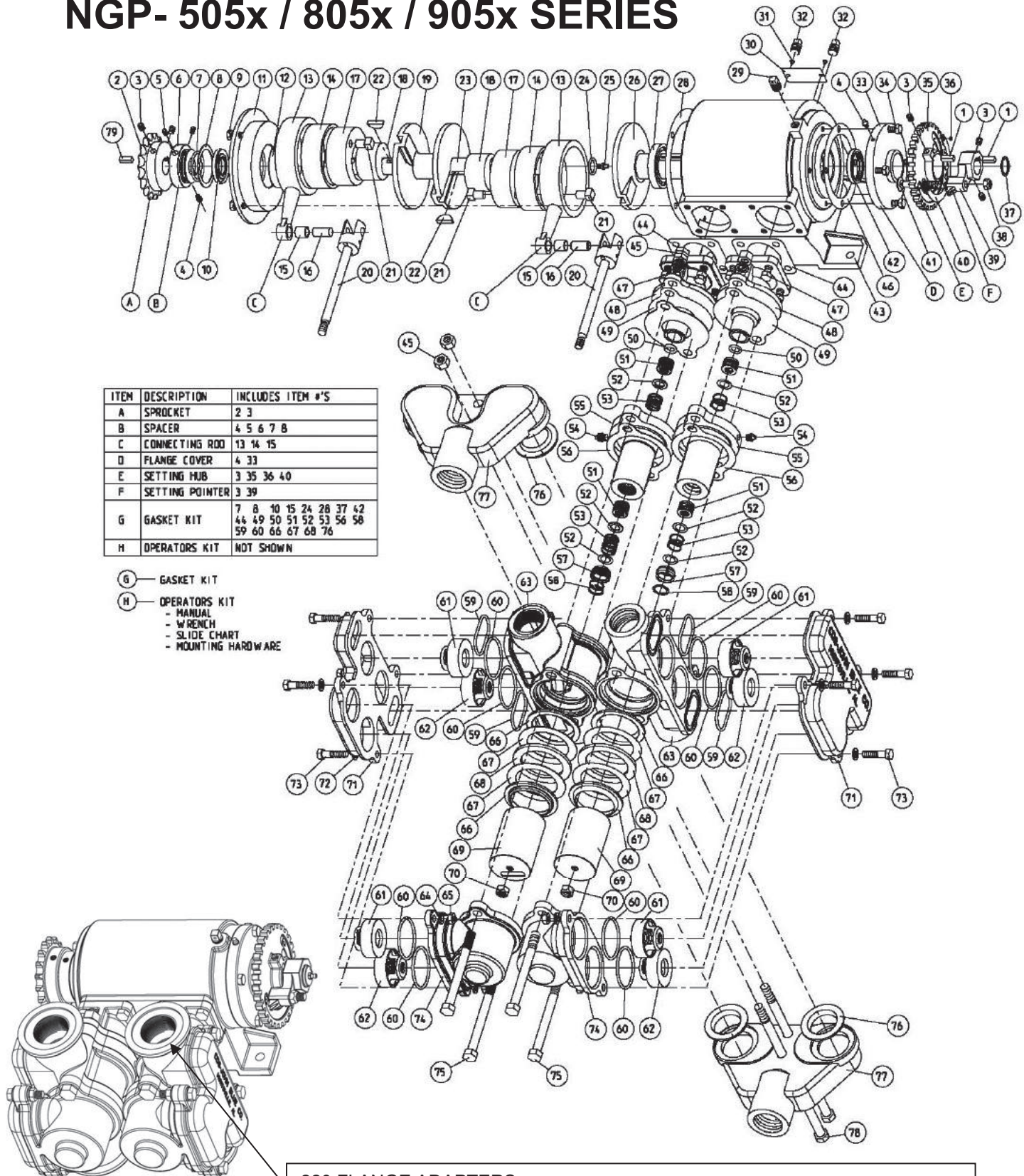
NGP-8055-AR DIMENSIONS



NGP-9055-AR DIMENSIONS



NGP- 505x / 805x / 905x SERIES



220 FLANGE ADAPTERS:

- CAST IRON PUMPS USE 115701-02FLG OR 115601-02FLG ON "DR" PUMPS WITHOUT MANIFOLD
- STAINLESS AND MANIFOLDS USE 116083-01S SCREW-IN ADAPTERS



PARTS LISTING – NGP- 505x / 805x / 905x SERIES

ITEM	PART DESCRIPTION	NGP-5050 PART #	NGP-8050 PART #	NGP-9050 PART #
1	KEY	L-1020	L-1020	L-1020
2	SPROCKET RC50-18T	112661-01	112661-01	112661-01
-K	NO SPROCKET	NOT USED	NOT USED	NOT USED
-R	SPROCKET RC40-18T	113905-01	113905-01	113905-01
3	5/16x3/8 SETSCREW	90532	90532	90532
4	GREASE FITTING	H-28	H-28	H-28
5	5/16x3/8 SETSCREW	90532	90532	90532
6	SPROCKET SPACER	115625-01	115625-01	115625-01
7	O-RING	S-316	S-316	S-316
8	THRUST WASHER	115626-01	115626-01	115626-01
9	5/16x1 HEX BOLT	90637	90637	90637
10	OIL SEAL	115621-01	115621-01	115621-01
11	COVER PLATE	115723-01	115723-01	115623-01
12	BEARING	L-3019	L-3019	L-3019
13	CONNECTING ROD	L-1008-A	L-1008-A	113630-01
14	JOURNAL BEARING	L-928	L-928	113629-01
15	ROD BUSHING	113588-01	113588-01	113588-01
16	ROD PIN	105895-01	105895-01	105895-01
17	ECCENTRIC - OUTER	L-1013-A	L-1013-A	113633-01
18	ECCENTRIC - INNER	L-1015	L-1015	L-3017
19	TRANSFER SLEEVE	115783-01	115783-01	115683-01
20	PISTON ROD ASM	116078-91	115712-91	105900-91
21	ECCENTRIC PIN	112686-01	112686-01	L-3004
22	WOODRUFF KEY	108093-01	108093-01	A-4333
23	CRANKSHAFT	115681-01	115681-01	115681-01
24	O-RING	L-1022	L-1022	L-1022
25	GREASE ZERK	115647-01	115647-01	115647-01
26	SETTING SLEEVE	115718-01	115718-01	115618-01
27	BEARING	L-1007-A	L-1007-A	L-1007-A
28	GASKET – DRIVE SIDE	L-1006	L-1006	L-3002
29	VENT PLUG	S-350	S-350	S-350
30	NAME PLATE	111958-01	111958-01	111958-01
31	DRIVE SCREW	A-3557	A-3557	A-3557
32	OIL PLUG	C-431-B	C-431-B	C-431-B
33	FLANGE COVER	115724-01	115724-01	115724-01
34	5/16 X 1 HEX BOLT	90637	90637	90637
35	SETTING HUB	115627-01	115627-01	115627-01
36	SCREW	A-368	A-368	A-368
37	SNAP RING	115791-01	115791-01	115791-01
38	3/8 SELF-LOCK NUT	A-3097	A-3097	A-3097
39	SETTING POINTER	115628-01	115628-01	115628-01
40	SETTING SCALE	115645-01	115645-01	115645-01
41	3/8x2-1/4 CARR.BOLT	115646-01	115646-01	115646-01
42	OIL SEAL	115622-01	115622-01	115622-01
43	CRANKCASE	115780-01	115780-01	115680-01
44	CROSSHEAD GASK.	115711-01	115711-01	115611-01
45	1/2 HEX NUT	92029	92029	92029
46	GASKET– FLG COVER	L-1006	L-1006	L-1006
47	HEX BOLT	90637	90637	90860
48	CROSSHEAD GUIDE	116069-01	115700-01	115600-01
49	STUFF. BOX GASK.	116075-01	115610-01	115610-01
-U	FUMIGANT	N/A	104828-02	104828-02
50	O-RING	116074-01	111943-01	111943-01
51	PACKING 'V' SET	L-1113	L-1109	L-1109
@	CROSSHD GUIDE	USE 4 "V"s	N/A	N/A
-U	FUMIGANT	N/A	L-1109-U	L-1109-U
52	PACKING WASHER	112694-01	L-1041	L-1041
53	PACKING SPRING	112697-01	L-1063	L-1063
54	GREASE ZERK	H-30	H-30	H-30

PARTS LISTING – NGP- 505x / 805x / 905x SERIES

ITEM	PART DESCRIPTION	NGP-5050 PART #	NGP-8050 PART #	NGP-9050 PART #
55	STUFFING BOX	116070-01	115790-01	115690-01
-S	STAINLESS	N/A	115790-01S	115690-01S
56	INBOARD CYL. GASK.	116076-01	115710-01	115710-01
-U	FUMIGANT	N/A	104826-02	104826-02
57	STUFF. BOX INSERT	116068-01	L-1031-2	L-1031-2
-S	STAINLESS	NOT USED	NOT USED	NOT USED
58	PACKING - SNAP RING	112698-01	L-1042	L-1042
-S	STAINLESS AND FUM.	N/A	116210-01	116210-01
59	O-RING	S-316	S-316	115604-01
-S	STAINLESS	N/A	104824-01	115612-01
-U	FUMIGANT	N/A	104824-01	115612-01
60	O-RING	S-316	L-3031	A-2848
-S	STAINLESS	N/A	114768-01	114870-01
-U	FUMIGANT	N/A	114768-01	114870-01
61	DISCHARGE VALVE	116127-91	115707-91	115607-91
62	SUCTION VALVE	116126-91	115706-91	115606-91
63	INBOARD CYLINDER	N/A	115701-02	115601-02
-F	FLANGED	116071-01	115701-02FLG	115601-02FLG
-S	STAINLESS	N/A	115701-02S	115601-02S
64	3/8 LOCK WASHER	93024	93024	93024
-S	STAINLESS	N/A	93025	93025
65	3/8 HEX NUT	92024	92024	92024
66	PLUNGER – PACKING	112696-01	L-1045-V	L-1045-V
-B	BUNA PACKING	N/A	L-1045-A	L-1045-A
67	PLUNGER – GASKET	112712-01	L-1098	L-1098
-U	FUMIGANT	N/A	114769-01	114769-01
68	PLUNGER – WASHER	112695-01	L-1044-A	L-1044-A
69	PLUNGER	112700-91	103290-91	112816-91
70	PLUNGER – LOCKNUT	92125	L-1047	L-1047
71	VALVE COVER	116073-01	115703-01	115603-01
-S	STAINLESS	N/A	115703-01S	115603-01S
72	NOT USED			
73	3/8 X 1-1/2 HEX BOLT	90911	90911	90911
-S	STAINLESS	N/A	90654	90654
74	OUTBOARD CYL.	116072-01	115702-01	115602-01
-S	STAINLESS	N/A	115702-01S	115602-01S
75	1/2 HEX BOLT	90704	90704	90705
-S	STAINLESS (2 BOLTS)	N/A	90693/9068	90693/9068
76	MANIFOLD GASKET	N/A	112696-01	112696-01
-DR	DUAL RATE (CYLS)	N/A	NOT USED	NOT USED
77	MANIFOLD	N/A	115796-01	115696-01
-S	STAINLESS	N/A	115796-01S	115696-01S
-DR	DUAL RATE (CYLS)	N/A	NOT USED	NOT USED
78	½ HEX BOLT	N/A	115793-01	115693-01
-DR	DUAL RATE (CYLS)	N/A	NOT USED	NOT USED
79	SPROCKET KEY	106493-01	106493-01	106493-01
A	RC50-18T SPROCKET	106532-01	106532-01	106532-01
-K	NO SPROCKET	NOT USED	NOT USED	NOT USED
-R	RC40-18T SPROCKET	113907-01	113907-01	113907-01
B	SPRKT. SPACER ASM	115624-91	115624-91	115624-91
C	CONN. ROD ASM	L-1008-B	L-1008-B	113645-91
D	FLANGE COVER ASM	115725-91	115725-91	115725-91
E	SET HUB ASM	115629-91	115629-91	115629-91
F	SET POINTER ASM	115630-91	115630-91	115630-91
G	GASKET KIT	116135	115789	115689
-S	GASKET KIT - SS	N/A	115789-S	115689-S
-U	GASKET KIT - FUM	N/A	115789-U	115689-U
H	OPERATORS KIT	115787	115787	115787
N/S	SLIDE CHART	115698-91	115698-91	115698-91
N/S	SETTING WRENCH	115631-01	115631-01	115631-01

CENTRIFUGAL PUMPS:

Polypropylene (PSP)



PSP-3240

**PATENT-PENDING
2" SELF-PRIMING POLY-CENTRIFUGAL PUMPS**

200 GPM Max Flow	Vac-U-Seal Impeller
45 PSI Max Pressure	Close-coupled Shaft
112 GPM @ 25 PSI	Fits 3/4" Diameter Shaft
Max Speed 3600	Double Wet Seal Assembly
Required Horsepower: 5 HP	Chemical Resistant Materials
2" Inlet & Outlet FPT	1" FPT pressure access & 1/2" FPT drain port



PSP-3340-BSFLG

**PATENT-PENDING
3" SELF-PRIMING POLY-CENTRIFUGAL PUMPS**

375 GPM Max Flow	Vac-U-Seal Impeller
45 PSI Max Pressure	Close-coupled Shaft
Max Speed 3600	Fits 1" and 1-1/8" Diameter Shafts
Required Horsepower: 10 HP	Double Wet Seal Assembly
3" Inlet & Outlet FPT	Chemical Resistant Materials
	1" FPT pressure access & 1/2" FPT drain port

PRODUCT FEATURES

- Fully-assembled from the factory—ready to be attached to power source immediately.
- Double Wet Seal Assembly—pump can be run dry without causing seal failure. The seal is antifreeze cooled. (Antifreeze is pre-filled from the factory.)
- Closed Impeller Technology—pump efficiency improves over time as the impeller wears.
- Polypropylene Body, FKM and Viton® Seals, 316SS Impeller Shaft for excellent chemical resistance.
- Pump can be removed, or engine can be replaced without having to disassemble the pump.

PSP-3240-G5H



PSP-3240-E5T3B



PSP-3340-G13H



Polypropylene (PSP)

PSP - Poly-Centrifugal Models			
Part	Pump Type	Part Number	Accessories
PSP-3240	2" Poly SP Centrifugal, Engine mount	116287-01	Optional Screw-in 220 Flange Adapter
PSP-3240-FLG	2" Poly SP Centrifugal, Engine mount, Flanged Fittings		
PSP-3240-E	2" Poly SP Centrifugal, Electric Motor Mount	116395-91	Base Rail Kit - 2" Poly Pump
PSP-3240-EFLG	2" Poly SP Centrifugal, Electric Motor Mount, Flanged Fittings	116476-91	2" PSP Electric Front Mount Kit
PSP-3240-G5H	2" Poly SP Centrifugal, with 5 HP Honda GX160 Motor		
PSP-3240-G5HFLG	2" Poly SP Centrifugal, with 5 HP Honda GX160 Motor, Flanged Fittings	116431-01	Optional Screw-in M300 Flange Adapter
PSP-3240-G6H	2" Poly SP Centrifugal, with 6 HP Honda GX200 Motor		
PSP-3240-G6HFLG	2" Poly SP Centrifugal, with 5 HP Honda GX200 Motor, Flanged Fittings	116491-01A	3" Poly Pump Base Plate for Gas/10 HP Electric
PSP-3240-E5D1B	2" Poly SP Centrifugal, 5 HP Electric Drip Proof, 1 Phase		
PSP-3240-E5D1BFLG	2" Poly SP Centrifugal, 220 Flange Adapters, 5 HP Electric Drip Proof, 1 Phase		
PSP-3240-E5D3B	2" Poly SP Centrifugal, 5 HP Electric Drip Proof, 3 Phase		
PSP-3240-E5D3BFLG	2" Poly SP Centrifugal, 220 Flange Adapters, 5 HP Electric Drip Proof, 3 Phase		
PSP-3240-E5T1B	2" Poly SP Centrifugal, 5 HP Electric TEFC, 1 Phase		
PSP-3240-E5T1BFLG	2" Poly SP Centrifugal, 220 Flange Adapters, 5 HP Electric TEFC, 1 Phase		
PSP-3240-E5T3B	2" Poly SP Centrifugal, 5 HP Electric TEFC, 3 Phase		
PSP-3240-E5T3BFLG	2" Poly SP Centrifugal, 220 Flange Adapters, 5 HP Electric TEFC, 3 Phase		
PSP-3240-P	2" Poly SP Centrifugal with Pedestal		
PSP-3240-PFLG	2" Poly SP Centrifugal with Pedestal and Flanges		
PSP-3240-PH	2" Poly SP Centrifugal with Hydraulic Motor		
PSP-3240-PHFLG	2" Poly SP Centrifugal with Hydraulic Motor and Flanges		
NEW! PSP-3240-G6B	2" Poly SP Centrifugal with 6 HP Briggs & Stratton Pro Engine		
NEW! PSP-3240-G6BFLG	2" Poly SP Centrifugal with 6 HP Briggs & Stratton Pro Engine and Flanges		
NEW! PSP-3340	3" Poly SP Centrifugal, Engine mount, 1-1/8" Shaft		
NEW! PSP-3340-BS	3" Poly SP Centrifugal, Engine mount, 1" Shaft, Keyed shaft clamp standard		
NEW! PSP-3340-E	3" Poly SP Centrifugal, Electric Motor Mount		
NEW! PSP-3340-BSFLG	3" Poly SP Centrifugal, Engine mount, Keyed shaft clamp standard, and Flanges		
NEW! PSP-3340-E10TB	3" Poly SP Centrifugal, 10 HP Electric TEFC, 3 Phase		
NEW! PSP-3340-E10TB-1	3" Poly SP Centrifugal, 10 HP Electric TEFC, 1 Phase		
NEW! PSP-3340-E10TB-1FLG	3" Poly SP Centrifugal, 10 HP Electric TEFC, 1 Phase, and Flanges		
NEW! PSP-3340-E10TBFLG	3" Poly SP Centrifugal, 10 HP Electric TEFC, 3 Phase, and Flanges		
NEW! PSP-3340-EFLG	3" Poly SP Centrifugal, Electric Motor Mount, and Flanges		
NEW! PSP-3340-G13H	3" Poly SP Centrifugal, 13 HP Honda Gas Electric Start with Base		
NEW! PSP-3340-G13HFLG	3" Poly SP Centrifugal, 13 HP Honda Gas Electric Start with Base and Flanges		

CENTRIFUGAL PUMPS:

Cast-Iron Pumps



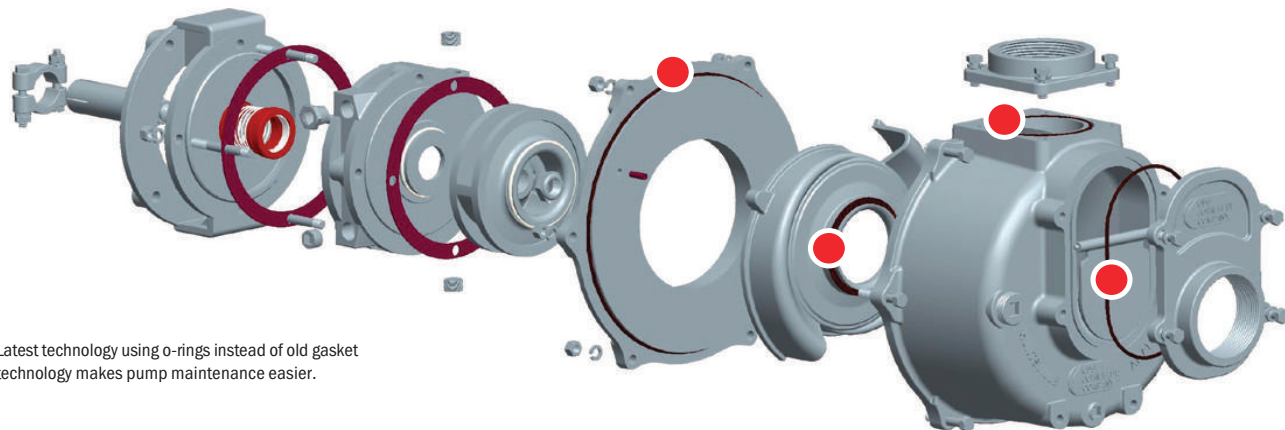
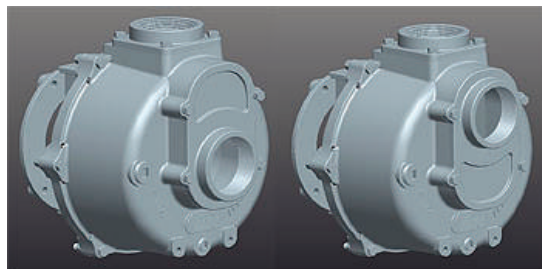
NEXT GENERATION 2", 3", AND 4" SELF-PRIMING CENTRIFUGAL PUMPS

2-YEAR UNCONDITIONAL WARRANTY ON CAST-IRON PUMPS!*

All John Blue Centrifugal Pumps can run dry without damaging the seal. This, combined with a two-year factory-backed UNCONDITIONAL WARRANTY on cast-iron models, makes the John Blue Centrifugal Pumps second to no other pump manufacturer on the market today—all at an affordable price. Available with Gas, Electric, or Hydraulic Power Sources.

2-IN-1 INLET DESIGN ON SELF-PRIMING PUMPS:

- Growers can select from 2 inlet locations on 1 Pump.
- The standard lower inlet with the backflow valve, yields maximum pump flow.
- The higher inlet allows the outlet lines to drain after shutoff while retaining self-priming capability on start-up.
- Patent-pending



● Latest technology using o-rings instead of old gasket technology makes pump maintenance easier.

Pumps and Gas Engines



SP-3350
3" Self-Priming HF,
up to 400 GPM



SP-3240-G5H
2" NPT Self-Priming,
5 HP Honda, w/Base,
up to 200 GPM



SP-3350-G13HFLG
3" NPT Self-Priming,
13 HP Honda, Elec. Start,
w/Base, up to 400 GPM

Part	Pump Type*	Max Capacity GPM	Capacity @ 25 PSI	Max Pressure PSI	Max Speed RPM	Required HP	Inlet & Outlet FPT
Pumps For Gasoline Engines - Note: A Base Mounting for Engine Required							
S-3220	2" Straight, 3/4" Shaft	197	140	39	3600	5	2"
S-3320	3" Straight, 1 1/8" Shaft	365	310	60	3600	10	3"
SP-3240	2" Self-Priming, 3/4" Shaft	200	112	42	3600	5	2"
SP-3340	3" Self-Priming, 1 1/8" Shaft	340	265	64	3600	10	3"
SP-3350	3" Self-Priming HF, 1 1/8" Shaft	400	365	64	3600	13	3"
SP-3350-BS	3" Self-Priming HF, 1" Shaft	400	365	64	3600	13	3"
SP-3450	2nd Gen HF 4"x3" SP Cent-Gas	560	470	64	3600	20	4" x 3"

- Keyed shaft clamp standard on 3" -BS gasoline engine pumps.

Pumps Coupled To Gasoline Engines							
S-3220-G5H	2" Straight, 5 HP Honda Engine with Base	197	140	39	3600	5	2"
SP-3240-G5H	2" Self-Priming, 5 HP Honda Engine With Base	200	112	42	3600	5	2"
SP-3240-G6B	NEW! 2" Self-Priming, 6 HP Briggs & Statton Pro Engine	200	112	42	3600	5	2"
SP-3350-G13H	3" Self-Priming HF, 13 HP Honda, Electric Start, Engine with Base	400	365	64	3600	13	3"
SP-3350-G14K	3" Self-Priming HP, 14 HP Kohler, Electric Start, Engine with Base	400	365	64	3600	14	3"

* Pump size given in inches refers to inlet and outlet sizes.

- Silicon-Carbide seals available on 2" and 3" pumps, add -C after part number.

- Flange option available on 2" and 3" pumps, add -FLG after part number.

CENTRIFUGAL PUMPS:

Pedestals & Hydraulic Motors



SP-3240-PH
2" Self-priming HY Drive,
up to 200 GPM



SP-3350-BSFLG
3" Self-Priming HF,
up to 400 GPM

Part	Pump Type*	Max Capacity GPM	Capacity @ 25 PSI	Max Pressure PSI	Max Speed RPM	Required HP	Inlet & Outlet FPT
Pumps With Pedestal Mount							
S-3220-P	2" Straight, 3/4" Shaft	197	140	39	3600	5	2"
S-3320-P	3" Straight, 1 1/8" Shaft	365	310	60	3600	10	3"
S-3325-P	3" Straight Truck Pump, 1 1/8" Shaft	463	430	99	4500	16.5	3"
SP-3240-P	2" Self-Priming, 3/4" Shaft	200	112	42	3600	5	2"
SP-3340-P	3" Self-Priming, 1 1/8" Shaft	340	265	64	3600	10	3"
SP-3345-P	3" Self-Priming Truck Pump 1 1/8"	340	265	64	3600	10	3"
Pumps Coupled To Hydraulic Motors (includes hydraulic motor)							
S-3220-PH	2" Straight Hydraulic Drive	197	140	39	3600	10	2"
S-3325-PH	3" Straight Truck Pump Hydraulic Drive	365	310	60	3600	10	3"
SP-3240-PH	2" Self-Priming Hydraulic Drive	200	112	42	3600	5	2"
SP-3345-PH	3" Self-Priming Truck Pump Hydraulic Drive	340	265	64	3600	10	3"

*Pump size given in inches refers to inlet and outlet sizes.

- Low-flow hydraulic motors are available on Hydraulic Truck Pumps Straight 3" (S-3325-PHL) and Self-priming 3" Hydraulic Truck Pump (SP-3345-PHL).

- Standard motors require 25 GPM for full pump flow and low-flow motors require 14 GPM.

Miscellaneous Centrifugal Components and Kits

-FLG	Flanges available on all centrifugal pumps; Add -FLG after part number.
116001-01	Flange Adapters Ductile Iron, 2" NPT to 220 Series
116002-01	Flange Adapters Ductile Iron, 3" NPT to 300 Series
116228-01	Bulk quantity baseplates (20 Min. Qty.) for customer supplied SP-3320-BS and SP-3350-BS w/13 HP Honda, hardware not included.
116230-91	Baseplate Kits for customer supplied SP-3320-BS and SP-3350-BS with 13 HP Honda Engine, includes baseplate and hardware.
116251-01	Bulk quantity baseplates (20 Min. Qty.) for 2" Straight and Self-Priming Pumps, hardware not included
116252-91	Baseplate Kits for 2" Straight and Self-Priming Pumps, includes baseplate and hardware.

Pumps & Electric Motors



S-3220-E
2" Straight,
up to 197 GPM



SP-3240-E
2" Self-Priming,
up to 200 GPM



SP-3350-E
3" Self-Priming,
up to 400 GPM



SP-3350-E15TB:
3" NPT Self-Priming,
15 HP, 3 Phase, TEFC,
with Base, up to 400 GPM



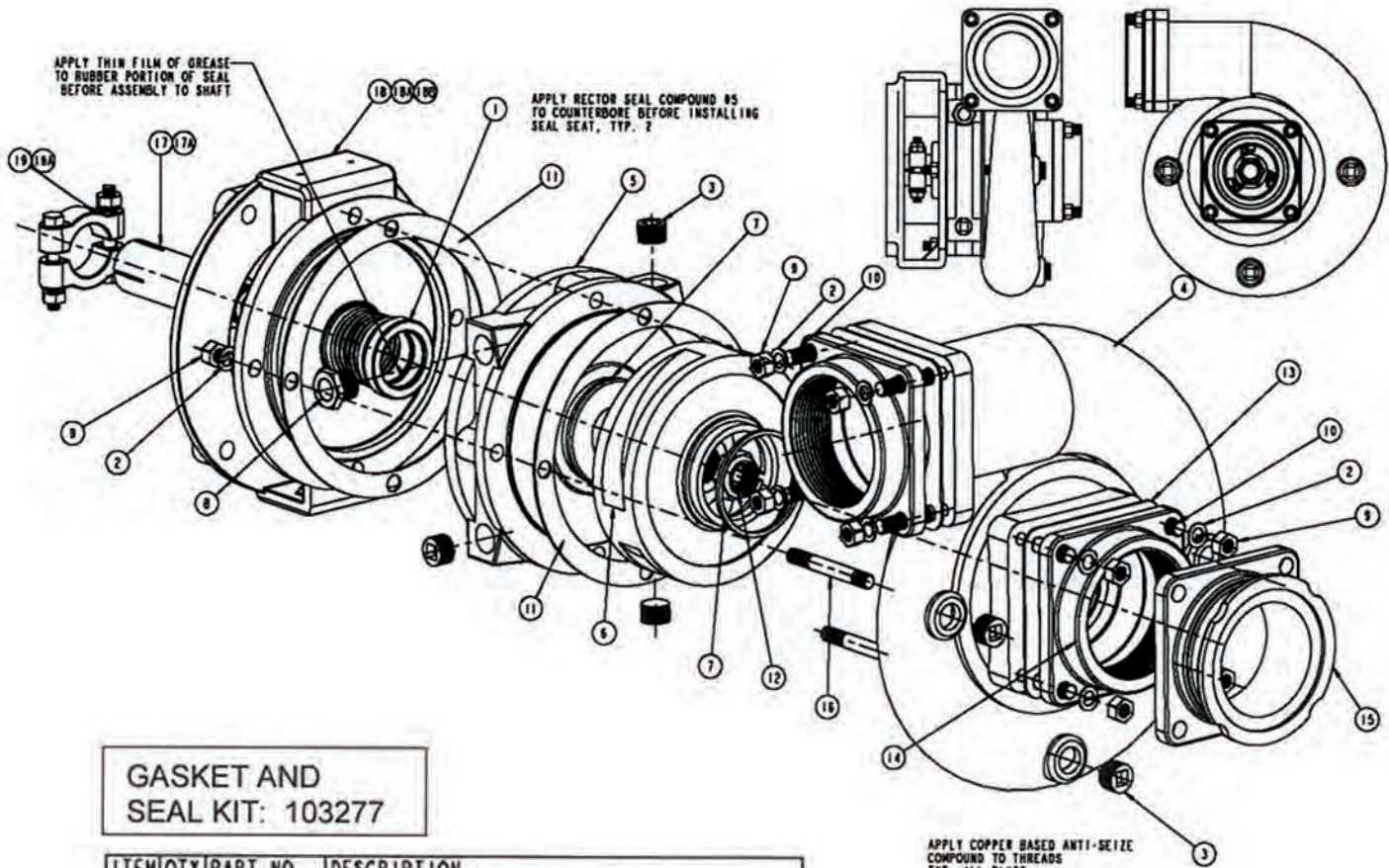
SP-3450-E20TB:
4"x3" NPT Self-Priming
20 HP, 3 Phase,
TEFC w/Base,
up to 560 GPM

Part	Pump Type*	Max Capacity GPM	Capacity @ 25 PSI	Max Pressure PSI	Max Speed RPM	Required HP	Inlet & Outlet FPT
Pumps for Electric Motors							
S-3220-E	2" Straight, 3/4" Shaft	197	140	39	3600	5	2"
S-3320-E	3" Straight, 1 1/8" Shaft	365	310	60	3600	10	3"
SP-3240-E	2" Self-Priming, 3/4" Shaft	200	112	42	3600	5	2"
SP-3340-E	3" Self-Priming, 1 1/8" Shaft	340	265	64	3600	10	3"
SP-3350-E	3" Self-Priming HF, 1 1/8" Shaft	400	365	64	3600	15	3"
SP-3450-E	2nd Gen HF 4"x3" SP Cent Elect	560	470	64	3600	19	4"x3"
Pumps Coupled to Electric Motors							
S-3220-E5D3	2" Straight, 5 HP 3 Phase	197	140	39	3600	5	2"
S-3320-E10T	3" Straight, 10 HP Electric TEFC, 3 Phase	365	310	60	3600	10	3"
S-3320-E15T	3" Straight, 15 HP Electric TEFC, 3 Phase	365	310	60	3600	15	3"
SP-3240-E5D1B	2" self-priming drip proof, single phase with base	200	112	42	3600	5	2"
SP-3240-E5D3B	2" Self-Priming 5 HP Electric Drip Proof, 3 Phase with Base	200	112	42	3600	5	2"
SP-3240-E5T3B	2" Self-Priming 5 HP Electric TEFC, 3 Phase with Base	200	112	42	3600	5	2"
SP-3340-E10TB	3" Self-Priming, 10 HP Electric TEFC, 3 Phase	340	265	64	3600	10	3"
SP-3340-E10TB-1	3" Self-Priming, 10 HP Electric TEFC, 1 Phase	340	265	64	3600	10	3"
SP-3350-E15TB	3" Self-Priming HF, 15 HP Electric TEFC, 3 Phase with Base	400	365	64	3600	15	3"
SP-3450-E20TB	2nd Gen HF 4"x3" SP Cent with 20 HP Electric Motor w/ Base	560	470	64	3600	20	4"x3"

*Pump size given in inches refers to inlet and outlet sizes.

**Power based on electric motor with full voltage and pumping water..

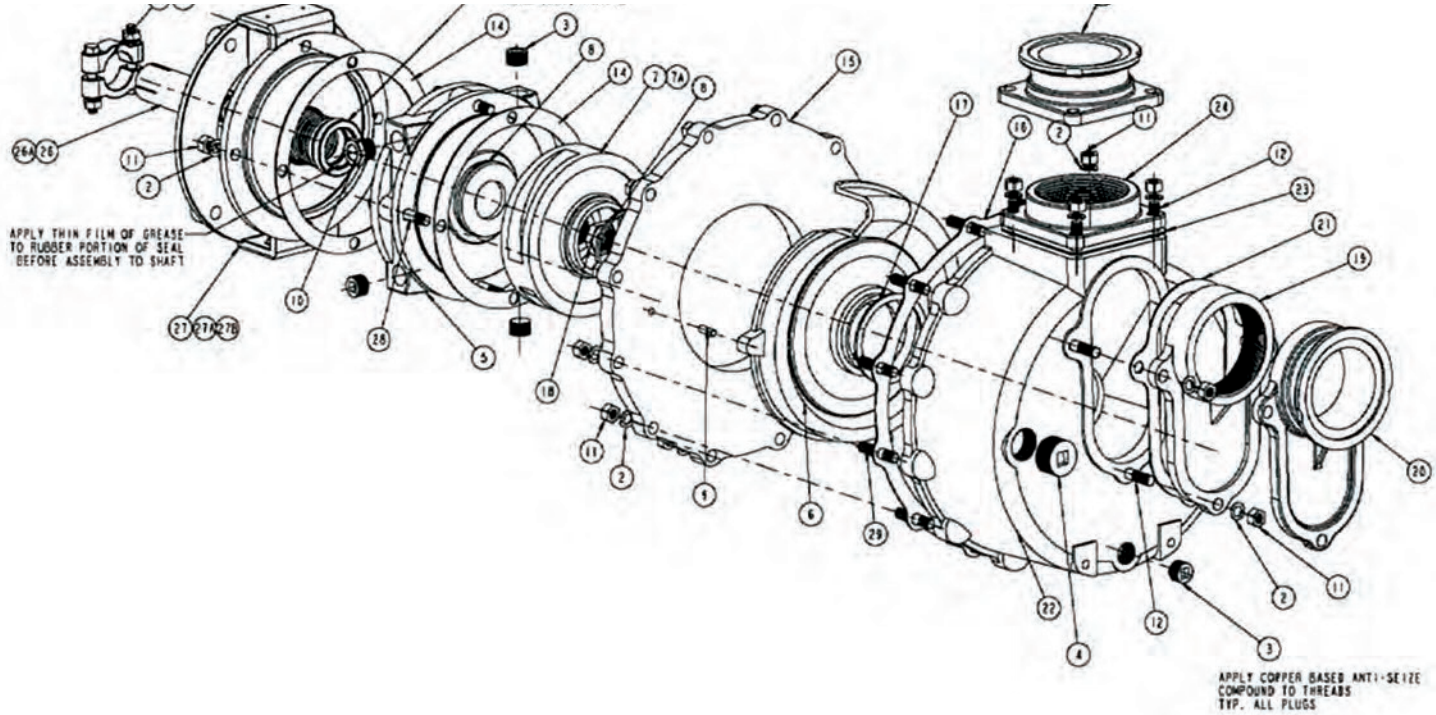
PARTS LISTING: S-3320 (3" STRAIGHT) EXPLODED VIEW



GASKET AND SEAL KIT: 103277

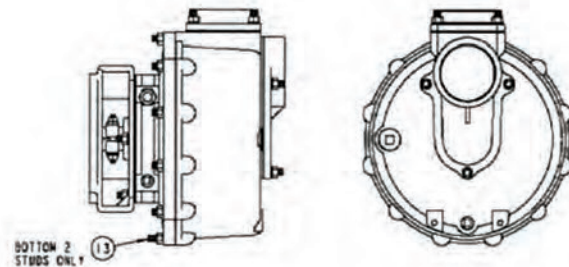
ITEM	QTY	PART NO.	DESCRIPTION
1	1	43005	MECH. DOUBLE SEAL (OPTIONAL CARBIDE SEAL: 43017)
2	12	93025	3/8" LOCKWASHER, S.S.
3	6	95019	1/2" NPT PLUG
4	1	102034-01	VOLUTE HOUSING
5	1	102035-01	RESERVOIR
6	1	102037-01	IMPELLER
7	2	110152-01	ANNULAR SEAL
8	1	S-3555	VIEW WINDOW
9	12	S-3557	3/8" NUT S.S.
10	8	S-3561	3/8" x 1-5/8" STUD, S.S.
11	2	S-3638	GASKET SEAL
12	1	S-3649	3/4"-16 LEFT HAND LOCKNUT
13	2	S-3656	FLANGE GASKET
14	2	S-3657	3" F.P.T. DISCHARGE FLANGE
15	1	S-3657-FLG	FLANGED ADAPTER
16	4	S-3664	3/8" x 3-1/2" STUD, S.S.
17	1	S-3646	IMPELLER SHAFT
18	1	102189-01	ADAPTER FOR GAS ENGINE
19	1	S-3608S	3" S.S. CLAMP ASSEMBLY
17A	-	114524-01	IMPELLER SHAFT FOR "BS" GAS ENGINE MODEL
18A	-	102190-01	ADAPTER FOR ELECTRIC MOTOR
18B	-	114523-01	ADAPTER FOR "BS" GAS ENGINE MODEL
19A	-	S-3608AS	3" S.S. KEYED CLAMP FOR "BS" IMPELLER SHAFT

PARTS LISTING: SP-3320 (3" SELF PRIMING) EXPLODED VIEW



GASKET AND SEAL KIT: 103278

ITEM	QTY	PART NO.	DESCRIPTION
1	1	43005	MECH. DOUBLE SEAL (OPTIONAL CARBIDE SEAL: 43017)
2	23	93025	3/8" LOCKWASHER, S.S.
3	4	95019	1/2" NPT PLUG
4	1	95021	1" NPT PLUG
5	1	102035-01	RESERVOIR
6	1	102036-01	SCROLL PLATE
7	1	102037-01	IMPELLER
8	2	110152-01	ANNULAR SEAL
9	2	L-4135	1/4" X 3/4" ROLL PIN, S.S.
10	1	S-3555	VIEW WINDOW
11	23	S-3557	3/8" NUT S.S.
12	7	S-3561	3/8" x 1-5/8" STUD, S.S.
13	2	S-3597	3/8" x 2" STUD, S.S.
14	2	S-3638	GASKET SEAL
15	1	S-3640	HOUSING COVER
16	1	S-3641	HOUSING COVER GASKET
17	1	S-3648	GASKET, SCROLL PLATE
18	1	S-3649	3/4"-16 LEFT HAND LOCKNUT
19	1	S-3652	3" F.P.T. SUCTION FLANGE
20	1	S-3652-FLG	SUCTION FLANGE
21	1	S-3654	SUCTION FLANGE GASKET
22	1	S-3655	HOUSING
23	1	S-3656	FLANGE GASKET
24	1	S-3657	3" F.P.T. DISCHARGE FLANGE
25	1	S-3657-FLG	FLANGED ADAPTER
26	1	S-3646	IMPELLER SHAFT, 1-1/8"
27	1	102189-01	ADAPTER, GAS ENGINE
28	4	S-3664	3/8" x 3-1/2" STUD, S.S.
29	10	S-3666	3/8" x 1-7/8" STUD, S.S.
30	1	S-3608S	3" S.S. CLAMP ASSEMBLY
7A	-	102037-A	HIGH FLOW IMPELLER
26A	-	114524-01	IMPELLER SHAFT FOR "BS" GAS ENGINE MODEL
27A	-	102190-01	ADAPTER FOR ELECTRIC MOTOR
27B	-	114523-01	ADAPTER FOR "BS" GAS ENGINE MODEL
30A	-	S-3608AS	3" KEYS STAINLESS CLAMP FOR "BS" IMPELLER SHAFT



E-Z Meter Injection Pumps

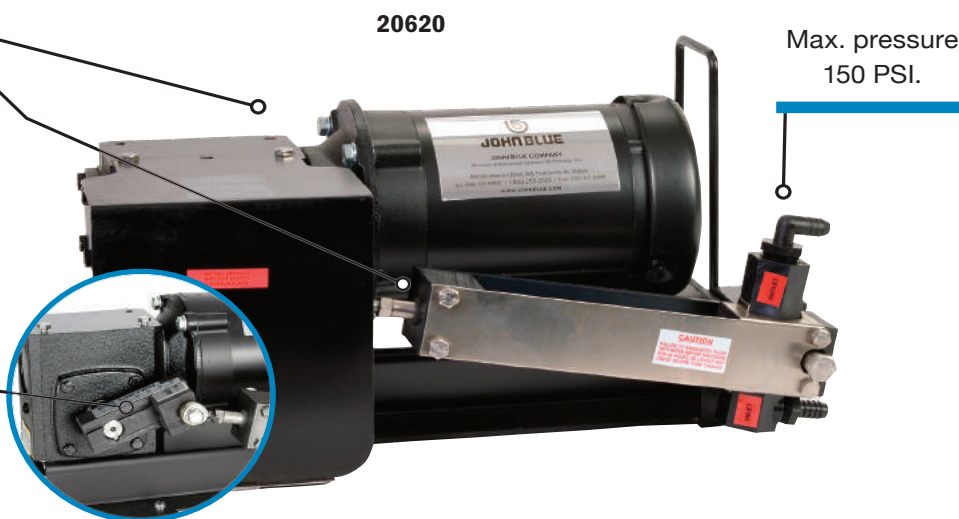


FEATURES:

- Available in simplex and duplex models with numerous power sources.
- All parts exposed to agricultural products are made from 316 stainless steel, chemical resistant polypropylene and the highest quality seals available today.
- Accurate injection rates, maximum dependability and long-term reliability.

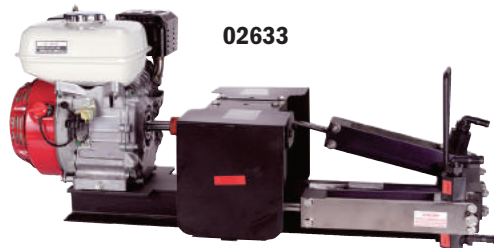
Pumping cylinders can be mounted in parallel for large volume applications or for injection of two non-compatible products.

A simple change of stroke length sets the precise flow to be injected.



The upgraded seals are more forgiving when the pump is run dry between supply tank refills. The John Blue piston cup shape provides a positive seal without the need for future adjustments. Piston cups can be changed in the field with standard tools.

E-Z Meter Injection Pumps



02633

E-Z METER INJECTION PUMPS*

Maximum Pressure 150 PSI

316 Stainless Steel Cylinder Models

E-Z Meter Injection Pumps					
Power Source	5-30 GPH	10-100 GPH	5-30 5-30 GPH	5-30 10-100 GPH	10-100 10-100 GPH
110-220 1ph	10620	11630	10622	10623	10633
220-440 3ph	20620	21630	20622	20623	20633
Belt Drive	01620	01630	01622	01623	01633
Honda Engine	02620	02630	02622	02623	02633
12V DC Motors	30620	30630	30622	30623	30633

*-1 after the part number indicates pumps with Teflon™ cylinders, ideal for acid applications. For stainless steel check valves contact the factory.

E-Z Meter Field Conversion Parts and Options	
Model Number	Description
50520	Duplex Field Conversion 5-30 GPH E-Z Meter Pump
50530	Duplex Field Conversion 10-100 GPH E-Z Meter Pump
115026-HS	¼" FNPT inlet x ¼" MNPT outlet (with tube) 316 SS Backflow Check Valve for Irrigation Line
115030	¼" MNPT inlet x ¼" FNPT outlet Backflow Check Valve for Irrigation Line
CV-1310	¼" FNPT inlet x ½" MNPT outlet (with tube) Poly Check Valve for Irrigation Line
CV-1310-BL	¼" FNPT inlet x ½" MNPT outlet (with tube) Poly Check Valve for Irrigation Line with PVC bleeder valve.

*Pumps produced prior to 2005 can only be duplexed if originally supplied with a dual output shaft gearbox used on 10-100 units, gasoline or belt drive pumps.

E-Z Meter Power Sources: 5-30, 10-100 and 10-200 GPH Pumps

115/208-230V SINGLE PHASE, 60 HZ.

½ HP, 1725 RPM, 115/208-220V, FLA 8.8/4.4, 56C Frame, HZ 60 single phase, SFA 9.4/4.7, service factor, 1.15 ball bearings. (50 HZ motors available upon request).

208-230/440V THREE PHASE, 60 HZ.

½ HP, 1725 RPM, 208-230/440V, FLA is 2.1-2.0/1.0, 56C Frame, HZ 60, three phase, SFA 2.5-2.4/1.2, service factor, 1.25 ball bearings. (50 HZ motors available upon request).

HONDA GASOLINE ENGINE DRIVEN (GED)

4 cycle, 7.2 CID with 4 HP at 3600 RPM, fuel capacity .66 US gallons.

12 VOLT

½ HP, 1800 full load RPM, 12 Volts DC F.L. AMPS 40, 24 Volts DC 20 F.L. AMPS, Class F insulation, linear speed/torque, NEMA 56C frame, ball bearings. Manufacturer reserves the right to make changes to specifications.



E-Z Meter Pumps with the double ball, built-in check valves provide better performance by virtually eliminating air locking. Available in 316 stainless steel or Teflon™ cylinders.

PISTON METERING INJECTION PUMPS:

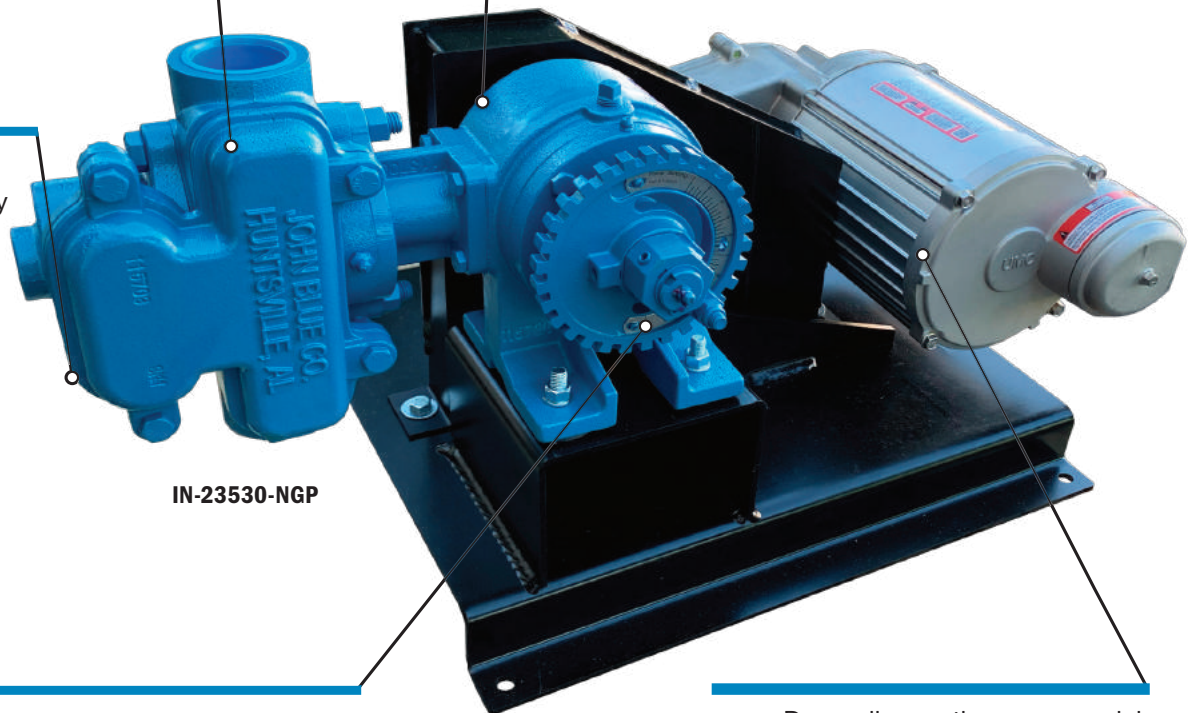


Full Range Injection Units

Pump models have a range of application from 1.6 to 114 GPH or all the way up to 6 to 470 GPH.

All internal wetted parts are constructed with corrosion resistant stainless steel to ensure optimum performance over many years of service.

All working parts are totally enclosed for maintenance free service.



IN-23530-NGP

Rates are easily adjusted with the dial pointer located on the side of the pump, which changes the length of the stroke.

Depending on the pump model, units are available with ¾ or 1 ½ HP motor and gearbox.

Piston Pump Injection Pumps

Model Number	Phase	Model Type	Low Range GPH	High Range GPH	Max PSI	Motor Size	GPH Range
IN-11610-NGP	Single	Simplex	2.6-26.2	5.9-59	120	1 ½	2.6-117
		Duplex	5.2-52.4	11.7-117.4	120	1 ½	
IN-11630-NGP	Three	Simplex	1.6-15.5	5.7-57	120	¾	1.6-114
		Duplex	3.1-31	11.4-114	120	¾	
IN-23510-NGP	Single	Simplex	5.5-55	12-122	120	1 ½	5.5-242
		Duplex	11-108	24-242	120	1 ½	
IN-23530-NGP	Three	Simplex	3-32	12-119	120	¾	3-235
		Duplex	6-64	24-235	120	¾	
IN-47010-NGP	Single	Simplex	8.2-81.9	18.4-183.8	120	1 ½	8.2-363
		Duplex	16.2-162	36.3-363	120	1 ½	
IN-47030-NGP	Three	Simplex	6-64.8	24-238	120	1 ½	6-470
		Duplex	12-128	48-470.2	120	1 ½	

*316 stainless steel available on any IN-235 or IN-470 models. Add -S after the part number.

HYPRO NI-RESIST OR SILVER SERIES XL CENTRIFUGAL PUMPS



- Weight: 7,3-8,2 kg
- Super Rollers and Viton seals standard
- Locking collar and torque arm come in each package
- Rotor: Ni-Resist (N) or Silvercast (XL)
- Speed Controller available



Note: All models come in either Ni-Resist or Silver Series XL housings.

Order Information

Model Number	Max LPM	Max BAR	Max RPM	Shaft Output
4001N-EH	39	2,0	1900	½ inch Hollow Shaft (12,7 mm)
4001N-E2H	37	3,4	1600	
4001XL-EH	39	2,0	1900	
4001XL-E2H	37	3,4	1600	
4101N-EH	28	3,4	1900	
4101N-E2H	22	6,2	1600	
4101XL-EH	28	3,4	1900	
4101XL-E2H	22	6,2	1600	

Teflon rollers - Add Suffix "T2" - (i.e.: 4001N-EHT2).
Polypropylene rollers - Add Suffix "T3" - (i.e.: 4001N-EHT3).
Buna-N seals - Add Suffix "M" - (i.e.: 4001N-EHM).

	Model 4101N-EH & 4101XL-EH				Model 4101N-E2H & 4101XL-E2H		
	Volts	BAR	AMPS	LPM	BAR	AMPS	LPM
	Series 4101-EH and 4101-E2H	12,0 (Battery) Engine Off	0	10,0	23,8	0	—
,3			11,3	22,7	,7	8,4	20,0
,7			12,5	22,0	1,4	11,8	18,2
1,0			13,7	21,2	2,1	13,7	17,6
1,4			15,1	20,4	2,8	16,4	16,7
1,7			16,7	19,7	3,4	19,6	15,3
2,1			18,6	18,9	4,1	22,8	13,8
2,4			20,3	18,2	4,8	25,8	12,1
2,8			22,3	17,4	5,5	28,9	11,4
3,1			24,1	16,7	6,2	31,5	10,4
3,4			25,7	15,9	6,9	34,2	9,84
0			10,4	28,4	0	—	—
,3			11,7	26,5	,7	9,1	22,3
,7			13,0	25,0	1,4	11,2	21,2
1,0	14,2	24,2	2,1	13,9	19,9		
1,4	15,8	23,5	2,8	16,9	18,9		
1,7	17,4	22,7	3,4	19,5	17,8		
2,1	19,6	22,0	4,1	22,7	16,5		
2,4	20,9	21,2	4,8	25,7	15,1		
2,8	22,5	20,4	5,5	29,2	13,6		
3,1	24,3	19,7	6,2	31,9	12,9		
3,4	26,1	18,9	6,9	34,8	12,1		

	Model 4001N-EH & 4001XL-EH				Model 4001N-E2H & 4001XL-E2H		
	Volts	BAR	AMPS	LPM	BAR	AMPS	LPM
	Series 4001-EH and 4001-E2H	12,0 (Battery) Engine Off	0	12,6	34,1	,7	13,9
,3			14,1	31,4	1,4	18,0	29,9
,7			15,2	30,7	2,1	22,2	27,3
1,0			17,3	29,5	2,4	25,0	26,1
1,4			19,7	27,3	2,8	27,0	24,6
1,7			22,1	25,4	3,5	31,6	22,3
2,1			24,8	23,5	4,1	36,2	20,4
0			13,4	39,4	,7	14,4	37,5
,3			14,8	37,5	1,4	18,3	34,4
,7			16,2	35,6	2,1	22,3	32,2
1,0		18,2	33,7	2,4	24,5	31,4	
1,4		20,5	32,2	2,8	27,0	30,3	
1,7		22,5	31,0	3,5	31,0	27,6	
2,1		24,9	29,1	4,1	36,1	25,7	

9300C & 9300P SERIES (HYDRAULIC DRIVEN)

PART	MAX GPM	MAX PSI	HYDRAULIC SYSTEM	INLET	OUTLET	Hydraulic GPM
9303C-HM1C	114	180	OPEN/CLOSED	1-1/2"	1-1/4"	10
9303C-HM2C	82	180	CLOSED	1-1/2"	1-1/4"	5
9303C-HM3C	106	180	LARGE OPEN	1-1/2"	1-1/4"	20
9303C-HM4C	95	180	CLOSED/OPEN	1-1/2"	1-1/4"	7
9303C-HM5C	114	180	CLOSED/OPEN	1-1/2"	1-1/4"	15
9306C-HM1C	207	130	OPEN/CLOSED	2"	1-1/2"	13
9306C-HM3C	214	135	OPEN/CLOSED	2"	1-1/2"	24
9306C-HM5C	212	140	OPEN/CLOSED	2"	1-1/2"	17
9305C-HM3C	190	180	LARGE OPEN	2"	1-1/2"	20
9303P-HM1C	109	100	OPEN/CLOSED	1-1/2"	1-1/4"	10
9303P-HM2C	90	80	CLOSED	1-1/2"	1-1/4"	5
9303P-HM3C	93	80	LARGE OPEN	1-1/2"	1-1/4"	20
9303P-HM4C	86	80	CLOSED/OPEN	1-1/2"	1-1/4"	7
9303P-HM5C	109	100	CLOSED/OPEN	1-1/2"	1-1/4"	15
9303S-HM1C	114	130	OPEN/CLOSED			13
9303S-HM2C	97	95	OPEN/CLOSED			6
9303S-HM3C	125	98	OPEN/CLOSED			24
9303S-HM4C	115	93	OPEN/CLOSED			7
9303S-HM5C	147	145	OPEN/CLOSED			16
3430-0332	SEAL & O-RING REPAIR KIT					



PUMPS AND ENGINES

9200C SERIES (PEDESTAL PUMPS)

PART	MAX GPM	MAX PSI	SHAFT TYPE	INLET	OUTLET	Max RPM
9202C	105	180	5/8" SOLID	1-1/4"	1"	6000
9203C	136	180	5/8" SOLID	1-1/2"	1-1/4"	6000
9203C-R	136	190	5/8" SOLID	1-1/2"	1-1/4"	6000
9205C	180	190	7/8" KEYED	2"	1-1/2"	4200
9203C-SP	122	150	5/8" SOLID	1-1/2"	1-1/4"	6000
9205C-SP	163	120	7/8" KEYED	2"	1-1/2"	4200
3430-0332	SEAL & O-RING REPAIR KIT					

9200C SERIES (HONDA ENGINE DRIVEN PUMPS)

- Close-coupled to Honda engine
- Viton shaft seals
- Call for details on self-priming models
- Model 1537 comes complete with base plate



PART	MAX GPM	MAX PSI	GAS ENGINE	INLET	OUTLET
1537	110	80	HONDA GX160	1-1/2"	1-1/4"
1550	150	140	HONDA GX270	2"	1-1/2"

DELAVAN HYDRAULIC MOTOR DRIVEN CENTRIFUGAL PUMP

- Common shaft- no need for external couplings or bearings.
- Viton pump seals standard.
- Ports: 1-1/4" FPT inlet, 1" FPT outlet (M125).
- Nylon impeller reduces wear and resists corrosion.
- Compact size allows for range of installation points.
- High-quality Gresen hydraulic motors are standard.



PART	MIN GPM	MAX PSI	HYDRAULIC SYSTEM	HYD GPM	HYD PRESS.
M125C-PM37	TO 51	80	CLOSED & OPEN	4-12	1250
35566-1	TO 59	80	OPEN	11-18	600

PUMP REPAIR KITS

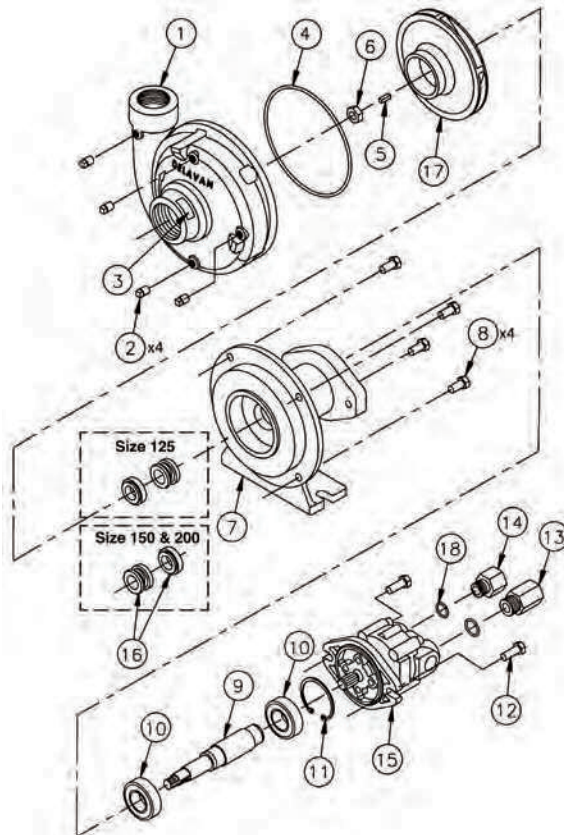
PART	DESCRIPTION
35745	PUMP REPAIR KIT (INCLUDES PARTS BELOW MARKED WITH *)

HYDRAULIC MOTOR REPAIR KITS

PART	DESCRIPTION
38109-1	BEARING & SEAL KIT (GRESEN HYDRAULIC MOTOR)
38109-2	SEAL KIT (GRESEN HYDRAULIC MOTOR)
38109-3	CHECK VALVE KIT (GRESEN HYDRAULIC MOTOR)
38109-4	BYPASS VALVE KIT (GRESEN HYDRAULIC MOTOR)



DELAVAN HYDRAULIC MOTOR DRIVEN CENTRIFUGAL PUMP PARTS



REF	PART	QTY	DESCRIPTION
1	34907	1	VOLUTE CASING
2	25785	3	SQUARE HEAD PLUG
3	32576	1	CAUTION LABEL
4	34912*	1	PUMP GASKET
5	34944*	1	CAP LOCKNUT
6	34942	1	WASHER
7	34915-1	1	IMPELLER ASSEMBLY
8	34941	1	IMPELLER KEY
9	34943*	1	FACE SEAL ASSEMBLY
10	34908	1	MOUNTING SUPPORT
11	34916	6	CAP SCREW
12	35278*	1	GASKET SLINGER
13	35312	1	ADAPTER
14	31351-15	2	O-RING
15	35664-1	1	HYD. MOTOR FOR 34945-1
15	35664-2	1	HYD. MOTOR FOR 35665-1
15A	35277	1	ORIFICE FOR 34945-1
16	31351-16	1	O-RING
17	35776	1	ADAPTER

POWERFLO DIAPHRAGM PUMPS

2200 SERIES

- 2 chamber positive displacement diaphragm pump.
- Self priming & capable of running dry.
- Maximum pressure: 40 psi.
- Maximum recommended temperature: 110°F
- Capacity: 1 US Gpm
- 12 VDC with 2-pin molded connector.
- 3/8" hose barb inlet & outlet ports.



7800 SERIES

- 3 chamber positive displacement diaphragm pump.
- Self priming & capable of running dry.
- Maximum pressure: 60 psi.
- Maximum recommended temperature: 140°F
- Capacity: 1.2 or 2.0 US Gpm
- 12 VDC with 2-pin molded connector.
- 3/8" FPT inlet & outlet ports.



5800 SERIES

- 5 chamber positive displacement diaphragm pump.
- Self priming & capable of running dry.
- Maximum pressure: 100 psi.
- Maximum recommended temperature: 140°F
- Capacity: 3.0, 3.6, 4.0 or 5.0 US Gpm
- 12 VDC with 2-pin molded connector.
- 1/2" FPT inlet & outlet ports.



PART	DESCRIPTION
2200-101	1 US GPM DEMAND PUMP; 40 PSI; 3/8" HB
7811-201	1.2 US GPM DEMAND PUMP; 60 PSI; 3/8" FPT
7812-201	2 US GPM DEMAND PUMP; 60 PSI; 3/8" FPTWWW
5830-201C	3 US GPM DEMAND PUMP; 45 PSI; 1/2" FPT
5836-104E	3.6 GPM DEMAND PUMP, 12 V WITH CORD, 60 PSI
5836-201C	3.6 US GPM DEMAND PUMP; 45 PSI; 1/2" FPT
5840-201C	4.0 US GPM DEMAND PUMP; 45 PSI; 1/2" FPT
5850-101C	5.0 US GPM DEMAND PUMP; 45 PSI; 1/2" FPT
5850-104E	5.0 US GPM DEMAND PUMP; 115V WITH CORD
5850-201E	5.0 US GPM DEMAND PUMP; 60 PSI; 1/2" FPT
7870-101E	7.0 US GM, 1/2" FPT, 12 VOLT, 60 PSI

****This is a small sample of PowerFlo pumps. Contact your Account Manager for a complete list of available models.**

JOHN BLUE 12-VOLT PUMP



- The John Blue 12-Volt Pump is the only 12-Volt pump on the market today totally protected against weather, dust and overspray – it’s weatherproof tested.
- Two models are available with 4.8 GPM capacity.

- Weatherproof tested—the only 12-Volt Pump to be totally protected against weather, dust and overspray
- Four piston diaphragm for a smoother flow
- Available quick connect ports system means it’s faster to install, requires fewer parts and connections while reducing the number of potential leak points.
- Integral pressure switch is fully sealed
- Low current draw results in a longer battery life
- Maximum operating pressure – 45 PSI
- Automatic demand
- Chemical resistant construction suitable for most fertilizers and chemicals
- Santoprene® diaphragms and valves.
- Viton® seals
- Glass-filled polypropylene housing
- Strainer is made from polycarbonate, 316 stainless steel 50 mesh screen.
- 1-year warranty

PART	DESCRIPTION
AP1819W	4.8 GPM, MAX AMP DRAW 13 AMPS, WEIGHT 6.4 LBS., INLET/OUTLET PORTS 1/2" NPT MALE, MIN WIRE SIZE 12 AWG.

WETBOOM STYLE BOOMLESS NOZZLES

- Easily convert handgun sprayer to a broadcast sprayer (3 GPM minimum)
- Nozzle assemblies fit 5275122/5275123 stainless steel tube
- Centre nozzle assembly inlet ½" hose
- Shut-off valves built into nozzle assembly
- 30 foot total swath
- Nozzle assemblies have built-in swivel



PART	DESCRIPTION	COVERAGE (FEET)
5275122	POLYACETAL LEFT/RIGHT NOZZLE ASSEMBLY	13
5275123	POLYACETAL CENTER NOZZLE ASSEMBLY	4

FIMCO SPRAY GUNS

PART	DESCRIPTION
5163100	FIMCO STANDARD LEVER HANDGUN
5273959	FIMCO DELUXE PISTOL FRIP HANDGUN



SPRAY GUNS

GunJet®

AA43-AL-6 GUNJET TRIGGER HANDGUN

- Aluminium construction.
- Valve stem extends through entire extension length for drip-free shutoff immediately behind the spray tip.
- Trigger handle control- 1/2" NPT inlet connection.
- Comes standard with #6 orifice disc, maximum pressure rating of 200 psi.



AA30-AL GUNJET TRIGGER HANDGUN

- Handgun molded of tough nylon with 24" aluminium wand.
- Maximum operating pressure of 250 psi.
- Outlet connection is standard 11/16" nozzle thread.
- Valve stem extends through entire extension length for drip-free shutoff immediately behind the spray tip.



AA143-AL GUNJET SPRAY GUN

- 22-1/4" length; aluminium construction.
- Handle rotates 360° to operate from shutoff thru to max flow.
- Turning handle changes flow from cone to straight stream.
- TeeJet tips may also be used.
- Choice of pipe thread or Garden hose thread inlet.



22670 TRIGGERJET POLYPROPYLENE SPRAY GUN

- 1/4" FPT inlet with 15" or 24" wand.
- Adjustable ConeJet Spray tip.
- Straight and 45° adapter.
- Maximum operating pressure of 150 psi.



25660 LAWN SPRAY GUN

- Interchangeable nozzle tips are colour coded.
- Maximum operating pressure of 150 psi.
- Standard gray 1.5 tip. Also available with 3.0 or 4.0 tips.



ITEM	DESCRIPTION
AA43L-AL-6	ALUMINIUM HANDGUN; TRIGGER HANDLE CONTROL
PK-AB43-AL-KIT	REPAIR KIT FOR AA143-AL HANDGUN
AA30L-22425-24	GUNJET HANDGUN
AB30L-KIT	REPAIR KIT FOR AA30L HANDGUN
AA143-AL-GH-6	HANDGUN WITH 3/4" FGHT INLET
PK-AB-143-AL-KIT	REPAIR KIT FOR AA143
22670-PP-15	GUN ASSEMBLY C/W 15" WAND EXTENSION
22670-PP-24	GUN ASSEMBLY C/W 24" WAND EXTENSION
22650-PP-1/4	HANDGUN GUN ONLY - NO WAND
5500-PPB-X8	REPLACEMENT ADJUSTABLE CONEJET TIP
25660-1.5	COMPLETE LAWN GUN WITH GRAY 1.5 TIP
22665-15-PP	15" EXTENSION FOR 25660 LAWN GUN
22665-24-PP	24" EXTENSION FOR 25660 LAWN GUN
25657-NYB	ADAPTER FOR LAWN GUN
6466	TRIGGER VALVE - VALVE ONLY

6466 TRIGGER VALVE

- Maximum flow rate of 2 GPM
- 250 psi rating.
- 1/4" FPT inlet.
- Use with TeeJet and ConeJet tips.



PRESSURE GAUGES - LIQUID FILLED

PART	DESCRIPTION	SIZE (IN)	PSI RATING
PG15SG25	2-1/2" LIQUID FILLED GAUGE; 0-15 PSI	2-1/2"	0-15
PG30SG25	2-1/2" LIQUID FILLED GAUGE; 0-30 PSI	2-1/2"	0-30
PG60SG25	2-1/2" LIQUID FILLED GAUGE; 0-60 PSI	2-1/2"	0-60
PG100SG25	2-1/2" LIQUID FILLED GAUGE; 0-100 PSI	2-1/2"	0-100
PG160SG25	2-1/2" LIQUID FILLED GAUGE; 0-160 PSI	2-1/2"	0-160
PG200SG25	2-1/2" LIQUID FILLED GAUGE; 0-200 PSI	2-1/2"	0-200
PG300SG25	2-1/2" LIQUID FILLED GAUGE; 0-300 PSI	2-1/2"	0-300
PG600SG25	2-1/2" LIQUID FILLED GAUGE; 0-600 PSI	2-1/2"	0-600
PG605G4	4" LIQUID FILLED GAUGE; 0-60 PSI	4"	0-60
PG1005G4	4" LIQUID FILLED GAUGE; 0-100 PSI	4"	0-100



PRESSURE GAUGES - DRY FILLED

PART	DESCRIPTION	SIZE (IN)	PSI RATING
PG15SD25	2-1/2" DRY FILLED GAUGE; 0-15 PSI	2-1/2"	0-15
PG30SD25	2-1/2" DRY FILLED GAUGE; 0-30 PSI	2-1/2"	0-30
PG60SD25	2-1/2" DRY FILLED GAUGE; 0-60 PSI	2-1/2"	0-60
PG100SD25	2-1/2" DRY FILLED GAUGE; 0-100 PSI	2-1/2"	0-100
PG160SD25	2-1/2" DRY FILLED GAUGE; 0-160 PSI	2-1/2"	0-160
PG200SD25	2-1/2" DRY FILLED GAUGE; 0-200 PSI	2-1/2"	0-200
PG300SD25	2-1/2" DRY FILLED GAUGE; 0-300 PSI	2-1/2"	0-300
PG600SD25	2-1/2" DRY FILLED GAUGE; 0-600 PSI	2-1/2"	0-600

SPRAYER PARTS - TEEJET, HYPRO AND WILGER

Please contact us at Polywest to special order nozzles, caps, gaskets, strainers, nozzle bodies and more.



AIXR



AI3070



CP114442A*-CE



WHY GO UNPRESSURIZED?

BANDIT LIQUID DISTRIBUTION KITS

1. Reduced stress on your ground-drive pump
2. Reduced stress and wear on the ground-drive system for the pump (particularly the sprockets)
3. More accurate measurement of the pressure being delivered to the Flow Divider, so rate calculations & pump settings become more meaningful.

In short, it means longer life for your pump, longer service from your caddy's pump-drive system and accurate delivery of liquid to the soil. We also recommend that you consider converting your existing systems to the 1-1/2" Hi-Flo manifold system to give you the benefits it can provide to your pumps, sprockets and rate accuracy. This would involve replacing the existing manifold system with the MasterKits listed on the next page and replacing the line from the pump on your Band Wagon® back to the kit with 1-1/2" fittings and hose. Also always check the flow rate from each individual pot run to ensure accurate distribution.

PB NOZZLES

- Used in conjunction with your pump setup to achieve the desired application rate from your Bandit Distribution (Pot) Kit.
- Having multiple PB Nozzles means you are able to change your pressure setting without changing orifices in every run, simply change the PB Nozzles.
- As with any wear item, PB Nozzles should be checked at regular intervals.
- Changing your PB Nozzle alone will not accurately change your application rate, always check pump settings to ensure your application rate is set properly.

To determine the correct PB nozzle for your application you will require the following information:

Width of implement (ft)

Speed of travel (m.p.h.)

Application rate (US gal/acre)

Number of fertilizer runs



USE THIS FORMULA:

FLOW RATE / NOZZLE =

**(2/1000) x WIDTH of implement (ft.) x SPEED (m.p.h.) x RATE (US gal/acre)
#NOZZLES (Flow Dividers)**

For Example:

- 35-foot chisel plow with 12" spacings, travelling 5 m.p.h.
- Desired application rate is 24 US gal / acre.
- 3 Flow Dividers have been mounted on the implement.

Answer:

$(2/1000 \times 35 \text{ ft.} \times 5 \text{ m.p.h.} \times 24 \text{ US gpa}) / 3 = 2.80 \text{ US GPM Nozzle.}$
Therefore, using the chart below, a PB-40 at 20 psi, a PB-35 at 30 psi or a PB-30 at 40 psi could be used.

PART	OPERATING PSI	NOZZLE CAPACITY	PART	OPERATING PSI	NOZZLE CAPACITY
	20	0.70		20	2.5
PB10	30	0.85	PB35	30	3
	40	1.0		40	3.5
	20	1.1		20	2.8
PB15	30	1.3	PB40	30	3.5
	40	1.5		40	4
	20	1.4		20	3.2
PB20	30	1.7	PB45	30	3.9
	40	2		40	4.5
	20	1.8		20	3.5
PB25	30	2.2	PB50	30	4.3
	40	2.5		40	5
	20	2.1			
PB30	30	2.6			
	40	3			

NOTE:

Nozzles are a wear item and should be checked at regular intervals for damage or wear. They should be changed if spray pattern is uncertain.

BANDIT LIQUID DISTRIBUTION KITS

Each Bandit Liquid Kit includes an assembly and instruction manual, all of the hose, all mounting brackets and accessories and all of the parts needed to completely equip any implement:

- For each Kit, one MasterKit is required. It determines the number of “pots” you will receive in your kit. It supplies all the parts necessary to mount the Kit and connect it to your fertilizer caddy- pressure gauge, gauge dampener, gauge mounting kit, manifold to distribute liquid to the Bandit Flow Divider “pots”, all fittings, all hose.
- Simply choose how many Flow Dividers (pots) will be best suited for the cultivator or air-seeder (usually 3-5) and the total number of runs required. The number of pots you require determines which MasterKit to order (ie. MK-1, MK-2, MK-3, MK-4, MK-5 or MK-6). To determine which RunKits to order, divide the total number of runs you need by the number of flow Dividers you have selected.
- Then, simply add RunKits to reach the total number of runs needed for your air seeder or cultivator.

TIP: For best performance, keep the number of runs per pot the same or, in the case of odd number, within one run of each other.

EXAMPLES

- 43 run Bandit Kit: needs one MK-3 MasterKit, two 14 RunKits and one 15 RunKit.
- 60 run Bandit Kit: needs one MK-5 MasterKit and five 12 RunKits or one MK-4 MasterKit and four 15 RunKits.

MASTERKITS

PART	DESCRIPTION
MK-1-H	MASTERKIT FOR 1 BANDIT FLOW DIVIDER (POT) DISTRIBUTION SYSTEM
MK-2-H	MASTERKIT FOR 2 BANDIT FLOW DIVIDER (POT) DISTRIBUTION SYSTEM
MK-3-H	MASTERKIT FOR 3 BANDIT FLOW DIVIDER (POT) DISTRIBUTION SYSTEM
MK-4-H	MASTERKIT FOR 4 BANDIT FLOW DIVIDER (POT) DISTRIBUTION SYSTEM
MK-5-H	MASTERKIT FOR 5 BANDIT FLOW DIVIDER (POT) DISTRIBUTION SYSTEM
MK-6-H	MASTERKIT FOR 6 BANDIT FLOW DIVIDER (POT) DISTRIBUTION SYSTEM



RK-10-IP

*MasterKits for systems needing more than 6 flow dividers are available. Please call for information and availability.

RUNKITS

PART	DESCRIPTION	PART	DESCRIPTION
RK-4	4 RUN BANDIT LIQUID FERTILIZER KIT	RK-13	13 RUN BANDIT LIQUID FERTILIZER KIT
RK-5	5 RUN BANDIT LIQUID FERTILIZER KIT	RK-14	14 RUN BANDIT LIQUID FERTILIZER KIT
RK-6	6 RUN BANDIT LIQUID FERTILIZER KIT	RK-16	16 RUN BANDIT LIQUID FERTILIZER KIT
RK-7	7 RUN BANDIT LIQUID FERTILIZER KIT	RK-17*	17 RUN BANDIT LIQUID FERTILIZER KIT
RK-9	9 RUN BANDIT LIQUID FERTILIZER KIT	RK-18*	18 RUN BANDIT LIQUID FERTILIZER KIT
RK-11	11 RUN BANDIT LIQUID FERTILIZER KIT		

*To order Low-Profile RunKits, suffix the ITEM# with '-LP'. (eg. RK-8-LP)

* Low-Profile pots not available for this configuration.

SHANK CLIPS

PART	DESCRIPTION
BK-SC-01	SINGLE HOSE SHANK CLIP
BK-SC	DUAL HOSE SHANK CLIP



BANDIT LIQUID KIT PARTS

PART	DESCRIPTION	PART	DESCRIPTION
FD-(X)-1/2	FLOW DIVIDER (1/2" HOSE BARBS)	61207	3/4" MALE CAMLOCK ADAPTER X FPT
FD-(X)-1/2-LP	LOW-PROFILE FLOW DIVIDER (1/2" HOSE BARBS)	61212	3/4" MALE CAMLOCK ADAPTER X MPT
BK-36SP	36" STANDPIPE	61261	3/4" FEMALE CAMLOCK ADAPTER X FPT
BK-SPB	STANDPIPE BRACKET WITH BOLTS	72022-9	1/2" BANDIT 9% TUBING / FT.
BK-GAUGE	SS PRESSURE GAUGE; 4"	72023-9	5/8" BANDIT 9% TUBING / FT.
BK-GAUGE 100	SS PRESSURE GAUGE; 4" , 100 PSI	72074	3/4" BRAIDED VINYL TUBING / FT.
BK-GD	GAUGE DAMPENER	HAS10	SS HOSE CLAMPS; 5/8"
BK-GAUGEB	GAUGE MOUNTING BRACKET	HAS24	SS HOSE CLAMPS; 1-1/2"
BK-DIA	DIAPHRAGM FOR DAMPENER	80017E	1/2" HOSE BARBS FOR FLOW DIVIDER
BK-MAN	MANIFOLD - OLD-STYLE KITS	80018E	5/8" HOSE BARBS FOR FLOW DIVIDER
BK-MANB	MANIFOLD BRACKET - OLD-STYLE KITS	80019	3/4" HOSE BARB X 1/2" MPT
BK-SC-01	SINGLE SHANK CLIP W/ CLAMP	80024	1" HOSE BARB X 3/4" MPT
BK-SC	DUAL SHANK CLIP W/ CLAMPS	80084	3/4" HOSE BARB X 3/4" MPT 90°
BRK-005	NOZZLE HOSE BRACKET	80283	1/2" PLUG - OLD-STYLE MANIFOLDS
PB-(X)	PB NOZZLES	81150	SS NIPPLE (FOR GAUGE DAMPENER)

REMOTE GAUGE MOUNTING KIT

- Provides an easy, convenient way to mount 4" gauge on any implement to provide improved visibility.
- Complete with, mounting bracket w/ hardware, 20 feet of hose, clamps.
- Note: order 4" SS gauge and gauge dampener separately (see above parts list).

PART	DESCRIPTION
BK-GAUGE/KIT	REMOTE GAUGE MOUNTING KIT FOR 4" SS GAUGE & DAMPENER

BANDIT BYPASS KIT*

Includes all of the items needed to convert caddy to a bypass system:

- Electric 3-way ball valve (2 sizes available)
- On-Off switch with 32 ft. cable harness, 10 ft. battery cable w/connectors
- All fittings, hose and hose clamps included

*FOR USE ON BANDIT BAND WAGONS

PART	DESCRIPTION
BD-BPKIT	ELECTRIC-CONTROL 3-WAY BYPASS KIT; C/W 1" 3-WAY VALVE
BDP-BYPASKI-ASY	ELECTRIC-CONTROL 3-WAY BYPASS KIT; C/W 1-1/2" 3-WAY VALVE
SWS003	SWITCH & HARNESS ASSEMBLY FOR KTS WITH SINGLE POLE, SINGLE THROW VALVES
SWS001	SWITCH & HARNESS ASSEMBLY FOR KTS WITH DOUBLE POLE, DOUBLE THROW VALVES
SWE-031	OPTIONAL SWITCH EXTENSION CABLE HARNESS; 30 FT.
344BEC-34-C (C)	1" ELECTRIC 3-WAY VALVE; SINGLE POLE, SINGLE THROW
344BEC-34-C (C)	1" ELECTRIC 3-WAY VALVE; DOUBLE POLE, DOUBLE THROW
346BEC-36-C (C)	1-1/2" ELECTRIC 3-WAY VALVE; SINGLE POLE, SINGLE THROW



FLEXIBLE AUGER DOWN SPOUTS



Corrosion and impact resistant polyethylene sections with smooth edges that will not dent or rust. Hard wearing adjustable strap fits all grain augers with either round and oval discharge. Five 12 inch sections extend to 43 inches.

PARTS	DESCRIPTION
GH-GPR85	8" ROUND AUGER SPOUT - WHITE
GH-GPR85BLK	8" ROUND AUGER SPOUT - BLACK
GH-GPR105	10" ROUND AUGER SPOUT - WHITE
GH-GPR105BLK	10" ROUND AUGER SPOUT - BLACK
GH-GPR135	13" ROUND AUGER SPOUT - WHITE
GH-GPR135BLK	13" ROUND AUGER SPOUT - BLACK
GH-GPR165	16" ROUND AUGER SPOUT - WHITE
GH-GPR165BLK	16" ROUND AUGER SPOUT - BLACK
GH-GPO85	8" OVAL AUGER SPOUT - WHITE
GH-GPO85BLK	8" OVAL AUGER SPOUT - BLACK
GH-GPO105	10" OVAL AUGER SPOUT - WHITE
GH-GPO105BLK	10" OVAL AUGER SPOUT - BLACK

NO-SNAG DOWN SPOUTS

A fresh take on the traditional style! Direct your grain safely and accurately with the new no-snap discharge spouts from Polywest.

We've reduced the number of sections per unit from five to three, courtesy of an extra long third bucket. Unlike the traditional five-piece model, this flexible unit allows for greater accuracy and helps reduce damage to the downspout and/or bin caused by snagging sections during removal. A durable and adjustable strap completes the package, which will fit most grain augers with a round or oval discharge.

These no-snap spouts feature:

1. Manufactured using high quality polyethylene resin
2. Corrosion resistant
3. Impact resistant – will not dent or damage equipment
4. Available in two colors – white and black
5. Three opening sizes available – 10", 13" and 16"
6. Available in round style only



PART	DESCRIPTION	DIAMETER (IN)	COLOR	COLLAPSED (IN)	EXTENDED (IN)
GH-GPR103L	10" AUGER 3-SECTION ROUND/LONG	10	WHITE	32	40
GH-GPR103L-BLK	10" AUGER 3-SECTION ROUND/LONG-BLACK	10	BLACK	32	40
GH-GPR133L	13" AUGER 3-SECTION ROUND/LONG	13	WHITE	47	55
GH-GPR133L-BLK	13" AUGER 3-SECTION ROUND/LONG-BLACK	13	BLACK	47	55
GH-GPR163L	16" AUGER 3-SECTION ROUND/LONG W/HD STRAP	16	WHITE	56	64
GH-GPR163L-BLK	16" AUGER 3-SECTION ROUND/LONG-BLACK W/HD STRAP	16	BLACK	56	64

GRAIN AUGER HOPPERS

PART	DESCRIPTION
GH-GPH01	MINI HOPPER- FITS 4"-5" AUGERS
GH-1002	STANDARD HOPPER - FITS 6" -10" AUGERS
GH-1004	BIG DADDY HOPPER - FITS 8" -12" AUGERS
ST-RAPC	STANDARD HOPPER REPLACEMENT STRAP - 41"
ST-RAPD	BIG DADDY HOPPER REPLACEMENT STRAP - 82"

Rotomolded of premium, UV light protected, low density polyethylene with polypropylene straps and metal buckles. Performs under extreme temperature and operating conditions.



GH-1004



GH-1002

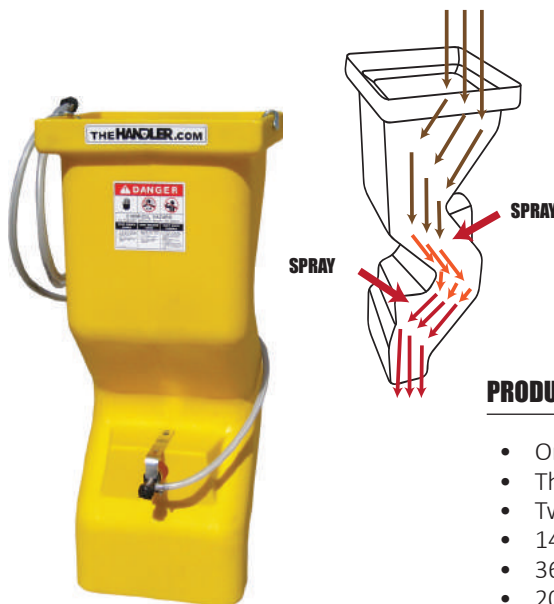
SEED TREATMENT APPLICATOR

PART	DESCRIPTION
85-HSEDAPP	ZAG SEED TREATER APPLICATOR

A simple, accurate high throughput ladder-style closed applicator with dual spray nozzles!

Suitable for products such as small grains (such as barley and wheat), pulses (such as peas and lentils) and beans (such as dry, edible or soybeans), the ZAG Seed Treater mounts easily onto auger, conveyor or hopper bottom bin discharges. It utilizes two swivel nozzles with flat fan nozzles to prevent plugging, and can apply two different products sequentially (requires two independent pumping systems).

*Requires a pumping/delivery system such as The Handler seed treatment delivery systems.



PRODUCT SPECIFICATIONS

- One piece polyethylene body
- Three shelves or ladders
- Two swivel nozzle bodies
- 14 in x 14 in opening and discharge
- 36 in total height
- 20 lbs (9 kg) total weight
- 22 tons/hour (20 MT/hr) = 735 bu/hr or 13 bu/min of wheat or soybeans input volume
- Always use treatment/inoculant manufacturers' application rates



FLEDBAG

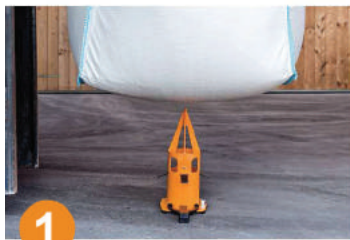
FLEDBAG®

- The innovative FLEDBAG lets you empty big bags easily, quickly and precisely.
- For pellets, chemicals, seeds, salts, feeds etc.
- FLEDBAG ORIGINAL for use with single use bags or FLEDBAG EASY for use with returnable bags.



FLEDBAG®
ORIGINAL

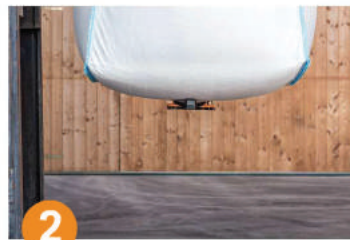
PART	DESCRIPTION
GH-FB1	FLEDBAG ORIGINAL



1

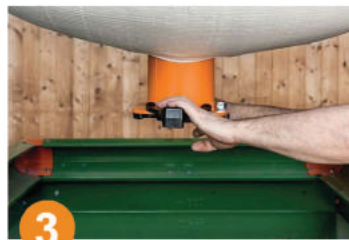
Place the FLEDBAG on a firm surface. Lift the big bag by its loops using front loader or forklift forks and position above the FLEDBAG.

CAUTION: Always position the FLEDBAG off-center and avoid piercing the bag where the material is thicker.



2

Lower the big bag so that the FLEDBAG penetrates the big bag, then raise the big bag again. For safety reasons, the FLEDBAG ORIGINAL must be inserted into the big bag at an off-center position.



3

Pull the FLEDBAG down slightly to make it easier to open and close the valve.



4

By opening and closing the FLEDBAG you can simply meter the content of the big bag. The slide must be opened towards the body.

PART	DESCRIPTION
GH-FB2E	FLEDBAG EASY

FLEDBAG®
EASY



1

Open the first knot on the big bag outlet and push the tensioning ring onto the protruding discharge hose.



2

Position the FLEDBAG EASY on the discharge hose from underneath.



3

Pull the tensioning ring down, and fasten the tensioning ring with the discharge hose on the FLEDBAG EASY. Do not attach the tensioning ring at the top edge, but along the neck of the FLEDBAG.



4

Open the second knot on the outlet so that the content can run into the FLEDBAG EASY. Open the slide to empty. The slide must be opened towards the body.



We're moving products to you faster and more efficiently than ever before.

Polywest has 3 locations including the head office, distribution and production facility in Winnipeg and distribution warehouses in Saskatoon and Edmonton.

Our Polywest semi travels between these three locations almost every week of the year, ensuring that inventory is where you need it.

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POLYWEST[®]

liquid handling products

Polywest employees have more than two centuries of combined experience.

We have worked hard, through acquisition and organic growth, to become a key supplier in Canada and the US. in liquid handling.

WHY CHOOSE POLYWEST

OUR PASSION

At Polywest, we recognize that companies live, and die, by the quality of their customer service. We have made it our mission to offer the most responsive customer service possible to go along with our quality products, industry knowledge and vast reach.

When you partner with Polywest, you are getting a commitment not only as your liquid handling products supplier of choice, but also to be the industry's top partner in terms of service, training, responsiveness and value.

OUR PARTNERS

Top manufacturers trust in Polywest to distribute their products. Along with that trust, we hope that our customers also trust us to be their source for liquid handling products.

We presently carry one of North America's largest inventories of specialty, name brand liquid handling products in our growing network of locations.

OUR EXPERTISE

Polywest has become a highly capable rotomolding facility, that when coupled with our other proprietary products, has enabled us to set ourselves apart by becoming a comprehensive provider of quality liquid handling products.

We are constantly on the lookout for new products and challenges, as well as new and innovative ways to make our existing products even more outstanding.

**mix it
move it
store it**



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