



SALES AND SERVICE

Pressure Washing | Floor Care | Truck Wash | Car Wash

Online Version



32084 Pth 311, Blumenort Manitoba, R0A 0C0

204-326-2939

Business Hours: 8:00 am to 5:00 pm CDT

Company Details

- **Over 5000 different line items in stock**
- **15 plus person staff to serve you**
 - **Custom built equipment**
 - **Pump repairs**
 - **Motor repairs**

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KÄRCHER



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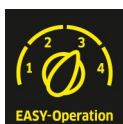
Authorised
Dealer

Find products at www.karcher.ca

Scrubber Driers

KÄRCHER

BD 50/55 W Classic BP

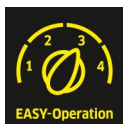


NEW

This battery-operated walk-behind scrubber drier knows how to impress during maintenance cleaning in various locations. Whether it is in retail or industry: The disc brush head with 2- inches of working width and 60 pound contact pressure, the two large (15 gallon) tanks, as well as the 33 inch wide squeegee, ensure excellent cleaning results.

Technical Specs		
Cleaning Path/Width	In	20
Brush Type	Cylindrical/disc/pad	Disc
Brush Diameter	In	20
Suction bar (squeegee) width	In	33
Solution/recovery capacity	Gal	15 / 15
Theoretical/practical productivity	Sq.ft/hr.	27,450/21,960
Operating noise level	dBA	66
Battery charger	Shelf/on board	Shelf
Brush contact pressure	Lbs	60
Brush speed	Rpm	180
Vac motor rating	Watts	500
Vac motor suction	Cfm	51
Weight with batteries	Lbs	255
Dimensions (LxWxH)	In	52 x 23 x 42

B 110 R



NEW

The brand-new B 110 R is perfect for all floors. The robust front bumper prevents damage to the machine and other objects, while speed dependent water supply saves on water and detergents. The newly designed squeegee picks up more water and requires less attention and the adjustable seat allows workers to feel more comfortable during long shifts.

Technical Specs		
Cleaning Path/Width	In	30
Brush Type	Cylindrical/disc/pad	Cylindrical and disc
Brush Diameter	In	4" cylindrical, 15" disc
Suction bar (squeegee) width	In	37
Drive	Pad-assist/traction	Traction
Solution/recovery capacity	Gal	29/29
Theoretical/practical productivity	Sq.ft/hr.	48,440/31,485
Operating noise level	dBA	59-74
Battery charger	Shelf/on board	Shelf
Brush contact pressure	Lbs	165
Brush speed	Rpm	180/1200
Vac motor rating	Watts	600
Vac motor suction	Cfm	53
Waterlift	In of water	68
Weight with batteries	Lbs	1190
Dimensions (LxWxH)	In	65 x 30 x 52
Minimum turning radius	ft	2.87
Climbing ability—maximum slope	% grade	10
Max. working speed	Mph	3.8

KÄRCHER

T 10/1, T12/1 & T15/1



Featuring a very quiet vac motor, you can trust the T series to not disturb others while in use. In addition, these canister vacuums are lightweight and portable so you can clean up in no time at all, restoring your facility to it's professional appearance.

- Ergonomically designed handle provides fatigue-free operation, even over longer operating intervals.
- Whisper-quiet for operation during normal business hours.

Technical Specs		T10/1	T12/1	T15/1
Vacuum width, floor tool	In	11.2	11.2	11.2
Vacuum hose length	ft	8.2	8.2	8.2
Power cord length	ft	33	40	50
Waste container capacity	Gal	2.65	3.2	4
Operating noise level	dBA	64	61	62
Air flow rate	Cfm	129	129	129
Waterlift	In of water	98	101	98
Weight	Lbs	13.2	14.6	17.8
Dimensions (LxWxH)	In	14 x 12 x 15	16 x 12.5 x 13.5	17 x 12.5 x 15.5

NT 2ND GENERATION: NT 30/1, NT 40/1, NT 50/1



This powerful vacuum cleaner picks up coarse dirt and liquids as well as large quantities of fine dust. Tact, the fully automatic cleaning system, cleans the filter with strong air blasts. It is ideal for long periods of uninterrupted use and constant high suction power. It is fully compliant with OSHA silica dust regulations.

TACT System (Auto Filter Clean System)

- Blasts of air clean the filter resulting in lower maintenance costs and a longer filter life ultimately saving you money.

Technical Specs		NT 30/1 Tact TE	NT 40/1 Tact TE	NT 50/1 Tact TE
Air flow rate	Cfm	150	150	150
Water lift	In	102	102	102
Container capacity	Gal	8.2	10.3	13.5
Max. power rating	W	1380	1380	1380
Sound pressure level	dBA	68	68	68
Weight	Lbs	30	32	40
Cord Length	Lbs	25	25	25
Vac hose		1-3/8" x 13 ft	1-3/8" x 13 ft	1-3/8" x 13 ft
Dimensions (LxWxH)	In	22 x 14.5 x 22.2	22 x 14.5 x 25.7	25.1 x 14.5 x 41.1

KÄRCHER

KM 70/30 C BP ADV



Fast and efficient for sweeping indoors or outdoors-on hard floor or carpet for those that need to get the job done right the first time. Rely on this sweeper to make quick work of any sweeping needs with its highly productive electronic driven broom. It also features active dust control for optimum air quality.

Technical Specs		
Cleaning path/width main broom	In	19
Cleaning path/width with 1 sb	In	28
Side broom diameter	In	13
Debris container capacity	Gal	11
Practical productivity	Sq.ft/hr.	30,800
Operating noise level	dBA	59
Sweeping method	Direct/overthrow	Direct
Weight	Lbs	105.8
Dimensions (LxWxH)	In	48.8 x 28 x 45.2

KM 75/40 W BP



Big enough to get the job done, but maneuverable to clean congested areas, count on the KM 75/40 W Bp for your sweeping needs. This machine provides the versatility to clean anywhere carpet or hard floors, indoor or out. We built it to perform day in and day out in the toughest commercial applications.

Technical Specs		
Cleaning path/width main broom	In	22
Cleaning path/width with 1 sb	In	30
Side broom diameter	In	16.5
Debris container capacity	Gal	10.5
Practical productivity	Sq.ft/hr.	36,328
Operating noise level	dBA	64
Sweeping method	Direct/overthrow	Overthrow
Weight	Lbs	172
Dimensions (LxWxH)	In	56 x 30 x 46.5

KM 100/100 R Bp



A KM 100/100 R Bp excels in locations where fine dust control is important. A large cylindrical filter effectively contains the toughest dust imaginable. Variable speed in forward and reverse, up-front seating for safety around ends of aisles make this a perfect warehouse sweeper that fits easily into most sweeping budgets. For indoor and outdoor use.

Technical Specs		
Cleaning width	In	40
Productivity	Sq.ft/hr.	83,960
Hopper Size	Gal	2 x 13.2
Main Broom Length	In	27.55
Side Broom Diameter	In	17.32
Weight	Lbs	1190 lbs. with batteries
Length	In	79.0
Width	In	39.6
Height	In	53.2

Pressure Washers

K'ARCHER

MOJAVE SERIES



Robust and innovative.

The Karcher Mojave series is the perfect all-around machine for a variety of applications and target groups, including agriculture, automotive and transportation industries. The machines deliver the highest performance for best cleaning results—all combined in a robust package. The components include unique features in the market and combine tie with quality components engineered for a high product lifetime.

Technical Specs

Model	GPM	PSI	Electrical	Steam Mode	Ship Weight (lbs)	Ship Dimensions (LxWxH) inches
HDS 3.0/20-4 Ea/Eg Standard	3.0	2000	208-230V/1ph	No	507	50 x 40 x 50
HDS 3.5/30-4 Ea Standard	3.5	3000	230V/1ph	No	507	50 x 40 x 50
HDS 4.0/20-4 Ea Premium	4.0	2000	230V1ph	Yes	550	50 x 40 x 50
HDS 4.0/30-4 Ef Premium	4.0	3000	575V/3ph	Yes	550	50 x 40 x 50
HDS 5.0/30-4 Ef Premium	5.0	3000	575V/3ph	Yes	550	50 x 40 x 50

HDS PE / DE / GE CAGE



The industrial workhorse.

Karcher Series oil-fired skids are the workhorses of the pressure washer industry. Delivering up to 8.0 GPM of hot water and up to 3500 PSI, these rugged gas powered machines are built on an open frame using heavy-gauge 1-1/4" powder coated steel and are ideal for mounting in a truck or on a trailer. The electric-start engine and powerful belt-drive Karcher KT and KX pumps are isolated from the rest of the machine on a shock-mounted sub-frame to reduce vibration. Steam combination comes standard with all models.

Technical Specs

Model	GPM	PSI	Engine	Fuel	Ship Weight (lbs)	Ship Dimensions (LxWxH) inches
HDS 3.9/30 PE Cage	3.9	3000	Honda GX390	Gas	790	54 x 56 x 55
HDS 4.7/35 PE Cage	4.7	3500	Honda GX630	Gas	855	54 x 56 x 55
HDS 4.7/35 PE Cage	4.7	3500	Honda GX630	Gas	890	54 x 56 x 55
HDS 5.6/35 PE Cage	5.6	3500	Honda GX660	Gas	852	54 x 56 x 55
HDS 5.6/35 PE Cage	5.6	3500	Honda GX660	Gas	970	54 x 56 x 55
HDS 8.0/30 GE Cage	8.0	3000	Honda GX660	Gas	805	54 x 56 x 55
HDS 8.0/30 GE Cage	8.0	3000	Honda GX660	Gas	865	54 x 56 x 55

Karcher EASY!Force Series

K'ARCHER



Karcher EASY!Force Trigger Gun



41180050

The Karcher EASY!Force trigger gun is the most effortless gun. It's cruise control like technology uses its own recoil force to hold the trigger down for you, so no more sore hands after hours of use.

Works with Karcher hose and units. Designed for all Karcher high pressure systems.

Karcher EASY!Lock Hose



61100290 - 50 ft. EASY!Lock Hose



61100140 - 100 ft. EASY!Lock Hose

Servo Control - EASY!Lock

41180080 - 3.3-4.85GPM,
41180070 - 0-3.3GPM,



Servo Control is an attachment that adjusts PSI from your wand.

Power Nozzle, for EASY!Lock



These Karcher power nozzles are designed to work with the "grey" Jet Pipe Karcher wands. If you are not sure what model you have, give us a call at (204) 326-2939 and we will try to help.

Size	0°	15°	25°	40°
032			21130710	
034			21130000	
040	21130010	21130450	21130210	21130030
042			21130070	
045		21130460	21130220	21130530
050			21130230	
052			21130240	
055			21130250	
060			21130260	
150				21130640
155			21130300	

Karcher Jet Pipe Wand



41120000: 41"/1040mm, Pivoting

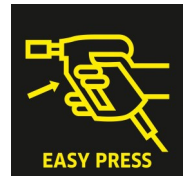
41120060: 33"/840mm, Pivoting

41120070: 24"/600mm, Pivoting

41120180: 61"/1550mm, Pivoting

41120210: 81"/2050mm, Pivoting

K'ARCHER



Karcher EASY!Press Trigger Gun



47754660 - EASY!Press Trigger Gun

The Karcher EASY!Press gun is designed with M22 connections.

The M22 threads that are on the unit can be attached to all units with available adapters. See pages 10 & 11.

Karcher Jet Pipe Wand



47605840: 41"/1050mm, Pivoting

47606610: 61"/1550mm, Pivoting

47606630: 33"/840mm, Pivoting

47606640: 24"/660mm, Pivoting

47606670: 10"/250mm, Non-Pivoting, Stainless Steel

Servo Control - EASY!Press

47754700 - 3.3-4.9GPM, 4351PSI

47754701 - 4.8-9.6GPM, 4351PSI

47755260 - 0.0-3.3GPM, 4351PSI



Servo Control is an attachment that adjusts PSI from your wand.

Nozzle Connector

54012100 - Nozzle connector, 18mm



Power Nozzle

These Karcher power nozzles are designed to work with the "black" Jet Pipe Karcher wands. If you are not sure what model you have give us a call at (204) 326-2939 and we will try to help.

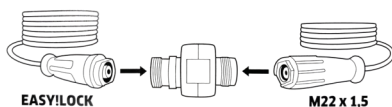
Size	0°	15°	25°	40°
034			28838030	
036			28838210	
038			28838050	
040	28845330	28833880	28833970	28845220
042			28838310	
043			28838290	
045			28833980	28845230
050	28845350		28833990	28845240
052			28834000	
055			28834010	28845250
060			28834020	
065			28834030	
070			28834040	
075				28845260
080			28834060	
100			28834080	
110	28845440		28837850	
125			28851700	
155			28851570	

Nozzles & Adapters

KÄRCHER

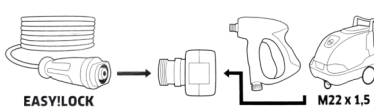
Adapter 1

41110290



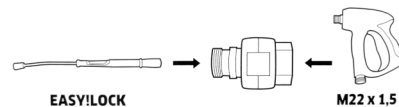
Adapter 2

41110300



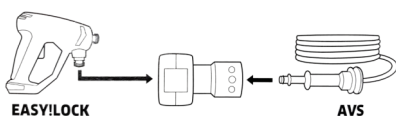
Adapter 3

41110310



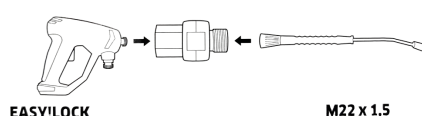
Adapter 4

41110320



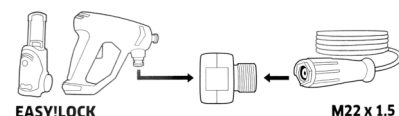
Adapter 5

41110330



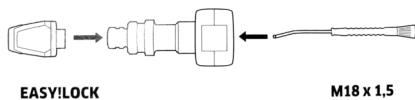
Adapter 6

41110340



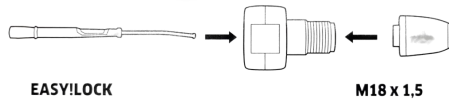
Adapter 7

41110350



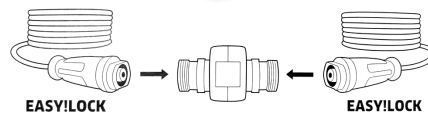
Adapter 8

41110360



Adapter 9

41110370



Nozzles & Adapters

KÄRCHER

87095300



Twist Coupler, Female -
M22 x 3/8" FIP

87095310



Twist Coupler, Female -
M22 Spacer x 3/8" FIP

ST-200040310



Twist Coupler, Female -
M15 x 3/8" FIP

87095480



Twist Coupler Plug, Male -
M22 x 3/8" FIP

87071850



Twist Coupler Plug, Male -
M22 x 3/8" MIP

85.300.142.BEP



Twist Coupler, NIPPLE,
3/8"Q/CxM22

44010910



Rotary Coupling M22

93150020



Adapter, 18mm X 1/4" MPT, for
non-Karcher Wands

41110210



Rotating Coupler, EASY!Lock

41120110



Protection part TR only for
replacement

41110420



Adapter, Male, EASY!Lock to 3/8 MPT

41110410



Adapter complete, TR2

Nozzles & Adapters

KÄRCHER

Standard MEG Nozzle



1/4 MPT

Size	0°	15°	25°	40°
2.0	87076370		87076430	87076480
2.5		87076500	87076530	
3.0	87076550	87076570	87076590	87076610
3.5	87076620			
4.0			87076730	87076750
4.5	87076780	87076790	87076800	
5.0		87076860	87076880	87076910
5.5		87076950	87076970	87076980
6.0	87077000	87077020	87077030	
6.5		87077100	87077110	
7.0	87077130			
7.5		87077190		
8.0	87077230	87077260	87077270	
9.0				87077460
12.0				87077680
15.0		87077870		87077900
25.0				87078130
30.0		87078170		87078190
40.0				87078270
60.0			251610	

Colored Quick Coupler Nozzle



Size	0°	15°	25°	40°
3.0	87084170	87084180	87084190	87084200
3.25			87085400	
3.5			87084240	
4.0		87084280	87084290	87084300
4.5	87084310	87084320	87084330	87084340
5.0	87084350	87084360	87084370	87084380
5.5	87084390	87084400	87084410	87084420
6.0	87084430	87084440		87084460
6.5	87084470	87084480	87084490	
7.0				87084540
7.5		87084560	87086910	
8.0	87084590			
10.0	87084670	87084680		87084700
12.0	87084710	87084720	87123840	87084740
15.0		87084750		
40.0			87084780	
50.0		87087110		

Graphs help determine part number

Nozzles & Adapters

Dirt Blasters

KÄRCHER

Karcher Dirt Blaster Dirt Blaster, Legacy



Product No.	Size
93024420	5.5/6
93024430	4
93024440	5
93024450	7/8
93024460	11/12
93024470	3.5
93024480	4.5
93024490	6.5

Product No.	Size
93022470	6.5
93022490	10



Turbo Nozzle



Rotary Nozzle



Product No.	Size
7265.40	4.0 BB R
7265.45	4.5 BB R
7265.50	5.0 BB
7265.55	5.5 BB R
7265.65	6.5 BB R
7270.45	4.5 BB 5000
7270.80	8.0 BB 5000
7270.90	9.0 BB R

Product No.	Size
7625.30	3.0
7625.35	3.5 BLK BB
7625.40	4.0
7625.45	4.5 BLK BB R
7625.50	5.0
7625.55	5.5 BLK BB
7625.65	6.5
7625.80	8.0 BLK BB 3650

Repair Kits available for most blasters

KÄRCHER

4350PSI EASY!Lock



Product No.	Size
41140270	050
41140300	070/080
41140360	055/060
41140410	040
41140420	045
41140430	090
41140440	120
41140460	165
41140480	100

2600PSI EASY!Lock



Product No.	Size
41140200	040
41140220	050

2600PSI Karcher



Product No.	Size
47672330	050

Nozzles & Adapters

Sewer Nozzles

Regular



Product No.	Size
87018780	#4.5
87108760	#5.5
87108770	#6
87108790	#8
87109100	#9.5
87108810	#12

3/8" Sewer



Product No.	Size
NPST497	#14
NPST491	#5.5



Ram

Product No.	Size
AATR55RR	#5.5

Rotating Ram

Product No.	Size
87108980	#5.5
87109000	#8.0



Sewer Nozzles are designed to pull themselves in to hard to reach pipes, tubes, and sewers. Their unique design has water pushing backwards to force the nozzle forward. While this is common in cleaning sewers it also is widely used in cleaning frozen culverts after winter.

Hose

Fire Hose, Black Dragon



Black Dragon features "through-the-weave" construction along with a nitrile/PVC blend rubber compound, which completely encases the jacket to provide a long lasting hose suitable for many applications such as plant wash-down and general water discharge for construction and rental companies. Black Dragon can handle temperatures of -36°F to 178°F.

Product No.	Size I.D.	Weight per ft (lbs)	Working Pressure PSI
G1372-150	1-1/2"	0.24	300
G1372-200	2"	0.32	300
G1372-250	2-1/2"	0.38	250
G1372-300	3"	0.84	250
G1372-400	4"	0.84	250
G1372-600	6"	1.48	200
G1372-800	8"	3.50	200
G1372-1000	10"	3.10	150

Garden Hose, Industrial Water



Industrial Water garden hose is a true synthetic rubber hose used everywhere by contractors and homeowners who want a real rubber product. The best choice for hot water applications. Rated to -40°C.

Product No.	Size I.D.	Length (ft)	Weight Each
G311-050GHT25	1/2"	25	5.0
G311-050GHT50	1/2"	50	9.7
G311-050GHT75	1/2"	75	14.5
G311-050GHT100	1/2"	100	19.2
G311-063GHT25	5/8"	25	6.0
G311-063GHT50	5/8"	50	11.7
G311-063GHT75	5/8"	75	17.5
G311-063GHT100	5/8"	100	23.2
G311-075GHT25	3/4"	25	8.5
G311-075GHT50	3/4"	50	16.7
G311-075GHT75	3/4"	75	25.1
G311-075GHT100	3/4"	100	33.2

Hose

Rockdrill



Rock Drill is a heavy duty, mandrel-built hose. It is designed to give top performance in sever working conditions. While it is kink resistant and very flexible, the cover is designed for extra abrasion resistance.

Product No.	Size I.D.	Size O.D.	Working Pressure PSI
G242-050	1/2"	0.89"	400
G242-075	3/4"	1.18"	400
G242-100	1"	1.50"	400
G242-125	1-1/4"	1.83"	400
G242-150	1-1/2"	2.05"	400
G242-200	2"	2.60"	400
G242-250	2-1/2"	3.21"	400
G242-300	3"	3.70"	400
G242-400	4"	4.72"	400

Piranha, Sewer Hose



Piranha® hose is constructed from materials selected to provide rugged and reliable service under even the most severe and demanding conditions found in high pressure sewer cleaning.

Product No.	Size I.D.	Size O.D.	Working Pressure PSI
186SC-02	1/8"	0.32"	4000
186SC-03	3/16"	0.41"	4000
186SC-04	1/4"	0.50"	4000
186SC-06	3/8"	0.65"	4000
186SC-08	1/2"	0.83"	4000

Grey Challenger



Grey Challenger is a double braided pressure washer hose designed for more aggressive jobs. Slightly heavier than the blue challenger it mostly gets used where rough conditions exist.

Product No.	Size I.D.	Size O.D.	Working Pressure PSI
BT-38GRY6000	3/8"	0.6811"	6000

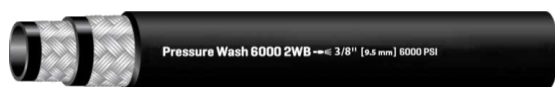
Blue Challenger



Blue Challenger is our most common, light weight, pressure washer hose. This single braided hose is light and easy to handle.

Product No.	Size I.D.	Size O.D.	Working Pressure PSI
BT-38BLU4000	3/8"	0.57"	4000

Legacy



Legacy hose is for both cold and hot pressure washers. This hose is rated for continuous temperatures of up to 250°F. Built to exceed the EN1829-2 standard and will provide superior abrasion resistance that will increase the life of the hose.

Product No.	Size I.D.	Wire Braid	Working Pressure PSI
91131390	3/8"	1	4000
91131400	3/8"	2	6000

Push On



Push-on hose, when used with push-on fittings, provides fast and neat hose assembly without the use of clamps or ferrules. Push-on is popular for air lines on lumber sorters, newsprint handling equipment, and machinery production lines. Available in (Black, Blue, Grey, Red), ask our sales staff today for specifics.

Product No.	Size I.D.	Working Pressure PSI
G103-04	1/4"	300
G103-06	3/8"	300
G103-08	1/2"	300
G103-10	5/8"	300
G103-12	3/4"	300

Hose Reels

Hose Reel, Victor



- Working PSI: 4000
- Rate temperature: 225°F
- Adjustable brake for controlled reel tension
- Convenient external swivel
- Manual rewind handle included

Product No.	Hose Size	Capacity (ft)	Reel Width	Reel Diameter
87111790	3/8"	90	6"	14"
87111800	3/8"	140	10"	14"
87111810	3/8"	200	14"	14"
87111860	1/2"	115	10"	14"
87111870	1/2"	150	14"	14"
87111820	3/8"	150	6"	18"
87111830	3/8"	300	10"	18"
87111840	3/8"	350	14"	18"
87111890	1/2"	200	10"	18"
87111900	1/2"	270	14"	18"

Hose Reel, AP



- Working PSI: 4000
- Rate temperature: 225°F
- 3/8" or 1/2" Inlet / Outlet
- Heavy-duty powder-coated steel
- Solid center corer for maximum strength

Product No.	Hose Size	Capacity (ft)	Core Width	Flange Diameter
87111920	3/8"	50	4.3"	10.5"
98040670	3/8"	100	8.7"	10.5"
87111990	3/8"	150	6.3"	13.0"
87112010	1/2"	100	6.3"	13.0"
87124600	Replacement swivel for part no. 87111920 and 98040670			
87124690	Replacement swivel for part no. 87111990			
87542800	Replacement swivel for part no. 87112010			
87001880	Replacement handle			

MagikReel



- Working PSI: 3000
- Ideal for agriculture, power wash, pest control, or construction use
- Stainless Steel
- Grease fitting for easy lubrication of cast bearings

Product No.	Hose Size	Capacity (ft)	Reel Width (With Handle)	Reel Diameter (With Handle)
MR100SS	3/8"	150	21"	14"
MR100SS	1/4"	300	21"	14"
MR300SS	3/8"	300	23-1/4"	18"

Hose Reel, COXREEL



87118580



87236490

(Hose and ball stop not included)

- Working PSI: 4000
- Rate temperature: -20°F to 225°F
- Adjustable drag brake
- 90° brass swivel
- Spring driven hose reel (optional)
- Lightweight, compact design
- Sturdy u-shape frame
- Pro-grad heavy-duty steel

Product No.	Description	PSI
87118580	200' x 1/2" (300' x 3/8" with adapter)	3000
87118600	100' x 3/8" - Challenger - Hand crank reel	4000
98022650	150' x 3/8" - Challenger - Hand crank reel	4000
87236490	50' x 3/8" - HPL Series - Spring driven reel	4000
87237180	100' x 3/8" - HPL Series - Spring Driven Reel	3000
87115910	Handle Replacement	
87115880	Locking pin assembly	
87051320	1/2" to 3/8" adapter for 87118580	
87500200	Ball stop for 87236490	
87115850	Replacement swivel, 3/8"	
87115840	Replacement swivel, 1/2"	
87115870	Swivel repair kit, 3/8"	
87115900	Swivel repair kit, 1/2"	

Trigger Spray Guns



Trigger spray guns for Truck / Car Wash / Pressure Wash

ST-202605600 – Easiest opening and holding trigger in its class. A commercial cleaner's dream, comfort technology designed trigger system helps the operator keep the trigger open.

ST-201500751 – Flow through design offers less down-time for repairs. Heavy duty molded handle.

ST-202620511 – Proper spray angle for optimal positioning of pressure points. Optimum foam created at 130° F or less.

ST-201500910 – Designed to be "universally" comfortable, even for small hands. Stainless steel spring, needle, ball, and seat. Low friction trigger.

ST-202305650 – Swivel inlet for hose positioning. Forged brass hosing for maximum strength. Ideal for connecting different lances and accessories.



ST-202605600



ST-201500751



ST-202620511



ST-201500910



ST-202305650

Part No.	Temp	GPM	PSI
ST-20150075	300° F	5	100
ST-202605600	300° F	12	5000
ST-202620511	300° F	18	4000
ST-201500910	300° F	10	5000
ST-202305650	300° F	12	5000



Trigger Guns

Giant Trigger Style Spray Guns are made to run at 10GPM and 5000 PSI. These guns can be used in a wide variety of applications.

Part No.	Inlet	Outlet	Seat
GU21250B	Brass	S.S.	Zero
GU21255B	Brass	S.S.	Weep
GU21295B	Brass	Plated	Weep
GU21290B	Brass	Plated	Zero



GU21295B



ST-2750 Spray Gun

New patented valve kit and tungsten carbide ball with special valve seat. Economical 7300 PSI spray gun with relax action trigger.

Part No.	Temp	GPM	PSI
PWG4500	300° F	8	7300



Cat Trigger Gun

Ideal for self-serve car wash use or general cleaning applications. Durable heat resistant trigger means longer life, less breakage. Rate to 300°F

Part No.	Seat	GPM	PSI
76165	Zero	8	3000
76168	Weep	8	3000
36130	Zero	10.5	5000
36131	Weep	10.5	5000

Wand Handles



Urethane - Coated Wand Handles for use with PreSoak, Clear Coat or Triple Foam Systems. Black in Color.

Part No.	Description
BC257	Wand handle with galvanized fittings
BC357S	Wand handle with S.S. fittings

Trigger Spray Guns

ST-601 Spray Gun



Ideal for cleaning vertical and overhead surfaces. Perfect for washing tractors, trailers, siding, windows, eaves, etc.

Heavy duty, impact resistant trigger guard has made the ST-601 and industry standard for manufacturers of telescoping wands.

Part No.	Temp	GPM	PSI
NPST601	300° F	12	4000

Box Type Spray Wands & Extensions

Spray Gun/Extension Units for replacements on box store pressure washers. Gun extension outlets are 22mm and designed for AL spray lances. Gun inlet is either 3/8" FPT or 22mm to match up to 22mm or 3/8" MPT hose assemblies.

87508220 Hobby Gun has 3/8" FNPT inlet and 22mm extension outlet. Rated to 3000 PSI.



87508230 Hobby Gun has 22mm inlet and 22mm extension outlet. Rated to 3000 PSI.



87508280 Spray lance is designed with 22mm inlet to match wands above. Rate to 4000 PSI. 21" with 1/4" QC on one end.



91125330 Spray lance is designed with 22mm inlet to match wands above. Rate to 3000 PSI. 22" with 1/4" QC on one end.



Part No.	Description	Inlet	Outlet
87508220	Hobby Gun with extension	3/8" FNPT	22mm
87508230	Hobby Gun with extension	22mm	22mm
87508280	21" Spray Lance	22mm	1/4" QC
91125330	22" Spray Lance	22mm	1/4" QC

General Trigger Guns



General Trigger Wands feature contour design and smooth trigger pull. Ideal for use in car and truck wash applications as well as for pressure washing and general high pressure cleaning. Inlet ports are 3/8" FPT. Discharge ports are 1/4" FPT, Maximum temperatures to 300°F

Part No.	Seat	GPM	PSI
YRL20	Zero	8	2900
IPDG4000	Zero	10.5	4500
IPDGE5010	Zero	10.5	5000
IPDGE4012W	Weep	10.5	5000
IPYG5000	Zero	10	5000

High Flow Trigger Wands

High flow trigger wands are ideal for hydro excavation and high gpm flow requirements. Ergonomic design minimizes fatigue.

Regular models are rate to 195°F.
Inline models are rated to 250°F.



Part No.	Max. Flow GPM	Max. PSI	Ports
RL84	21	8100	1/2"
YG1732	32	1750	1/2"
YG2953B	53	2900	3/4"
ML210	53	3200	3/4"
YG2527S	27	2500	1/2"
YG4032S	32	4000	1/2"

Trigger Spray Guns / Wands



Mosmatic Allrounder with recovery is ideal for smaller and hard to reach areas both indoors and out. Small compact and lightweight design is ideal for jobs large or small. Using your vac system, water can be recovered, reused, or discharged.

Name	Part No.	Size	Weight	Swivel	Rotor Arm	Nozzles
FL-AEB 200	78.280	8"	6.2 lbs.	1x DYF	2x 1/8" NPTF	2x 1503
FL-AER 200	78.290	8"	9.2 lbs.	1x KDYF	2x 1/8" NPTF	2x 1503
FL-AER 300	78.292	12"	12.3 lbs.	1x KDYF	2x 1/8" NPTF	2x 1503
FL-AER 410	78.299	16"	20.0 lbs.	1x DYF	2x 1/8" NPTF	2x 1503



FL-AER 300



FL-AER 200



FL-AEB 200



Important: We are Manitoba's only Mosmatic dealer meaning we can get you the best sales and service experience for all Mosmatic parts.



Straight With Grip Wand

Part No.	Size
ST-070000180	24"
ST-070000210	47"
ST-070000230	79"
ST-070000240	18"
ST-070000470	36"

- Our most popular wand for all applications
- Chemical Resistant



K'ARCHER

Telescoping Wand

- Rated up to a maximum 3500 PSI and 93° C/200°F water temperature
- Made for washing hard to reach areas
- Can adjust from 6-18'



87105900



87000590

Foamers

Back Pack Foamer



- Polyethylene tank with poly strainer and 3/8 stainless steel insert for corrosion resistance
- Tank capacity 16 Litres
- Trigger gun: easy pull hot water spray gun
- Stainless steel 3/8 quick coupler nipple
- Shoulder straps



Part No.	Color
BPF4LY-comp	Yellow
BPF4LB-comp	Blue

Sold Each

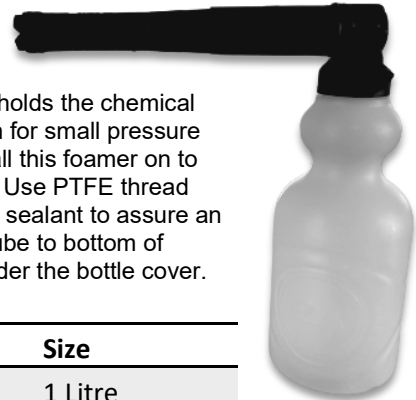
SUTTNER Foaming Lances

Stainless steel lance with vented handle grip. The Suttner foaming lance allows for air to enter the water/chemical mix at the gun, meaning there is no need for air earlier in the system to create foam.



Part No.	PSI	Temp.	Inlet MPT	Orifice	Length In	Color
ST-200072500	3625	130°F	1/4"	2.0	23.5"	Green
ST-200072600	3625	130°F	1/4"	2.0	47.25"	Green
ST-200072510	3625	130°F	1/4"	2.3	23.5"	Yellow
ST-200072610	3625	130°F	1/4"	2.3	47.25"	Yellow
ST-200072525	3625	130°F	1/4"	3.0	23.5"	Blue
ST-200072526	3625	130°F	1/4"	3.0	47.25"	Blue
ST-200072520	3625	130°F	1/4"	3.2	23.5"	Red
ST-200072620	3625	130°F	1/4"	3.2	47.25"	Red

Bottle Foamer



This bottle foamer holds the chemical mixture at your gun for small pressure washing jobs. Install this foamer on to any 1/4" fitted gun. Use PTFE thread tape or pipe thread sealant to assure an airtight fit. Attach tube to bottom of adjustable barb under the bottle cover.

Part No.	Size
39234	1 Litre
39196	2 Litre
32017	Lance only

Ask about more foamer parts. We have lots of variety in stock.

Foamer Pills

The foamer pill goes inside your foamer lance to make the solution froth, creating a thicker foam for your wash.



Part No: 39289

(Sold Each)

Nozzles & Adapters



EG Nozzles

All EG nozzles, are meant to be used with stabilizer nozzles. They all have a 0° spray angle and are available from size 2-20.



Part No.	Spray Angle	Size
0002EG	0	02
0003EG	0	03
0004EG	0	04
0006EG	0	06
0008EG	0	08
0011EG	0	11
0015EG	0	15
0020EG	0	20

Stabilizer Nozzle

(without insert nozzle)



Part No.	IN
14.901	1/4" NPTM
14.902	1/8" NPTM

Rotor Arms

These stainless steel high pressure rotor arms come in multiple variations. They are designed to eliminate dangerous vibrations and guarantee a smooth performance.



TKA 2w2

Part No.	Part No.	
1/4" Nozzles	1/8" Nozzles	Diameter
82.705	82.805	4"
82.706	82.806	6"
82.707	82.807	8"
82.708	82.808	10"
82.709	82.809	12"
82.710	82.810	14"
82.711	82.811	16"
82.712	82.812	18"
82.713	82.813	20"
82.714	82.814	22"
82.715	82.815	24"

TKA 2w3

Part No.	Part No.	
1/4" Nozzles	1/8" Nozzles	Diameter
82.720	82.820	4"
82.721	82.821	6"
82.722	82.822	8"
82.723	82.823	10"
82.724	82.824	12"
82.725	82.825	14"
82.726	82.826	16"
82.727	82.827	18"
82.792	82.892	18.5"
82.728	82.828	20"
82.729	82.829	22"
82.730	82.830	24"



TKA 4w4

Part No.	Part No.	
1/4" Nozzles	1/8" Nozzles	Diameter
82.731	82.831	8"/8"
82.733	82.833	14"/8"
82.735	82.835	16"/6"
82.737	82.837	16"/10"
82.742	82.842	18.5"/14"
82.743	82.843	20"/14"

TKA 4w5

Part No.	Part No.	
1/4" Nozzles	1/8" Nozzles	Diameter
82.746	82.846	8"/8"
82.748	82.848	14"/8"
82.750	82.850	16"/6"
82.752	82.852	16"/10"
82.757	82.857	18.5"/14"
82.758	82.858	20"/14"



TKA 3w3

Part No.	Part No.	
1/4" Nozzles	1/8" Nozzles	Diameter
82.765	82.865	4"
82.766	82.866	6"
82.767	82.867	8"
82.768	82.868	10"
82.769	82.869	12"
82.770	82.870	14"
82.771	82.871	16"
82.772	82.872	18"
82.773	82.873	20"
82.774	82.874	22"
82.775	82.875	24"



Find more Mosmatic parts at

www.mosmatic.com

Ceiling Booms



The classic straight ceiling boom has uses in many industrial fields. A few examples are car wash, food processing, mining and manufacturing. A real all-round product with versatile applications anywhere liquids, air or gas are used.

- 360° smooth rotation, rated to 4000 PSI
- Sealed bearing design
- Multiple industrial applications
- 120°C
- Inlet: 1/4" F
- Outlet: 1/4" M



Part No.	Length (in)	Weight Kg	Part No.	Length (in)	Weight Kg
66.975	33.5	7.8	66.043	81	10.8
66.962	47	8.7	66.053	88.5	11.1
66.003	57	9.6	66.063	98.5	11.4
66.013	63	9.9	66.073	108	11.7
66.023	69	10.2	66.083	118	12.0
66.033	75	10.5	66.093	228	18.0



Part No.	Length (in)	Weight Kg	Part No.	Length (in)	Weight Kg
66.503	57	10.2	66.553	88.5	12.0
66.513	63	10.5	66.563	98.5	12.3
66.523	69	10.6	66.573	108	12.9
66.533	75	11.7	66.583	118	13.7
66.543	81	11.5			



Part No.	Length (in)	Weight Kg	Part No.	Length (in)	Weight Kg
66.451	57	10.7	66.456	88.5	12.7
66.452	63	11.1	66.457	98.5	13.1
66.453	69	11.5	66.458	108	13.5
66.454	75	11.9	66.459	118	13.9
66.455	81	12.3			



Part No.	Length (in)	Weight Kg
62.041	57	10.0
62.021	63	10.4
62.001	69	10.8

Wash Accessories

Mat Clamps



40229 Clothespin Style Mat Holders are available in stainless steel construction. Impervious to rust and corrosion. Heavy duty spring and plastic block assures that mats are held firmly in place. Includes colorful, attention catching, blue or red decals.

Product No.	Construction
40229S	Clamp with Red Decal
40229S-BL	Clamp with Blue Decal
40229S-GR	Clamp with Green Decal
40229S-YL	Clamp With Yellow Decal

Wash Brush Heads



FB23540



J06-00326



SF9002B



FB1209L

Product No.	Description
FB23540	Green dip, 10", Nylon
J06-00326	Green dip, 10", C/W Bumper
SF9002B	Bi-level dip, 10", Styrene
FB1209L	Yellow dip, 18", Styrene

Wooster Extension Wand



Product No.	Construction
WS-R055	4-8ft, Extension wand
WS-R056	6-12ft, Extension wand

Wand Holders



Part No.	Description
WBP.2010.01	Aluminum, Dual Wand Holder



Part No.	Description
WBP.2010.02	Stainless, Single Wand Holder, 16"



Part No.	Description
NP759B	Stainless, Cylinder, Single Wand Holder

Foam Brush Handle

Foam brush handles are covered with a rubber grip while having the flow through ability. Use this with a wash brush head to have water and soap while brushing your unit.

Product No.	Construction
BC5BH-6	72" Aluminum, Flow Through
BC5BH-LB	40" Aluminum, Flow Through

Brush Holder

Part No.	Description
DDD714	Brush Holder, Stainless



Soap & Detergents

KÄRCHER

Fleet Aluminum Brightener

Fleet Aluminum Brightener is an extra-strength, acid-based, aluminum cleaner and brightener designed for non-polished aluminum tanks and trailers, aluminum wheels and for preparing aluminum for painting. Fleet Aluminum Brightener is effective in removing grease, oils, baked-on carbon and diesel smoke. This formula is low foaming.



Part No.	Size
98037460	5 Gallons
98037460-4L	4 Liters

Fleet Wash Detergent

Fleet Wash Detergent is a mild detergent designed for exterior cleaning of trucks, busses, equipment and implements. This special emulsifying formula contains high-powered cleaning agents that are effective on grease, road film and smoke trails. It is excellent as a pre-spray for cleaning engines, whitewall tires and vinyl and metal tops.

Fleet Wash Detergent is phosphate-free and outperforms most competitive phosphate products. It is safe to use through a pressure washer. Fleet Wash Detergent can be used on polished aluminum, stainless steel, glass, plastic, and painted surfaces.



Part No.	Size
98037240	5 Gallons
98037240-4L	4 Liters

Fleet Degreaser

Fleet Degreaser is a highly concentrated degreaser designed for petroleum based soils like heavy deposits of oil, grease and dirt as well as axle or fifth-wheel grease, hydraulic oils and diesel smoke stains.

Fleet degreaser is formulated to pass through a pressure washer without damaging the high-pressure pump and is, therefore, safe to use through a pressure washer. It is also safe to use on aluminum, stainless steel, glass, plastic, painted surfaces. Fleet Degreaser is phosphate-free and outperforms competitive phosphate formula products.



Part No.	Size
98037340	5 Gallons
98037340-4L	4 Liters

Warehouse Floor Cleaner

Designed to pick up and suspend grit and dense concrete-type soil associated with warehouse floors. Eliminates chalking residue other cleaners leave behind. Use on finished or unfinished concrete. Safe for polished and painted concrete floors. No-rinse formula is designed to remove soil and leave a streak-free finish. Developed for floor scrubber machines, this formula is non-foaming, phosphate-free and contains ingredients that protect the machine from scales and contaminants.



Part No.	Size
86981070	5 Gallons
86981070-4L	4 Liters

Soap & Detergents

KÄRCHER

Vehicle Wax

Added as a final rinse, Vehicle Wax is a long lasting liquid wax that creates a durable finish that improves a vehicle's appearance and helps keep dirt from adhering to the surface. It gives added protection against salt, air pollution and acid rain and can be used safely on virtually every surface, including aluminum, stainless steel, glass, plastic, paint and fine automotive paint finishes.



Part No.	Size
86981470	5 Gallons
86981470-4L	4 Liters

RM 110 Pump & Coil Protectant

Pump and Coil Protectant is a multi-component product made from heat-resistant organic and inorganic salts. Its stabilizing action on the minerals, which causes hardness in water, is based on its ability to impede the growth of mineral deposits. This product is proprietary to machines that have a built in dispenser for this product. Keeps your machine running efficiently with optimum performance and reliability.



Part No.	Size
95560110	5 Gallon
95561110	4 Liters

Chemical Pumps

FLOJET Pump



FLOJET Industrial G57 and G57C Pumps are designed for general commercial and industrial applications. These pumps are constructed from a selection of materials for handling a broad range of chemicals.

- Highest flow rate for any air pump of comparable size
- Stall-proof design with patented shuttle valve
- Easy installation with all quick disconnect ports
- Robust design with durable integral mounting
- Sanitary design with inset molded diaphragm
- Leak resistant radial seals, no critical O-ring seals
- Quiet operation with large exhaust muffler

Specifications

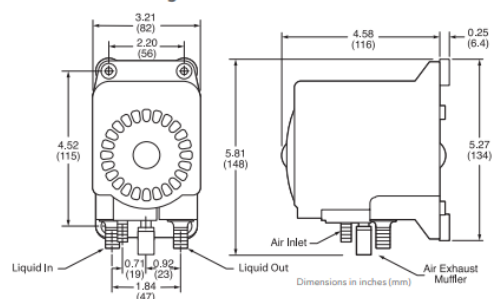
Pump Design	Double Diaphragm
Flow Rate	Up to 5 GPM
Air Inlet Pressure	20 to 100 PSI
Liquid Temperature	120°F Nominal
Self Priming	Up to 15ft
Ports	Air Inlet 1/4", Liquid Inlet/Outlet 3/8" or 1/2"
Net Weight	1.2 lbs.

Applications

- Chemical Transfer and Dispensing
- Solvent Applications
- Parts Washers
- Ink Transfer
- Car Wash Systems



Dimensional Drawing



Kalrez® and Viton® Extreme are trademarks or registered trademarks of DuPont Performance Elastomers.

Product No.	Description
87023210	3/8", Santoprene
87023220	3/8", Viton
87023230	1/2", Santoprene
87023240	1/2", Viton



MagikMinder

The MagikMinder maintains a reservoir with accurately preset mixed chemical solution. Instant solution level adjustment, no pouring, stirring or hand mixing required. Magnetically operated float valve requires no wiring or electricity. Color coded metering tips conveniently allow the water-to-product ratios to be accurately set. Corrosion resistant components. Convenient ball valve for water supply shut off with standard garden hose connection. Syphon breaker prevents backflow of chemical into water supply line. Mounting bracket included.

Specifications

Dilution Range	4:1 to 240:1
GPM @40PSI	4.5
Inlet Connection	3/4" Female Garden Hose



Part No.	Description
MM100	Mixing Float Valve
MM10	Eductor for MM100

Poly Tanks

Narrow Poly Vertical Tanks



These Polyethylene Tanks have been designed with a narrow diameter for tight places and for use in containment dikes. They work well as supply tanks for pressure washers.

Designed for products weighing up to 14 lbs./Gallon.

Product No.	Gallons	Diameter	Height	Drain	Fillwell	Weight.
VT0055-20	55	20"	47"	1"	5"	23 lbs.
VT-105	105	23"	65"	1"	7"	40 lbs.
VT0135-23	135	23"	82"	1"	16"	47 lbs.
VT0135-28	135	28"	59"	1"	8"	47 lbs.
VT0175-31	175	31"	61"	1-1/2"	8"	56 lbs.
VT0225-31	200	31"	76"	1-1/2"	8"	66 lbs.
VT0300-35	300	35"	81"	2"	8"	88 lbs.
VT0425-42	425	42"	75"	2"	8"	102 lbs.
VT0505-46	505	46"	80"	2"	16"	120 lbs.
VT0600-46	600	46"	91"	2"	16"	132 lbs.
VT0800-46	800	46"	118"	2"	16"	175 lbs.
VT1000-64	1000	64"	81"	2"	16"	252 lbs.
VT1500-64	1500	64"	115"	2"	16"	337 lbs.

Slim Line Storage Tanks



Slim line storage tanks are the perfect choice when it is necessary to have water supply in a small area like an enclosed wash trailer. Constructed of medium-density, polyethylene with UV inhibitors. Translucent white walls allow for level viewing and feature gallonage indicators. Available in 250 to 1,000 gallon capacities. Standard with 16" lids and outlet fittings as noted.

Product No.	Gallons	Diameter	Fitting	Weight
RT SPO250UT	250	62" x 29" x 42"	1-1/2"	115 lbs.
RT SPO400UT	400	62" x 29" x 66"	2"	209 lbs.
RT SPO500UT	500	74" x 31" x 70"	2"	223 lbs.
RT SPO750UT	750	82" x 35" x 86"	2"	318 lbs.
RT SP1000UT	1000	40" x 92" x 89"	2"	407 lbs.

We offer a wider range of tanks than listed above. Call us today regarding your specific need.

Water Heaters



High Pressure Hot Water Heaters

Instantaneous continuous coil design provides continuous flow at low operating cost for either natural or LP gasses. Stainless steel shell withstands years of use and will not rust.

Ideal for high pressure hot water systems - pump is not exposed to hot water as water is heated after pump.

Steel coil is constructed of schedule 80 3/4" pipe for working pressures to 3000 PSI.

Your choice of electronic ignition or standing pilot.

PROSAFE II heater control utilizes microcontroller technology to provide overheat lockout protection, automatic vent damper control, power venter control, self-diagnostics and visual display of heater operation.

Digital display of temperature setting.

Available with automatic vent damper to reduce heat loss and protect the heater from freezing conditions.

Optional power venter reduces vent size and allows side wall venting

Ideal for industrial, agricultural or car wash high pressure hot water systems

- PROSAFE II heater control utilizes microcontroller technology to ensure reliable and safe heater operation. The control provides visual status of heater operation and self-diagnostics through its panel display. In addition, overheat lockout protection guards against the hazards of over-heating, and coil freeze warning provides notification to protect the coil from damage due to freezing.
- The PROSAFE II control also provides easy hookup for either or both an optional automatic vent damper and a power venter.
- Choice of optional floor stand or raised heater stand.
- Draft hood and safety pressure relief valve provided.
- CSA approved.



Model No.	Recovery	Specifications			
		BTU Input	Diameter	Height	Required Floor Space
HWG40	3.1 GPM - 180° Rise 4.1 GPM - 135° Rise 5.5 GPM - 100° Rise	395,000	24"	46"	30" x 36"
		Stack Size	Gas Inlet Size	Coil Pipe Size	Shipping Weight (Approx.)
		10"	3/4"	3/4"	418 lbs.
HWG20	2.0 GPM - 140° Rise 2.9 GPM - 100° Rise 4.1 GPM - 70° Rise	200,000	16"	35-1/2"	20" x 30"
		Stack Size	Gas Inlet Size	Coil Pipe Size	Shipping Weight (Approx.)
		7"	3/4"	1/2"	200 lbs.

HWG40-125 - Optional stand for Magikist burner.

Call PFP for parts relating to Magikist burners.

Burner Parts

Beckett

PowerLight Igniters

- Available in 120Vac, 240Vac, 12Vdc, and 24Vdc versions.
- UL recognized in the US and Canada (120Vac and 240Vac only).
- Small size and lightweight.
- Adapts to multiple baseplates - making it the most versatile unit on the market. It will also fit on many other vendors' transformer baseplates.
- 20 kV peak rating guarantees quick and efficient ignition.
- Vacuum encapsulation process using a synthetic resin provides resistance to moisture and excellent heat dissipation and electrical insulation.
- Case material is a high-temperature thermoplastic that provides high impact strength and scratch resistance, and is impenetrable to most chemicals.

120V Igniter, S, SF, SM



51824U

12V Igniter



5218301U

240V Igniter, AF, AFG, CF375



5250001U

Clothing

SIOEN

Coveralls



Part No.	Size
85251-XXXL-E	XXXL
85251-XXL-E	XXL
85250-XL-E	XL
85250-L-E	L
85250-M-E	M
85250-S-E	S

Pants with Straps



Part No.	Size
4600-XL	XL
4600-L	L
4600-M	M

Jackets



Part No.	Size
7820-XL	XL
4820-L	L
4820-M	M

Gloves



Part No.	Size
LT-20040-11	18"
LT-20040-10	18"
LT-20030-11	13"
LT-20030-8	13"

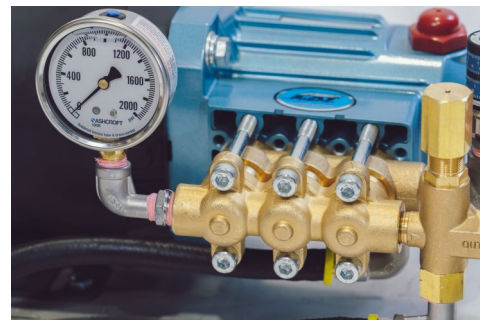
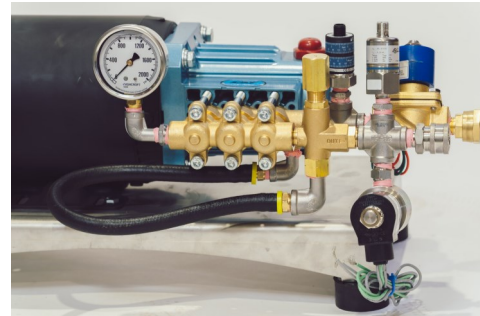
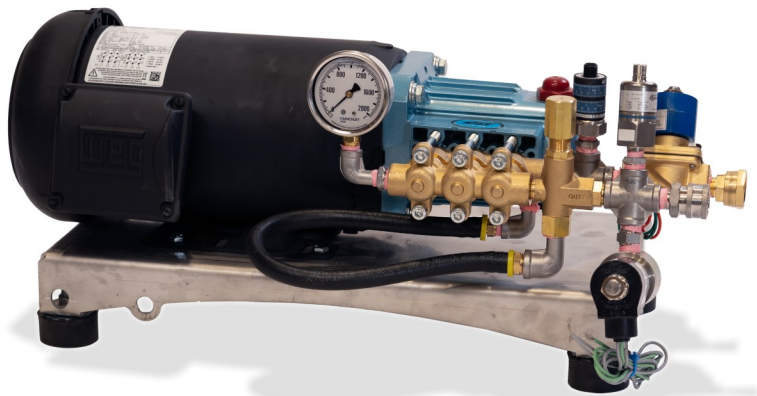


Custom Pressure Washers

Custom Pressure Washers

Class 1D5

PFP
SALES AND SERVICE



Features

- Cat pumps, providing high performance and long life
- Stainless steel frame
- Designed for misting systems

TECHNICAL DATA

Product No.	Stationary/ Portable	GPM	PSI	Drive	HP	Electrical	Amps	Control	Controller Type	Pump	Motor	Motor RPM
1D5.00.02213	Stationary	2	1300	Direct	2	240VAC/ 1Ph	11.5	WO		Cat	Baldor	3450
1D5.00.03212V	Stationary	3.5	1200	Direct	3	240VAC/ 1Ph	7.02	CW	Constant Pressure	Cat	WEG	3450
1D5.00.05215	Stationary	3.5	1500	Direct	5	240VAC/ 1Ph	23	WO		Cat	Baldor	3450
1D5.01.02110S	Portable	2.7	1000	Direct	2	120VAC/ 1Ph	20	WO	Switch	Cat	AGI	3450
1D5.01.05220C	Portable	3.5	2000	Direct	5	240VAC/ 1Ph	24	CW	Standard	Cat	UEM	1800

Custom Pressure Washers

Class 10

PFP
SALES AND SERVICE



110.01.10230C



110.02.07230

Features

- Cat pumps, providing high performance and long life.
- Stainless steel frame.
- Units ranging from 7-10hp.
- 15ft. power cable on portable unit.
- Optional VFD (Variable Frequency Drive) systems programmed in house for your needs.
- Designed for small to medium industrial or agricultural applications where high GPM and PSI are required.

TECHNICAL DATA

Product No.	Style	GPM	PSI	Drive	HP	Electrical	Amps	Control	Controller Type	Pump	Motor Brand	Motor RPM
110.01.07230C	Portable	3.8	3000	Belt	7.5	240VAC/ 1Ph	31	CW	Standard	Cat	Century	1800
110.01.10230C	Portable	4.9	3000	Belt	10	240VAC/ 1Ph	39	CW	Standard	Cat	Century	1800
110.01.10220C	Portable	7.3	2000	Belt	10	240VAC/ 1Ph	39	CW	Standard	Cat	Century	1800
110.02.03612	Stationary	3.5	1200	Belt	3	600VAC/ 3Ph	3.4	WO		Cat	Nidec	1800
110.02.05218	Stationary	4	1800	Belt	5	240VAC/ 1Ph	24	WO		Cat	Nidec	1800
110.02.05618	Stationary	4	1800	Belt	5	600VAC/ 3Ph	5.4	WO		Cat	Nidec	1800

Custom Pressure Washers

Class 10



TECHNICAL DATA

Product No.	Style	GPM	PSI	Drive	HP	Electrical	Amps	Control	Controller Type	Pump	Motor Brand	Motor RPM
110.02.05818	Stationary	4	1800	Belt	5	208VAC/ 3Ph	14.3	WO		Cat	Nidec	1800
110.02.07230	Stationary	4	3000	Belt	7.5	240VAC/ 1Ph	30	WO		Cat	Nidec	1800
110.02.07230C	Stationary	3.8	3000	Belt	7.5	240VAC/ 1Ph	30	CW	Dual Timer	Cat	Nidec	1800
110.02.10220	Stationary	8	2000	Belt	10	240VAC/ 1Ph	39	WO		Cat	Century	1800
110.02.10230	Stationary	4.9	3000	Belt	10	240VAC/ 1Ph	39	WO		Cat	Nidec	1800
110.02.10230C	Stationary	4.9	3000	Belt	10	240VAC/ 1Ph	39	CW	Dual Timer	Cat	Nidec	1800
110.02.10620V	Stationary	8	2000	Belt	10	600VAC/ 3Ph	9.9	CW	Constant Pressure	Cat	Nidec	1800
110.02.10630	Stationary	4.9	3000	Belt	10	600VAC/ 3Ph	9.9	WO		Cat	Nidec	1800
110.02.10630C	Stationary	4.9	3000	Belt	10	600VAC/ 3Ph	9.9	CW	Dual Timer	Cat	Nidec	1800
110.02.10820V	Stationary	8	2000	Belt	10	208VAC/ 3Ph	26.9	CW	Constant Pressure	Cat	Nidec	1800
110.02.10830	Stationary	4.9	3000	Belt	10	208VAC/ 3Ph	26.9	WO		Cat	Nidec	1800
110.02.10830C	Stationary	4.9	3000	Belt	10	208VAC/ 3Ph	26.9	CW	Dual Timer	Cat	Nidec	1800



110.02.10630



Custom Pressure Washers

Class 20



Features

- Cat pumps, providing high performance and long life.
- Stainless steel frame.
- Units at 15-20 hp.
- Optional VFD (Variable Frequency Drive) systems programmed in house for your needs.
- Designed for medium to large industrial or agricultural applications where high GPM and PSI are required.

TECHNICAL DATA

Product No.	Stationary/Portable	GPM	PSI	Drive	HP	Electrical	Amps	Control	Controller Type	Pump
120.02.15620V	Stationary	10	2000	Belt	15	600VAC/ 3Ph	13.8	CW	Constant Pressure	Cat
120.02.15820V	Stationary	10	2000	Belt	15	208VAC/ 3Ph	35.6	CW	Constant Pressure	Cat
120.02.20230V	Stationary	10	3000	Belt	20	240VAC/ 1Ph	100	CW	Constant Pressure	Cat
120.02.20630	Stationary	10	3000	Belt	20	600VAC/ 3Ph	20	WO		Cat
120.02.20630C	Stationary	10	3000	Belt	20	600VAC/ 3Ph	20	CW	Dual Timer	Cat
120.02.20630V	Stationary	10	3000	Belt	20	600VAC/ 3Ph	19	CW	Constant Pressure	Cat
120.02.20830V	Stationary	10	3000	Belt	20	208VAC/ 3Ph	48	CW	Constant Pressure	Cat

Custom Pressure Washers

Class 30

PFP
SALES AND SERVICE



Features

- Cat pumps, providing high performance and long life.
- Stainless steel frame.
- Units at 20-30 hp.
- Optional VFD (Variable Frequency Drive) systems programmed in house for your needs.
- Designed for medium to large industrial or agricultural applications where high GPM and PSI are required.
- For systems with 1-5 guns.

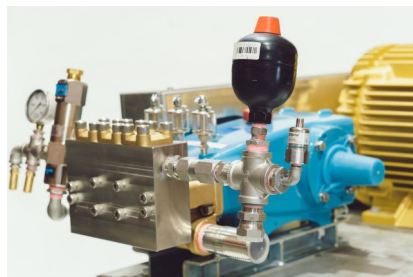
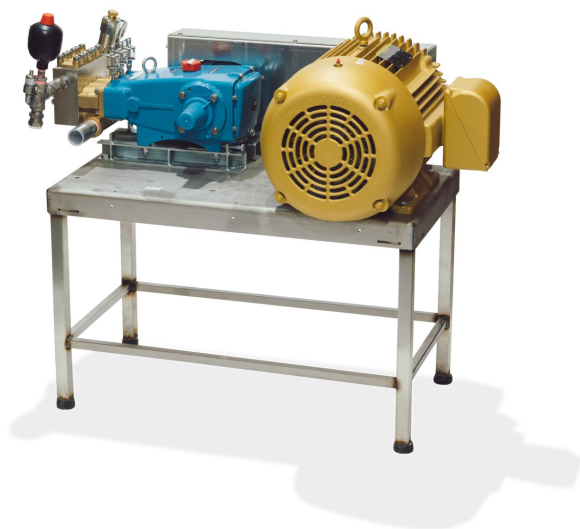
TECHNICAL DATA

Product No.	Stationary/Portable	GPM	PSI	Drive	HP	Electrical	Amps	Control	Controller Type	Pump
130.02.20620V	Stationary	15	2000	Belt	20	600VAC/ 3Ph	20	CW	Constant Pressure	Cat
130.02.30630V	Stationary	15	3000	Belt	30	600VAC/ 3Ph	30	CW	Constant Pressure	Cat

Custom Pressure Washers

Class 50

PFP
SALES AND SERVICE



Features

- Cat pumps, providing high performance and long life.
- Stainless steel frame.
- Units at 50 hp.
- Optional VFD (Variable Frequency Drive) systems programmed in house for your needs.
- Designed for large industrial or agricultural applications where high GPM and PSI are required.
- For systems with 1-8 guns.

TECHNICAL DATA

Product No.	Stationary/Portable	GPM	PSI	Drive	HP	Electrical	Amps	Control	Controller Type	Pump
150.02.50630V	Stationary	25	3000	Belt	50	600VAC/ 3Ph	50	CW	Constant Pressure	Cat
150.02.50830	Stationary	25	3000	Belt	50	208VAC/ 3Ph	116	CW	Constant Pressure	Cat

Custom Pressure Washers

Definitions



Cat Pumps: Cat Pumps are the most dependable positive displacement high-pressure triplex pumps.

Control Types:

Constant Pressure (V): Constant Pressure means the unit is fitted with a VFD that ramps or slows down the motor providing the same pressure whether there is one or multiple guns being used.

Dual Timer (C): Dual Timer means the unit is fitted with a safety lockout which protects the pump from running for prolonged periods of time when not being used. The timer in this case is started once the pump is turned on, requiring the user to restart the pump if washing past the given limit.

Standard (C): Standard means that the unit is fitted with a time out system that only gets activated once the trigger gun is released.

Drive:

Belt: Belt drive means the pump and the motor are connected by a belt which allows them to move freely of each other if one has problems.

Direct: Direct drive means the pump and motor are connected direct to each other. This is used when space is limited.

Product Number:

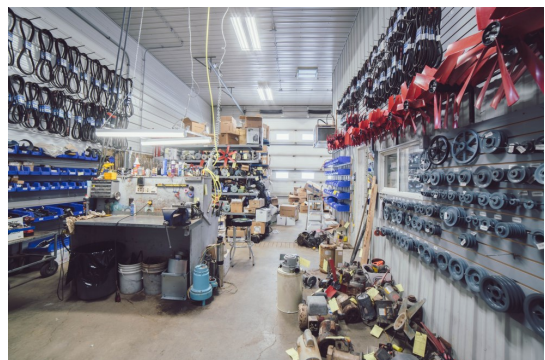
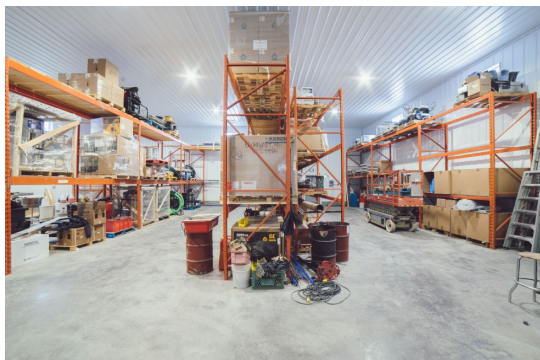
(CLASS) (SET UP) (HORSE POWER) (VOLTAGE) (PSI) (CONTROL)

110.02.10620V

PSI: Identifies the first two digits of the pressure, 20 = 2000, 18 = 1800, etc.

Voltage: (2) means 240, (8) means 208, (6) means 600, (1) means 120

Control: (C) means either Standard or Dual Timer, (V) means Constant Pressure with a VFD



PAP

SALES AND SERVICE



Electric Motors

Electric Motors

AG-Industrie

Feed Auger Drive Motors 56NY 2-hole flange

- 2 hole "56N" flange (6-3/8" center)
- Manual thermal protector
- Wrench extension (7/16") on rear shaft
- "Legacy" heavy duty design & durable steel fan guard
- Overspeed protection for centrifugal switch
- Epoxy powder coat paint - upgraded gasketing



*K294 1.0 HP



C292 1/2 HP

< = 1/2 x 1.5 in. shaft with flat

+ = 5/8 x 2.0 in. shaft with keyway

* = Premium Efficiency

TECHNICAL DATA									
HP	RPM	Frame	Voltage	IND#	Ref. No.	230V FLA	Overload	Weight lbs.	"C" DIM.
.33	1800	56NY	115-208-230	C291	<C334DF5NMAU	2.9	MAN.	25	11.3
.50	1800	56NY	115-208-230	C292	<C054DF5NMAU	3.9	MAN.	26	11.3
.75	1800	56NY	115-208-230	C293	<C754DF5NMAU	5.0	MAN.	30	11.9
1.0	1800	56NY	115-208-230	K294	*+K104DF5NMAU	4.4	MAN.	39	13.1
1.5	1800	56NY	115-208-230	K295	+K154DF5NMAU	9.0	MAN.	43	13.5

AG-Industrie

Agricultural Fan Motors TEA0 - PSC - High Performance

Benchmark Variable Speed Performance

- Water-tight compartment houses wiring, auto thermal, capacitor
- Locked, double sealed bearings for all angle mounting
- Precision balanced rotor
- Oil seal in drive end



"M" - Base + Extended Thru-Bolts



"A" = 3 Arm Mount

1625 & 1060 RPM, 1 Phase

TECHNICAL DATA									
HP	RPM	Frame	IND#	Voltage	230V FLA	Weight Lbs.	Mount	Shaft	Capacitor
.25	1625	48	H899	115/208-230	1.3	18	M	.5 X 2.5	RPR-25-1.8
	1625	48	H909	115/208-230	1.3	18	A	.5 X 2.5	RPR-25-1.8
	1060	48	^H460	115/208-230	1.3	18	M	.5 X 2.5	RPR-20-1.6
.33	1625	48	H900	115/208-230	1.8	19	M	.5 X 2.5	RPR-25-1.8
	1625	48	H910	115/208-230	1.8	19	A	.5 X 2.5	RPR-25-1.8
	1075	48	H461	115/208-230	1.9	21	M	.5 X 2.5	RPR-25-1.8
.50	1625	48	H901	115/208-230	2.6	22	M	.5 X 2.5	RPR-35-1.8
	1625	48	H911	115/208-230	2.6	22	A	.5 X 2.5	RPR-35-1.8
	1060	48	H462	115/208-230	2.8	24	M	.5 X 2.5	RPR-35-1.8
Mounting arms (each)			HG-7	7 inch arm for 3 arm models (MOUNT "A")					
Mounting arms (each)			HG-12	12 inch arm for 3 arm models (MOUNT "A")					

^ Always factory ordered

All motors have automatic thermal overload

Electric Motors

AG-Industrie

Pedestal Fan - TEA0 - PSC

Low amp, Heavy Duty replacement for standard pedestal fan.

- Y970Z - Yoke mounted 3.875" from rear of shaft
- Y729 has 115V switch, cord and plug



V = Variable Speed

TECHNICAL DATA									
HP	RPM	Frame	IND#	Thermal Overload	Voltage	230V FLA	Weight lbs.	Mount	Shaft"
.25	1650	48Y	Y731	Automatic	115/208-230	1.3	14	PED	.5 x 2.5
.33	1650	48Y	Y732	Automatic	115/208-230	1.7	15	PED	.5 x 2.5
		48Y	Y729	Automatic	115	3.4	16	PED	.5 x 2.5
	1060	48Y	Y892	Automatic	115/208-230	1.5	24	PED	.5 x 2.5
.50	1650	48Y	Y833	Automatic	115/208-230	2.5	21	PED	.5 x 2.5
		48Y	Y970Z	Automatic	115/208-230	2.3	22	PED	.5 x 2.5
	1060	48Y	Y893	Automatic	115/208-230	2.7	27	PED	.5 x 2.5

Belt Drive Fan - TEA0 - 1 Phase & 3

- 1 Phase models are Cap Start-Cap run
- Torq® centrifugal and stationary switches
- Precision balanced rotor

Phase



† = Inverter Ready

*** = Premium Efficiency**

A782

TU02A

TECHNICAL DATA									
HP	RPM	Frame	IND#	Thermal Overload	Voltage	230V FLA	Weight lbs.	FL EFF %	"C" DIM.
.50	1725	56	A580	Automatic	115/208-230	2.2	30	80.6	10.5
.75	1725	56H	A581	Automatic	115/208-230	3.4	33	82.0	10.8
1	1725	56H	*A782	Automatic	115/208-230	4.3	46	85.0	11.8
	1150	56H	*K401	NONE	115/230	5.9	49	72.1	13.5
1.5	1725	56H	*A594	Automatic	115/208-230	6.8	49	82.0	12.8
			*TU03A	Automatic	208-230/460/3	4.4	42	86.5	12.7
			*TC03A	Automatic	575/3	1.8	42	86.5	12.7
2	1725	145T	*A595	Automatic	230/1	9.5	47	83.0	14.3
			*TU02A	Automatic	208-230/460/3	5.5	51	86.5	12.6
			*TC02A	Automatic	575/3	2.1	51	86.5	12.6

Premium Efficiency Belted Fan - 48 Frame

- High Efficiency split start / cap run
- Design B starting torque for all fan loads
- NEMA 48, Resilient base
- Precision balanced rotor
- Very quiet, smooth operation



B405

TECHNICAL DATA									
HP	RPM	Frame	Voltage	IND#	REF NO.	115V FLA	FL EFF %	Weight	"C" DIM.
.25	1800	48	115	B602	B254LD4RA00	2.5	71.0	18	9.88
.33	1800	48	115	B405	B334LD4RA00	3.2	75.0	19	9.88
.50	1800	48	115	B585	B054LD4RA00	4.6	76.0	24	10.50

Electric Motors

AG-Industrie

Agricultural Fan Motors Totally Enclosed - Air Over (TEA0)

1625, 1060, 850 RPM
115/230V, 208-230/460V, 575V

- PSC design has no mechanical switches
- Low running amps and high power factor
- Class "F" insulation, Class "B" temp. rise
- Epoxy powder coat paint / Upgraded gasketing
- Precision balanced rotor



"M" Base + Ext. thru-bolts



"T" 3 Bracket + Ext. thru-bolts

*** = 1 Speed Only (recommended)**

*** = Premium Efficiency**

† = Inverter Ready

TECHNICAL DATA									
HP	RPM	Frame	IND#	Voltage	230V FLA	Weight	Mount	Shaft"	Capacitor
.16	3000	3.4"	F217	115/230	1.2	8.5	M	.375 X 2.0	OR-56-2.2
.25	1625	48	F799	115/230	1.5	18	M	.5 X 2.5	OR-7.5-2.2
		48	F984	115/230	1.5	18	E	.5 X 2.5	OR-7.5-2.2
	1075	48	F260	115/230	1.2	21	M	.5 X 2.5	OR-20-2.5
.33	1625	48	F800	115/230	1.8	19	M	.5 X 2.5	OR-10-2.5
		S56	F816	115/230	1.8	19	M	.625 X 1.88	OR-10-2.5
		48	F803	115/230	1.8	22	T	.5 X 2.5	OR-10-2.5
		48	F985	115/230	1.8	22	E	.5 X 2.5	OR-10-2.5
	1075	48	F261	115/230	1.5	24	M	.5 X 2.5	OR-25-3
		48	F261T	115/230	1.5	24	T	.5 X 2.5	OR-25-3
	1060	S56	F263	115/230	1.5	24	M	.625 X 1.88	OR-25-3
		48	F801	115/230	2.5	21	M	.5 X 2.5	OR-35-3.4
.50	1625	S56	F817	115/230	2.5	21	M	.625 X 1.88	OR-35-3.4
		48	F804	115/230	2.5	21	T	.5 X 2.5	OR-35-3.4
		48	F986	115/230	2.5	21	E	.5 X 2.5	OR-35-3.4
		48	F946	115/230	2.5	27	M	.5 X 2.5	OR-35-3.4
	1060	48	F946T	115/230	2.5	27	T	.5 X 2.5	OR-35-3.4
		48Z	F836	115/230	3.0	24	K	.625 X 2	OR-30-3
	850	48Z	F835	115/230	3.0	24	E	.625 X 2	OR-30-3
		48Q	F838	115/230	3.0	25	Q	.625 X 2	OR-30-3
		48Q	T840	575	1.0	25	Q	.625 X 2	N/A
		48Q	T839	208-230/460	2.4	25	Q	.625 X 2	N/A
		48Q	T840A	575	1.0	25	Q	.625 X 2	N/A
		48Q	T839A	208-230/460	2.4	25	Q	.625 X 2	N/A
	1060	56HZ	F847	115/230	3.6	36	M	.625 X 2.625	OR-35-3.4
		56H	F161	115/230	5.9	45	M	.625 X 1.88	
1.0	1725	56	*T606	575/3	1.2 (575)	42	E	.625 X 1.88	N/A
		56	*T635	208-230/460	3.0	42	E	.625 X 1.88	N/A
	850	56L	F648	230/1	4.6	46	L	.75 X 2.0	RR-25-3
		56CZ	F644	230/1	4.6	45	C	.75 X 3.5	RR-25-3
		56	F537	230/1	4.6	46	B	.625 X 2	RR-25-3
		56H	T540A	575/3	1.8 (575)	45	B	.625 X 2.1	N/A
		56H	T539A	208-230/460	2.1	45	B	.625 X 2.1	N/A



"L" = 6 Bracket F648



"C" = C-flange F644



"B" = Rigid base F537
*T540A, *T539A
* = no capacitor



"K" = Resilient base +
Extended thru-bolts
F836



"E" = Extended thru-
bolts F835, F984,
F985, F986, *T606,
*T635
* = no capacitor



"Q" = 4-Bracket +
Extended thru-bolts
F838, *T840, T839,
*T840A, T839A
* = no capacitor

Electric Motors



Stainless Steel - Washdown Duty IP69K Enclosure



Assembled in Canada

- IP69K Enclosure
- Conduit box: 3-piece welded, rotatable
- Easy to clean Ra1 (N1) "Mirror-polished" finish



1.0 S.F. @ 208V. Or 50Hz

TECHNICAL DATA									
HP	RPM	Frame	ENCL	575V		208-230/460V		Weight lbs.	"C" DIM.
				IND#	FLA	IND#	FLA 230V		
.33	3600	56C/No FT.	TENV	SS132CNC	0.38	SS132UNC	1.0	28	10.76
		56C/FT.		SS132CN	0.38	SS132UN	1.0	28.3	10.76
	1800	56C/No FT.		SS134CNC	0.5	SS134UNC	1.3	29	9.78
		56C/FT.		SS134CN	0.5	SS134UN	1.42	31	10.76
.50	3600	56C/No FT.	TENV	SS122CNC	0.56	SS122UNC	1.58	28	10.76
		56C/FT.		SS122CN	0.56	SS122UN	1.58	28	10.76
		56C/No FT.	TEFC	SS122CFC	0.56	SS122UFC	1.58	28	11.16
		56C/FT.		SS122CF	0.56	SS122UF	1.58	28	11.16
	1800	56C/No FT.	TENV	SS124CNC	0.72	SS124UNC	1.91	33	10.76
		56C/FT.		SS124CN	0.72	SS124UN	1.91	34	10.76
.75	3600	56C/No FT.	TENV	SS342CNC	0.82	SS342UNC	2.02	30	11.16
		56C/FT.		SS342CN	0.82	SS342UN	2.02	30.3	11.16
		56C/No FT.	TEFC	SS342CFC	0.82	SS342UFC	2.02	30	12.16
		56C/FT.		SS342CF	0.82	SS342UF	2.02	30.3	12.16
	1800	56C/No FT.	TENV	SS344CNC	1.0	SS344UNC	1.8	36	11.16
		56C/FT.		SS344CN	1.0	SS344UN	1.8	37	11.16
		56C/No FT.	TEFC	SS344CFC	1.0	SS344UFC	1.8	37	12.16
		56C/FT.		SS344CF	1.0	SS344UF	1.8	37	12.16
1.0	3600	56C/No FT.	TENV	SS12CNC	1.15	SS12UNC	2.87	36	11.16
		56C/FT.		SS12CN	1.15	SS12UN	2.87	36	11.16
		143TC/No. FT.		SS12NTC	1.15	SS12UNTC	2.87	36	11.16
		143TC/FT.		SS12NT	1.15	SS12UNT	2.87	36	11.16
		56C/No FT.	TEFC	SS12CFC	1.15	SS12UFC	2.87	36	12.16
		56C/FT.		SS12CF	1.15	SS12UF	2.87	36	12.16
		143TC/No. FT.		SS12CFTC	1.15	SS12UFTC	2.87	36	12.16
		143TC/FT.		SS12CFT	1.15	SS12UFT	2.87	36	12.16
	1800	56C/No FT.	TENV	SS14CNC	1.25	SS14UNC	3.25	40	11.16
		56C/FT.		SS14CN	1.25	SS14UN	3.25	40	11.16
		143TC/No. FT.		SS14CNTC	1.25	SS14UNTC	3.25	40	11.16
		143TC/FT.		SS14CNT	1.25	SS14UNT	3.25	40	11.16
		56C/FT.	TEFC	SS14CF	1.25	SS14UF	3.25	40	12.16
		56HC/FT.		SS14CFH	1.25	SS14UFH	3.25	40	12.16
		143TC/FT		SS14CFT	1.25	SS14UFT	3.25	40	12.16

* Meets NEMA MG1 Part 30. Use of a closed-loop vector drive allows extended speed range for CT & VT applications.

Electric Motors

AG-Industrie

Stainless Steel - Washdown Duty IP69K Enclosure Continued

AG Inverter Ready
NEMA MG1 Part 30

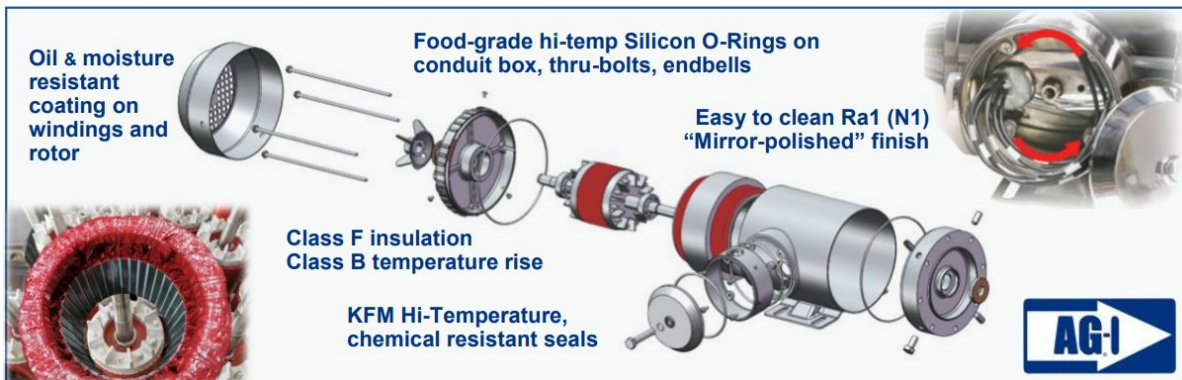


Assembled in Canada

1.0 S.F. @ 208V. Or 50Hz

TECHNICAL DATA									
HP	RPM	Frame	ENCL	575V		208-230/460V		Weight lbs.	"C" DIM.
				IND#	FLA	IND#	FLA 230V		
1.5	3600	56C/No FT.	TEFC	SS1.52CFC	1.83	SS1.52UFC	4.23	37	13.34
		56C/FT.		SS1.52CF	1.83	SS1.52UF	4.23	37.3	13.34
		145TC/No FT.		SS1.52CFTC	1.83	SS1.52UFTC	4.23	37	13.34
		145TC/FT.		SS1.52CFT	1.83	SS1.52UFT	4.23	37.3	13.34
	1800	56C/No FT.		SS1.54CFC	1.71	SS1.54UFC	4.92	43	13.34
		56C/FT.		SS1.54CF	1.71	SS1.54UF	4.92	43	13.34
		145TC/No FT.		SS1.54CFTC	1.71	SS1.54UFTC	4.92	44	13.66
		145TC/FT.		SS1.54CFT	1.71	SS1.54UFT	4.92	45	13.66
2.0	3600	56C/No FT.	TEFC	SS22CFC	2.45	SS22UFC	5.41	43	14.12
		56C/FT.		SS22CF	2.45	SS22UF	5.41	43.4	14.12
		145TC/No FT.		SS22CFTC	2.45	SS22UFTC	5.41	43	14.12
		145TC/FT.		SS22CFT	2.45	SS22UFT	5.41	43.4	14.12
	1800	56V/FT.		SS24CFH	2.28	SS24UFH	6.42	47	14.12
		145TC/No FT.		SS24CFTC	2.28	SS24UFTC	6.42	48	14.45
		145TC/FT.		SS24CFT	2.28	SS24UFT	6.42	49	14.45
3.0	3600	56C/FT.	TEFC	SS32CFH	3.45	SS32UFH	8.62	51	15.5
		145TC/FT.		SS32CFT	3.45	SS32UFT	8.62	51	15.5
		182TC/FT.		SS332CF	3.42	SS332UF	8.43	51.4	16.93
	1800	145TC/FT.		SS34CFT	3.39	SS34UFT	8.48	58	15.50
		182TC/FT.		SS34CF	3.22	SS34UF	8.85	80	16.93
5.0	3600	184TC/No FT.	TEFC	SS52CFC	5.52	SS52UFC	13.36	90	17.72
		184TC/FT.		SS52CF	5.52	SS52UF	13.36	95	17.72
		184TC/FT.		SS54CF	5.37	SS54UF	13.42	100	17.72
7.5	3600	213TC/FT.	TEFC	SS7.52CF	7.39	SS7.52UF	18.46	110	19.45
		213TC/FT.		SS7.54CF	7.48	SS7.54UF	18.75	157	19.45
	1800								
10	3600	215TC/FT.	TEFC	SS102CF	9.85	SS102UF	24.96	134.2	20.63
		215TC/FT.		SS104CF	9.97	SS104UF	26.2	182	20.63
15	1800	254TC/FT.	TEFC	SS154CF	14.9	SS154UF	36.2	287	23.5
20	1800	256TC/FT.	TEFC	SS204CF	19.2	SS204UF	52.2	298	25.5

* Meets NEMA MG1 Part 30. Use of a closed-loop vector drive allows extended speed range for CT & VT applications.



Electric Motors

BALDOR



Three phase, totally enclosed, foot mounted

5 thru 50 HP

Features:

- Suitable for inverter use per NEMA MG1 Part 31.4.4.2 unless note 38 is indicated
- Simple F1 to F2 conversion on cast iron frames
- Designed for longevity with a 3 year warranty on premium efficient Super-E motors



C-Flange

Applications:

- Fans
- Pumps
- Blowers
- Conveyors
- Compressors
- Industrial machines

TECHNICAL DATA

HP	RPM	NEMA Frame	Enclosure	Catalog Num- ber	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps
5	3600	184T	TEFC	EM3613T	GE3	16.55	75	88.5	230/460	5.9
		184T	TEFC	EM3663T	GE3	15.24	99	88.5	230/460	5.8
	1800	184T	TEFC	EM3615T	GE3	1805	93	89.5	230/460	6.7
		184T	TEFC	EM3665T	GE3	15.24	107	89.5	230/460	6.6
	1200	215T	TEFC	EM3708T	GE3	19.77	154	89.5	230/460	7.3
		215T	TEFC	EM3768T	GE3	18.45	195	89.5	230/460	7.4
	900	254T	TEFC	EM2280T	GE3	23.28	256	56.5	230/460	7.9
7.5	3600	184T	TEFC	EM3616T	GE3	18.05	98	89.5	230/460	8.4
		213T	TEFC	EM3709T	GE3	17.89	116	89.5	230/460	9
		213T	TEFC	EM3769T	GE3	18.45	165	89.5	230/460	9
	1800	213T	TEFC	EM3710T	GE3	19.02	128	91.7	230/460	9.4
		213T	TEFC	EM3770T	GE3	18.45	170	91.7	230/460	9.5
	1200	254T	TEFC	EM2276T	GE3	23.28	278	91	230/460	11
	900	256T	TEFC	EM2401T	GE3	23.28	320	86.5	230/460	12.2
10	3600	215T	TEFC	EM3711T	GE3	17.89	120	90.2	230/460	11.8
		215T	TEFC	EM3771T	GE3	18.45	182	90.2	230/460	11.8
	1800	215T	TEFC	EM3714T	GE3	20.52	162	91.7	230/460	12
		215T	TEFC	EM3774T	GE3	18.45	191	91.7	230/460	12.2
	1200	256T	TEFC	EM2332T	GE3	23.28	290	91	230/460	14.1
	900	284T	TEFC	EM2402T	GE3	27.76	391	89.5	230/460	14.6
15	3600	215T	TEFC	EM3713T	GE3	20.52	172	91	230/460	17
		254T	TEFC	EM2394T	GE3	23.28	241	91	230/460	17.5
	1800	254T	TEFC	EM2333T	GE3	23.28	270	92.4	230/460	18.1
	1200	284T	TEFC	EM4100T	GE3	27.76	391	91.7	230/460	21
	900	286T	TEFC	EM2395T	GE3	27.76	455	89.5	230/460	23
20	3600	256T	TEFC	EM4106T	GE3	23.28	262	91	230/460	23
	1800	256T	TEFC	EM2334T-12	GE3	23.28	291	93	230/460	23
		256T	TEFC	EM2334T	GE3	23.28	289	93	230/460	24
	1200	286T	TEFC	EM4102T	GE3	27.76	399	91.7	230/460	27
	900	324T	TEFC	EM4112T	GE3	30.28	534	90.2	230/460	35

Electric Motors

BALDOR

Three phase, totally enclosed, foot mounted, continued

5 thru 50 HP

TECHNICAL DATA										
HP	RPM	NEMA Frame	Enclosure	Catalog Number	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps
25	3600	256T	TEFC	EM4118T	GE3	23.28	305	91.7	230/460	29
		284TS	TEFC	EM4107T	GE3	24.70	327	91.7	230/460	29
	1800	284T	TEFC	EM4103T	GE3	27.76	388	93.6	230/460	30
		284T	TEFC	EM4103T-12	GE3	27.56	402	93.6	230/460	30
	1200	324T	TEFC	EM4111T	GE3	30.39	445	93	230/460	32
	900	326T	TEFC	EM4116T	GE3	30.28	578	90.2	230/460	37
30	3600	286TS	TEFC	EM4108T	GE3	24.70	347	91.7	230/460	34
	1800	286T	TEFC	EM4104T	GE3	27.76	430	93.6	230/460	38
		286T	TEFC	EM4104T-12	GE3	27.76	425	93.6	230/460	36
	1200	326T	TEFC	EM4117T	GE3	30.28	604	93	230/460	39
	900	364T	TEFC	EM4338T	GE3	33.44	813	92.4	230/460	39.3
40	3600	324TS	TEFC	EM4109T	GE3	28.78	551	92.4	230/460	46
	1800	324T	TEFC	EM4110T	GE3	30.28	570	94.1	230/460	48
		324T	TEFC	EM4110T-12	GE3	30.28	601	94.1	230/460	48
	1200	364T	TEFC	EM4308T	GE3	33.48	899	94.1	230/460	49.4
	900	364T	TEFC	EM4348T	GE3	33.48	875	93	230/460	52
50	3600	326TS	TEFC	EM4114T	GE3	28.78	575	93	230/460	56
	1800	326T	TEFC	EM4115T	GE3	30.28	650	94.5	230/460	58
		326T	TEFC	EM4115T-12	GE3	30.28	652	94.5	230/460	58
		326TS	TEFC	EM4115TS	GE3	28.78	639	94.5	230/460	58
	1200	365T	TEFC	EM4312T	GE3	33.48	902	94.1	230/460	61.7
	900	405T	TEFC	EM4458T	GE3	38.20	1216	93	230/460	63

BALDOR

Auger Drive, single phase, TEFC, flange mount, capacitor start

1/3 thru 1-1/2 HP



Features:

- Mechanically protected centrifugal switch from over speeding
- Extended opposite DE shaft for manual jog
- Gasketed manual reset thermal overload protection
- Lubed for life double shielded ball bearings
- NEMA 56N flange for industry standard drive/gear connection

Applications:

- Poultry feed auger drive systems

TECHNICAL DATA									
HP	RPM	NEMA Frame	Catalog Number	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps
1/3	1800	48YZ	ANFL3501M	FD1	12.44	24	60	115/230	3
1/2	1800	48YZ	ANFL3504M	FD1	12.44	28	68	115/230	3.7
3/4	1800	48YZ	ANFL3507M	FD1	13.32	34	74	115/230	4.1
1	1800	56YZ	ANFL3510M	FD1	13.55	41	67	115/230	6.5
1-1/2	1800	56YZ	ANFL3514M	FD1	14.43	49	75.5	115/230	9

Electric Motors

BALDOR

Single Phase, TEFC

1/3 thru 16 HP



Features:

- Lubed for life double sealed ball bearings
- Lip seal and V-Ring slinger on DE for increased moisture resistance
- Gasketed manual reset thermal overload protection



C-Flange

Applications

- Agri-duty
- Industrial fans
- General purpose farm
- Industrial pumps

TECHNICAL DATA

HP	RPM	NEMA Frame	Catalog Number	Disc. Sym.	“C” Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps
Foot mounted									
1/3	1800	56	FDL3501M	FD1	11.35	23	60	115/230	3
1/2	1800	56	FDL3504M	FD1	11.97	28	68	115/230	3.7
3/4	1800	56	FDL3507M	FD1	13.35	37	74	115/230	404
1	1800	56H	FDL3510M	FD1	12.93	41	67	115/230	605
		143T	FDL3510TM	FD1	13.29	40	67	115/230	605
1-1/2	1800	56H	FDL3514M	FD1	13.91	49	80	115/230	6.2
		145T	FDL3514TM	FD1	14.17	51	80	115/208-230	6.2
C-Face, foot mounted									
1/2	1800	56C	CFDL3504M	FD1	11.97	28	68	115/230	3.7
3/4	1800	56C	CFDL3507M	FD1	13.35	39	74	115/230	4.4
1	1800	56CH	CFDL3510M	FD1	13.25	47	67	115/230	6.5
1-1/2	1800	56CH	CFDL3514M	FD1	14.12	51	80	115/208-230	6.2
2	1800	56CHZ	CFDL3516TM	FD1	14.13	53	82.5	230	7.9
C-Face, footless									
1/3	1800	56C	VFDL3501M	FD1	11.35	23	60	115/230	3
1/2	1800	56C	VFDL3504M	FD1	11.97	27	68	115/230	3.7
3/4	1800	56C	VFDL3507M	FD1	13.35	44	74	115/230	4.4
1	1800	56C	VFDL3510M	FD1	13.25	40	67	115/230	6.5
1-1/2	1800	56C	VFDL3514M	FD1	14.12	48	80	115/208-230	6.2
Foot mounted, extra high torque									
2	1800	56HZ	FDL3516TM	FD1	14.19	51	82.5	230	7.9
		182T	FDL3611TM	FD1	16.55	77	75	115/230	14
		184	FDL3611M	FD1	15.67	76	74	115/230	12.4
3	1800	184	FDL3610M	FD1	17.187	90	80	230	15.5
		184T	FDL3610TM	FD1	18.05	90	80	230	15.5
		184T	FDL3619TM	FD1	16.54	82	81.5	230	13.2
5	1800	184T	FDL3612TM	FD1	18.05	100	80	230	23
		215	FDL3731M	FD1	18.65	126	84	230	20.5
7-1/2	1800	213	FDL3732M	FD1	18.65	147	84	230	30
		213T	FDL3733TM	FD1	19.02	146	84	230	30
C-Face, footless, extra high torque									
2	1800	145TC	VFDL3516TM	FD1	14.17	53	82.5	230	7.9
3	1800	184TC	VFDL3610TM	FD1	18.05	98	80	230	15.5
5	1800	184TC	VFDL3612TM	FD1	18.33	101	80	230	23
C-Face, footless, F-2, extra high torque									
2	1800	145TC	VFDL3516TM	FD1	14.17	53	82.5	230	7.9
3	1800	184TC	VFDL3610TM	FD1	18.05	98	80	230	15.5
5	1800	184TC	VFDL3612TM	FD1	18.33	101	80	230	23

Electric Motors



Special Application Agriculture Single Phase, Totally Enclosed Fan Cooled (TEFC), Ultra High Torque, Capacitor Start

Applications:

For powering agitators, augers, compressors, conveyors, feeders and hay hoists. High torque motors are used on barn cleaner, manure pumps and silo unloaders.



Features:

- Class F insulation
- 40°C ambient, continuous duty
- Typical starting torque 300% of full load
- F1 assembly
- Extruded Aluminum Frame (180-210 Frame)
- Manual Reset Thermal Overload Protector
- Plastic fan & fan cover
- Double shielded bearings w/low-temp grease (regreasable shaft end)
- Removable condensation drains for vertical mounting
- Fully gasketed steel conduit box
- Die cast aluminum brackets with steel bearing inserts

TECHNICAL DATA								
HP	RPM	Voltage	Frame	Catalog Number	SF	"C" Dim. (inches)	Ship Wt. (lbs.)	Full Load Amps
Footed								
1-1/2	1800	115/230	143T	FDU32CM2P14	1.15	14.8	47	19.2/10.1
2	1800	115/230	182TZ	FDU2CM2P18Z	1.15	16.8	66	25.6/12.8
3	1800	230	184T	FDU3CM2K18	1.15	18.8	80	17.0
5	1800	230	184T	FDU5CM2K18	1.15	18.8	80	24.0
	1800	230	215TZ	FDU5CM2K21Z	1.15	20.1	142	29.0
7-1/2	1800	230	215T	FDU7CM2K21	1.15	21.4	150	30.8
	1800	230	215TZ	FDU7CM2K21Z	1.15	21.4	150	30.8
10	1800	230	215T	FDU10CM2K21	1.15	21.4	153	41.0

HP	RPM	Voltage	Frame	Catalog Number	SF	"C" Dim. (inches)	Ship Wt. (lbs.)	Full Load Amps
C-Face								
3	1800	208-230	184TC	FDU3CM2K18C	1.15	18.7	78	16.4/17.0
5	1800	208-230	184TC	FDU5CM2K18C	1.15	18.7	100	22.2/24.0
7-1/2	1800	230	213TCYZ	FDU7CM2K21ZC	1.15	21.0	150	30.8
	1800	230	215TC	FDU7CM2K21C	1.15	21.3	150	30.8
10	1800	230	215TC	FDU10CM2K21C	1.15	21.3	215	41.0

Call in today for Motor repairs. Our service staff is knowledgeable and ready to help.



High Pressure Pumps

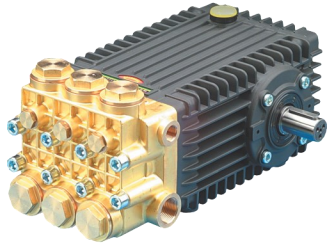
General Plunger Pumps

Triplex and Duplex Plunger Pumps from General Pump®. Available in Belt Drive or Direct Drive Designs. *5 year limited warranty on all pumps and a lifetime warranty on manifolds against damage from freezing.* Max temperature is 165°F.



Features included: Forged Bronze Head • Unitized Valves • Solid Ceramic Plunger • Replaceable Piston Guides • Cast Aluminum Crankcase • Connecting Rods • Tapered Roller Bearings • Forged and Hardened Steel Crankshaft • Mounting Rails.

Low Speed Plunger Pumps (Belt Drive)



TSF2221



TSF2021

TECHNICAL DATA							
Product No.	GPM	PSI	RPM	Inlet (FPT)	Outlet (FPT)	Shaft (Metric)	Weight
CW1012	10.0/12.0	1200/1000	750/900	3/4"	3/8"	35mm	45 lbs.
HTCK4050S	41.0	1200	1000	1"	3/4"	35mm	157 lbs.
T991B	3.5/4.0	1500/1100	1450/1750	1/2"	3/8"	24mm	21 lbs.
TS1041B	8.0	1600	1450	3/4"	3/8"	35mm	46 lbs.
T921B	5.0	1700	1050	1/2"	3/8"	24mm	30 lbs.
TS1021B	5.6/4.5	1700/2500	1450/1125	1/2"	3/8"	24mm	32 lbs.
T1011B	5.6/4.5	1500/2000	1450/1125	1/2"	3/8"	24mm	32 lbs.
TS1011B	4.0	2000	1450	1/2"	3/8"	24mm	32 lbs.
TS1321B	4.75	2100	1450	1/2"	3/8"	24mm	32 lbs.
T1321B	5.5	2100	1150	1/2"	3/8"	24mm	36 lbs.
TC1511S17	2.1	2200	1450	1/2"	3/8"	24mm	15 lbs.
TC1811S17	3.2	2200	1450	1/2"	3/8"	24mm	15 lbs.
TS1531	7.9	2200	1450	3/4"	3/8"	35mm	46 lbs.
CW2040	5.0	2500	1250	1/2"	3/8"	24mm	33 lbs.
T1621B	5.0	2500	1050	1/2"	3/8"	24mm	33 lbs.
TSF2421	10.0/12	3000/2500	1450	3/4"	3/8"	24mm	42 lbs.
TS1711B	3.5	2700	1450	1/2"	3/8"	24mm	32 lbs.
ES2212S	4.75	3000	1450	1/2"	3/8"	24mm	21 lbs.
ES2213S	5.5	3000	1450	1/2"	3/8"	24mm	21 lbs.
CW3040	5.0	3000	1250	1/2"	3/8"	24mm	35 lbs.
T2031B	9.0/11.0	3000/2000	1140/1450	3/4"	3/8"	32mm	61 lbs.
TS2011B	4.0	3500	1450	1/2"	3/8"	24mm	33 lbs.
TS1511B	4.0	3500	1450	1/2"	3/8"	24mm	34 lbs.
TS2021B	5.6	3500	1450	1/2"	3/8"	24mm	33 lbs.
TSF2221	8.5	3000	1450	3/4"	3/8"	24mm	41 lbs.
TSF2021	7.0	3600	1450	3/4"	3/8"	24mm	42 lbs.
TSP1819	5.0	5100	1450	1/2"	3/8"	24mm	52 lbs.

High Speed Plunger Pumps (Direct Drive)

Non-detergent pump oil for General Plunger Pumps. Increases pump life and performance.

Series 100, 30 wt. Oil is for smaller General Pumps up to size T61B. Available in 2-1/2 gallon jugs.
Series 200, 50 wt. Oil is for Large General Plunger Pumps such as T61B and larger. Available in 2-1/2 gallon jugs.



Product No.	Oil Type	Size
100553-1	30 wt.	2-1/2 Gallon
100450	50 wt.	2-1/2 Gallon

TECHNICAL DATA							
Product No.	GPM	PSI	RPM	Inlet (FPT)	Outlet (FPT)	Shaft (Metric)	Weight
T991B	4.0	1100	1750	1/2"	3/8"	24mm	21 lbs.
TS1011B	4.7	1500	1750	1/2"	3/8"	24mm	33 lbs.
T9951B	3.5	1500	1750	1/2"	3/8"	24mm	19 lbs.
CW2004	4.0	2500	1750	1/2"	3/8"	24mm	30 lbs.
EP1813S17	4.2	2900	1750	1/2"	3/8"	24mm	17 lbs.
T9211B	4.0	3000	1750	1/2"	3/8"	24mm	33 lbs.
T9281B	4.0	4000	1750	1/2"	3/8"	24mm	33 lbs.
TS2011B	4.7	2300	1750	1/2"	3/8"	24mm	33 lbs.
ES2013S	5.5	3600	1750	1/2"	3/8"	24mm	21 lbs.
TSF2021	8.5	3600	1750	3/4"	3/8"	24mm	42 lbs.
TSF2221	10.2	3000	1750	3/4"	3/8"	24mm	41 lbs.
TSF2421	12.0	2500	1750	3/4"	3/8"	24mm	42 lbs.
ES2010S	3.9	4000	1750	1/2"	3/8"	24mm	21 lbs.
ES2012S	4.7	4000	1750	1/2"	3/8"	24mm	21 lbs.
TSF1819	6.3	4350	1750	3/4"	3/8"	24mm	41 lbs.
TSF1619	1.3	5800	1750	1/2"	3/8"	24mm	52 lbs.

General Plunger Pumps

Direct Drive • Forged Brass Manifolds



Triplex Plunger Pumps with Hollow Shaft (Flanged for Direct Couple to Electric Motor)

Product No.	GPM	PSI	RPM	Inlet (FPT)	Outlet (FPT)	Shaft (Hollow)	Weight
TT2021EBF	2.1	2000	3400	3/8"	1/4"	5/8"	11.5 lbs.
T9051EBF	2.1	1500	1750	3/8"	1/4"	5/8"	11.5 lbs.
TT9061EBF	2.1	1500	3400	3/8"	1/4"	5/8"	11.5 lbs.
TT2028EBF	2.8	2000	3400	3/8"	1/4"	5/8"	11.5 lbs.
TT9071EBF	2.8	1500	3400	3/8"	1/4"	5/8"	11.5 lbs.
TT9111EBF	3.0	1500	1750	3/8"	1/4"	5/8"	11.5 lbs.



Triplex Plunger Pumps with Hollow Shaft (Flanged for Direct Couple to Electric Motor)

Product No.	GPM	PSI	RPM	Inlet (FPT)	Outlet (FPT)	Shaft (Hollow)	Weight
EZ2536E	3.6	2500	1750	1/2"	3/8"	1-1/8"	18.5
EP1812E17	4.0	2500	1750	1/2"	3/8"	1-1/8"	17.0
EZ2542E	4.2	2500	1750	1/2"	3/8"	1-1/8"	18.5
EZ2545E	4.6	2500	3400	1/2"	3/8"	1-1/8"	18.5
EZ2555E	5.5	2500	3400	1/2"	3/8"	1-1/8"	18.5
EZ4035E34	3.5	4000	3400	1/2"	3/8"	1-1/8"	18.5
EZ4040E34	4.0	4000	3400	1/2"	3/8"	1-1/8"	18.5



Triplex Plunger Pumps with Hollow Shaft (Flanged for Direct Couple to Gasoline Engines with 3/4" Shafts)

Product No.	GPM	PSI	RPM	Inlet (FPT)	Outlet (FPT)	Shaft (Hollow)	Weight
TT9061GBF	2.1	1500	3400	3/8"	1/4"	3/4"	11.4
TT2028GBF	2.8	2000	3400	3/8"	1/4"	3/4"	11.4
TT9071GBF	2.8	1500	3400	3/8"	1/4"	3/4"	11.4
TT2035GBF	3.5	2000	3400	3/8"	1/4"	3/4"	11.4
TT1540GBF	4.0	1500	3400	3/8"	1/4"	3/4"	11.4



Triplex Plunger Pumps with Hollow Shaft (Flanged for Direct Couple to Gasoline Engines with 3/4" Shafts)

Product No.	GPM	PSI	RPM	Inlet (FPT)	Outlet (FPT)	Shaft (Hollow)	Weight
TX1505G6	2.0	3000	3400	1/2"	3/8"	3/4"	18.0
TX1506G6	2.6	3000	3400	1/2"	3/8"	3/4"	18.0
TX1508G6	3.0	3000	3400	1/2"	3/8"	3/4"	18.0
EP1508G6	3.4	3000	3400	1/2"	3/8"	3/4"	16.0



Plunger Pumps with Hollow Shaft (Flanged for Direct Couple to Gasoline Engines with 1" Shafts)

Product No.	GPM	PSI	RPM	Inlet (FPT)	Outlet (FPT)	Shaft (Hollow)	Weight
TX1506G8	2.6	3000	3400	1/2"	3/8"	1"	18.0
EP1506G8	2.9	3000	3400	1/2"	3/8"	1"	17.0
TX1508G8	3.0	3000	3400	1/2"	3/8"	1"	18.0
TX1510G8	4.0	3000	3400	1/2"	3/8"	1"	18.0
EP1311G8	3.4	4000	3400	1/2"	3/8"	1"	17.0
EP1313G8	4.0	4000	3400	1/2"	3/8"	1"	17.0
ESN1512G	5.3	3600	3400	1/2"	3/8"	1"	21.0



Triplex Plunger Pumps with Hollow Shaft (Flanged for Direct Couple to Gasoline Engines with 1" Shafts)

Product No.	GPM	PSI	RPM	Inlet (FPT)	Outlet (FPT)	Shaft (Hollow)	Weight
EZ3030G34	3.0	3200	3400	1/2"	3/8"	1"	19.1
EZ3035G	3.5	3000	3400	1/2"	3/8"	1"	19.1
EZ3040G	4.0	3000	3400	1/2"	3/8"	1"	19.1
EZ3045G	4.6	3000	3400	1/2"	3/8"	1"	19.1
EZ4030G34	3.0	4000	3400	1/2"	3/8"	1"	20.0
EZ4035G34	3.5	4000	3400	1/2"	3/8"	1"	20.0
EZ4040G34	4.0	4000	3400	1/2"	3/8"	1"	20.0

Cat Plunger Pumps

Low Flow Models (3 to 6 GPM)



Triplex Plunger Pumps from CAT PUMPS® are designed to deliver smooth, low pulsation flows at a wide variety of pressures and flow rates. Widely used in continuous-duty, high pressure applications including Car/Truck/Wash, Industrial Cleaning, Pressure Washing, Reverse Osmosis, Water Misting and many more.

CAT PUMPS® are the "Pumps with Nine Lives". Standard Features Include: High Pressure seals that are lubricated and cooled by the solution being pumped • Heat treated valves and seats • Forged brass or stainless steel manifolds • Solid ceramic plungers • Exclusive high pressure seal design • Rate from 140° to 160° F. depending on the model. Seal options up to 180° F available • Wet ends can be serviced without entering the crankcase • Pumps are rate to 50 micron particles and 5-9ph.

NOTE: Mounting rails are not included and must be ordered separately.



530 & 550



3CP



5CP



340 & 350

TECHNICAL DATA

Product No.	GPM	PSI	RPM	Inlet	Outlet	Shaft (Metric)	Shaft (US)	Weight	Mounting Kit
3PFR230	2.3	1500	1725	1/2"	3/8"	16.5mm	0.650"	13 lbs.	*30612
3CP1140	3.6	2200	1725	1/2"	3/8"	16.5mm	0.650"	15 lbs.	*30612
5PFR310	4.0	2200	950	1/2"	3/8"	20mm	0.787"	20 lbs.	*30611/*30611SS
5PFR310B	4.0	2200	950	1/2"	3/8"	20mm	0.787"	20 lbs.	*30611/*30611SS
5PFR310S**	4.0	2200	950	1/2"	3/8"	20mm	0.787"	20 lbs.	*30611/*30611SS
5PFR340	4.0	1800	1725	1/2"	3/8"	20mm	0.787"	20 lbs.	*30611/*30611SS
5PFR340B	4.0	1800	1725	1/2"	3/8"	20mm	0.787"	20 lbs.	*30611/*30611SS
5CP2120W	4.0	2500	950	1/2"	3/8"	20mm	0.787"	20 lbs.	*30611/*30611SS
5CP2120W.3400	4.0	2500	950	1/2"	3/8"	20mm	0.787"	20 lbs.	*30611/*30611SS
5CP2120WB	4.0	2500	950	1/2"	3/8"	20mm	0.787"	20 lbs.	*30611/*30611SS
5CP2140W	4.0	2500	1750	1/2"	3/8"	20mm	0.787"	20 lbs.	*30611/*30611SS
5CP2140B	4.0	2500	1750	1/2"	3/8"	20mm	0.787"	20 lbs.	*30611/*30611SS
5CP3160CSS	4.3	3500	1750	1/2"	3/8"	20mm	0.787"	20 lbs.	*30612
5CP3120	4.8	3000	1750	1/2"	3/8"	20mm	0.787"	20 lbs.	*30612
5CP2150W	5.0	2000	1725	1/2"	3/8"	20mm	0.787"	20 lbs.	*30611/*30611SS
7PFR530	5.0	2500	1100	1/2"	3/8"	24mm	0.945"	20 lbs.	*30611/*30611SS
7PFR550	5.0	3000	1415	1/2"	3/8"	24mm	0.945"	20 lbs.	*30611/*30611SS
5CP5120	6.0	2500	1750	1/2"	3/8"	20mm	0.787"	20 lbs.	*30611/*30611SS
5CP5140	6.4	3000	1750	1/2"	3/8"	20mm	0.787"	20 lbs.	*30611/*30611SS
7PFR56	8.0	2500	1210	1/2"	3/8"	20mm	0.787"	20 lbs.	*30611/*30611SS

* Mounting Rail Kits Sold Separately

30611 • Steel Zinc Plated

30611SS • Stainless Steel



Cat Plunger Pumps

High Flow Models (7 to 45 GPM)



Triplex Plunger Pumps from CAT PUMPS® are designed to deliver smooth, low pulsation flows at a wide variety of pressures and flow rates. Widely used in continuous-duty, high pressure applications including Car/Truck/Wash, Industrial Cleaning, Pressure Washing, Reverse Osmosis, Water Misting and many more.

CAT PUMPS® are the "Pumps with Nine Lives". Standard Features Include: High Pressure seals that are lubricated and cooled by the solution being pumped • Heat treated valves and seats • Forged brass or stainless steel manifolds • Solid ceramic plungers • Exclusive high pressure seal design • Rate from 140° to 160° F. depending on the model. Seal options up to 180° F available • Wet ends can be serviced without entering the crankcase • Pumps are rate to 50 micron particles and 5-9ph.

NOTE: Mounting rails are not included and must be ordered separately.



1050



660



2560



3560



1051



3535

TECHNICAL DATA

Product No.	GPM	PSI	RPM	Inlet	Outlet	Shaft (Metric)	Shaft (US)	Weight	Mounting Kit
15PFR650	7	3000	1000	3/4"	1/2"	30mm	1.181"	44 lbs.	*30613
15PFR1050	12/10	1800/2200	1150-960	3/4"	1/2"	30mm	1.181"	44 lbs.	*30613
15PFR660	10	3000	1430	3/4"	1/2"	30mm	1.181"	44 lbs.	*30613
15PFR1051	12	1800	1150	3/4"	1/2"	30mm	1.181"	44 lbs.	*30613
15PFR1580	12	3000	1180	3/4"	1/2"	30mm	1.181"	60 lbs.	*30613
15PFR1530	15.5	1500	1450	1"	3/4"	30mm	1.181"	55 lbs.	*30613
25PFR2560	16	3000	1510	1-1/4"	3/4"	30mm	1.181"	92.6 lbs.	*30614SS
25PFR2510	20	2000	1450	1-1/4"	3/4"	30mm	1.181"	79 lbs.	*30614SS
35PFR3560	20	4000	1160	1-1/2"	1"	35mm	1.378"	139 lbs.	*92674
35PFR3520	25	2000	870	1-1/2"	1"	35mm	1.378"	139 lbs.	*92674
25PFR2530	25	1200	1025	1-1/4"	3/4"	30mm	1.181"	79 lbs.	*30614SS
35PFR3535	36	1200	800	1-1/2"	1"	35mm	1.378"	139 lbs.	*92674
35PFR3545	45	1000	765	1-1/2"	1"	35mm	1.378"	139 lbs.	*92674

* Mounting Rail Kits Sold Separately

30613 • Steel Zinc Plated 30614SS • Stainless Steel
92674 • Steel Zinc Plated



Cat Plunger Pumps

Direct Drive Plunger Pumps (For Electric Motors)



Direct Drive Plunger Pumps from Cat Pumps® are designed for direct mounting to 56C or 184TC C-face electric motors. All pumps feature brass manifolds. Designed to run at motor speeds of 1750 or 3450 RPM as noted. Triplex plunger pumps have 5/8", 3/4" or 1-1/8" hollow shafts and come with mounting flanges. Rated to 140° F, but high temperatures seals to 175° F are available in most models. (Stainless manifold models are available in some flow rates)



2SF



4DX



4SP



5SP

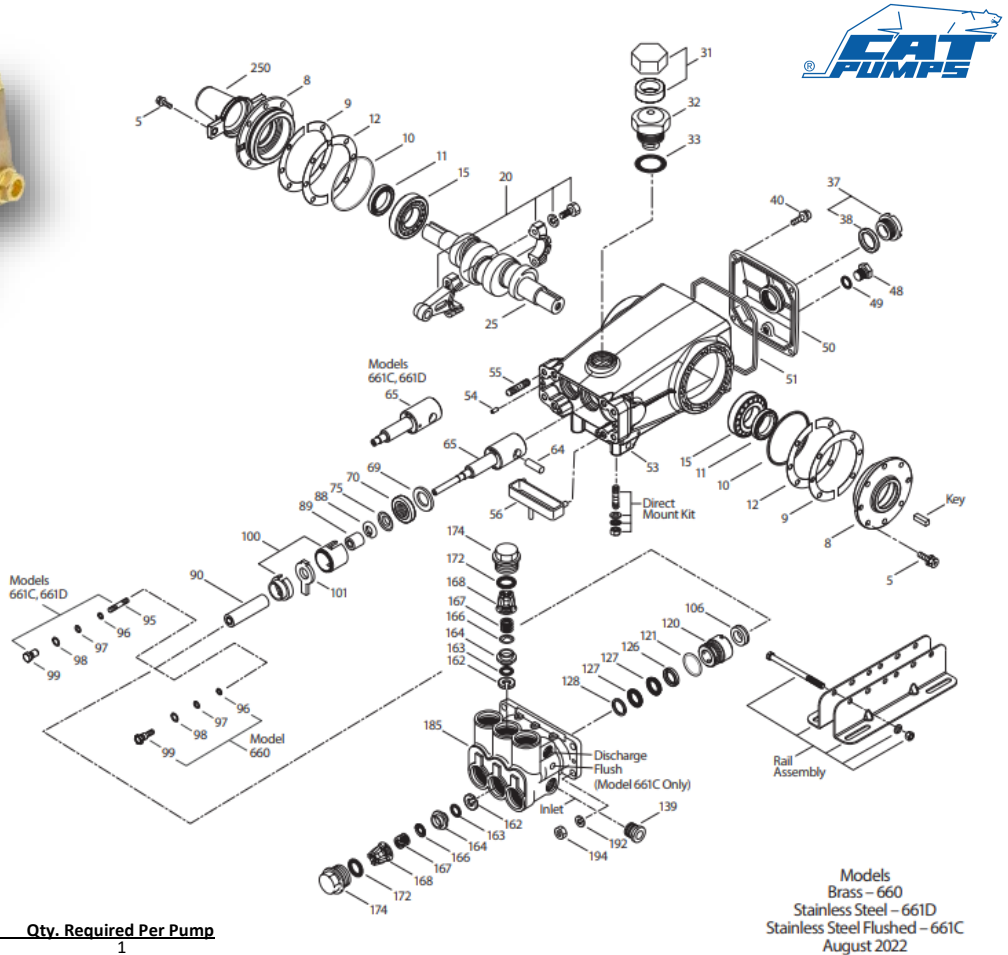
TECHNICAL DATA								
Product No.	GPM	PSI	RPM	Inlet	Outlet	Shaft (Metric)	Shaft (US)	Weight
2SF22ES	2.2	2000	3450	3/8" (F)	3/8" (M)	3.35mm		10.6 lbs.
2SF10SEEL	1	1200	1725	3/8" (F)	3/8" (F)	15.9mm		8.9 lbs.
2SF30ES	3	1500	3450	3/8" (F)	3/8" (M)	4.6mm		10.6 lbs.
2SF22ELS	2.2	2000	1725	3/8" (F)	3/8" (M)	6.3mm		10.6 lbs.
2SF35ES	3.5	1500	3450	3/8" (F)	3/8" (M)	5.6mm		10.6 lbs.
2SF35GES	3.5	2000	3450	3/8" (F)	3/8" (M)	5.6mm		10.6 lbs.
4DX10ER	1	2000	3450	3/8" (F)	3/8" (M)	15.8	5/8"	10.7 lbs.
4DX15ER	1.5	2000	3450	3/8" (F)	3/8" (M)	15.8	5/8"	10.7 lbs.
4DX20ER	2	2000	3450	3/8" (F)	3/8" (M)	15.8	5/8"	10.7 lbs.
4DX27ER	2.7	2000	3450	3/8" (F)	3/8" (M)	15.8	5/8"	10.7 lbs.
4DX30ER	3	2000	3450	3/8" (F)	3/8" (M)	15.8	5/8"	10.7 lbs.
4SP21ELR	2.1	2000	1750	3/8" (F)	3/8" (F,M)	15.9	5/8"	11.7 lbs.
4SP29ELR	2.85	1200	1725	3/8" (F)	3/8" (F,M)	15.9	5/8"	11.7 lbs.
5SP30ELR	3	3000	1750	1/2" (F)	3/8" (M)	28.5	1-1/8"	13.2 lbs.
5SP30ELU	3	3000	1750	1/2" (F)	3/8" (M)	28.5	1-1/8"	13.2 lbs.
5SP40ELR	4	2000	1750	1/2" (F)	3/8" (M)	28.5	1-1/8"	13.2 lbs.
5SP40ELU	4	2000	1750	1/2" (F)	3/8" (M)	28.5	1-1/8"	13.2 lbs.



Pump Repair Kit



Model 660



Service Parts

Part No.	Description	Qty. Required Per Pump
30798	Seal Kit-Standard NBR	1
30820	Valve Kit-Standard NBR	2
814561	Head, Complete	1

No.	Part No.	Description	Qty. Required Per Pump
5	49561	Screw, HHC Sems (M8x20)	8
8	134805	Cover, Bearing	2
9	855043	Split Shim, Bearing Cover, 2-Piece, Fiber	0-2
10	11340	O-Ring, Bearing Case-70D	2
11	43495	Seal, Oil, Crankshaft	2
12	855044	Split Shim, Bearing Cover, 2-Piece, 304SS	0-2
15	39060	Bearing, Roller	2
20	48600	Rod Assembly, Connecting	3
25	43494	Crankshaft—Dual End (M30)	1
31	828710	Protector, Oil cap with Foam Gasket	1
32	43211	Cap, Oil Filler	1
33	14177	O-Ring, Filler Cap—70D	1
37	92241	Gauge, Oil, Bubble with Gasket—80D	1
38	44428	Gasket, Flat, Oil Gauge—80D	1
40	92542	Screw, HHC Sems (M6x20) 304SS	4
40	126541	Screw, HHC Sems (M6x20) Steel/Chrome Plated	4
48	25625	Plug, Drain (1/4" x 19 BSP)	1
49	23170	O-Ring, Drain Plug—70D	1
50	133576	Cover, Rear	1
51	44864	O-Ring, Rear Cover—70D	1
53	134836	Crankcase, Aluminum Epoxy	1
53	134848	Crankcase, Aluminum Epoxy	1
54	27488	Pin, Guide	2
55	44005	Stud (M10x45) 304SS	4
55	126545	Stud (M10x45) Steel/Chrome Plated	4
56	44664	Pan, Oil	1
64	43507	Pin, Crosshead	1
65	48892	Rod, Plunger Short, 316SS/High Strength Brass	3
65	48228	Rod, Plunger Long, 304SS/High Strength	3
69	126592	Washer, Seal	3
70	43500	Seal, Oil, Crankcase	3
75	43506	Slinger, Barrier	3
88	45675	Washer, Keyhole	3
89	45880	Spacer, Plunger, 316SS	3
89	43505	Spacer, Plunger, Brass	3
90	43300	Plunger (M20x77)	3

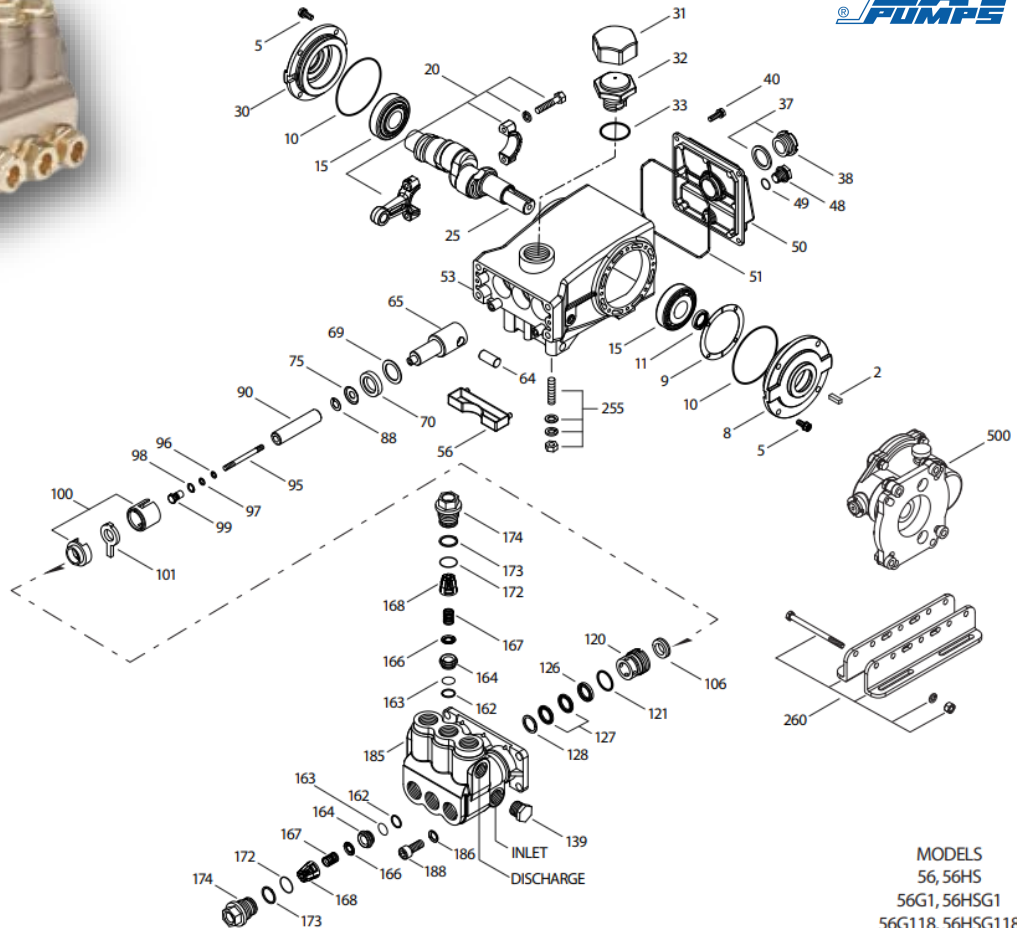
No.	Part No.	Description	Qty. Required Per Pump
95	89651	Stud, Plunger Retainer (M6x70)	3
96	43235	Backup Ring, Plunger Retainer	3
97	17399	O-Ring, Plunger Retainer—80D	3
98	44041	Gasket, Plunger Retainer, 316SS	3
98	45891	Gasket, Plunger Retainer, Copper	3
99	44031	Retainer, Plunger (M6)	3
99	104360	Retainer with Stud, Plunger (M6)	3
100	855001	Retainer, Seal, 2-Piece	3
101	43508	Wick, Long Tab	3
106	44071	Seal, Low-Pressure with SS-Spring	3
120	49284	Case, Seal, 316SS/Nickel Plated	3
120	49291	Case, Seal, Brass	3
121	14762	O-Ring, Seal Case—70D	3
126	49152	Adapter, Female, Pure Polytetrafluoroethylene	3
126	43515	Adapter, Female, Brass	3
127	44607	V-Packing	6
128	44165	Adapter, Male, 316SS	3
128	43517	Adapter, Male, Brass	3
139	44382	Plug, Inlet (3/4" NPT(M)), 316SS	1
139	20326	Plug, Inlet (3/4" NPT(M)), Brass/Chrome Plated	1
162	43248	Backup Ring, Seat	6
163	43249	O-Ring, Seat—80D	6
164	44037	Seat, 316SS	6
166	48793	Valve, 316SS	6
167	44039	Spring, 316SS	6
168	44564	Retainer, Spring	6
17617	17617	O-Ring, Valve Plug—90D	6
174	43850	Plug, Valve, Brass	6
174	49293	Plug, Valve, 316SS	6
185	45975	Head, Manifold, Nickel Aluminum Bronze	1
185	48780	Head, Manifold, 316SS	1
185	49338	Head, Manifold Flushed (1/8" NPT(F)) Flush Ports	1
192	126231	Lock Washer (M10), Steel/Chrome Plated	4
192	15847	Lock Washer (M10), 304SS	4
194	126522	Nut, Hex (M10), Steel/Chrome Plated	4
194	81258	Nut, Hex (M10), 304SS	4
250	855046	Protector, Shaft with Two Screws, Nylon	1
250	855047	Protector, Shaft with Two SS Screws, Nylon	1

Models
Brass—660
Stainless Steel—661D
Stainless Steel Flushed—661C
August 2022

Pump Repair Kit



Model 56



MODELS
56, 56HS
56G1, 56HSG1
56G118, 56HSG118
April 2020

Service Parts

Part No.	Description	Qty. Required Per Pump
30799	Seal Kit-Standard NBR	1
33820	Valve Kit-Standard NBR	2
814618	Head, Complete	1

No.	Part No.	Description	Qty. Required Per Pump	No.	Part No.	Description	Qty. Required Per Pump
2	30067	Key (M8x7.5x25)	1	88	45697	Washer, Keyhole (M18xM10)	3
5	125824	Screw, HHC Sems (M6x16)	8	90	43232	Plunger (M18x77)	3
8	133571	Cover, Bearing	1	95	126559	Stud, Plunger Retainer (M6x70)	3
9	815280	Shim, Split, 2-Pc	1	96	43235	Back-up-Ring, Plunger Retainer	3
10	12393	O-Ring, Bearing Cover	2/1	97	17399	O-Ring, Plunger Retainer - 80D	3
11	43222	Seal, Oil Crankshaft	1/0	98	45891	Gasket, Plunger Retainer	3
15	43221	Bearing, Roller	2	99	46504	Retainer, Plunger (M6)	3
20	48863	Rod, connecting (6/02)	3	100	45689	Retainer, Seal, 2pc	3
25	43464	Crankshaft, Single End	1	101	43239	Wick, Long Tab	3
30	133572	Cover, Bearing, Blind	1	106	43243	Seal, LPS w/S-Spg	3
31	828710	Protector, Oil Cap w/Foam Gasket	1	120	45685	Case, Seal	3
32	44666	Cap, Oil Filler, Domed-Gearbox Models	1	121	20285	O-Ring, Seal Case - 70D, Medium Nitrile (Buna-N)	3
33	14177	O-Ring, Oil Filler Cap - 70D	1	121	11693	O-Ring, Seal Case, Fluorocarbon	3
37	92241	Gauge, Oil Bubble w/Gasket - 80D	1	126	44550	Adapter, Female	3
38	44428	Gasket, Flat Flex, Oil Gauge - 80D	1	127	44549	V-Packing	6
40	126541	Screw, HHC Sems (M6x20)	4	128	45618	Adapter, Male	3
48	25625	Plug, Drain (1/4"x19BSP)	1	139	43448	Plug, Inlet, (1/2" NPT(M))	1
49	23170	O-Ring, Drain Plug - 70D	1	162	43248	Back-up-Ring, Seat	6
50	133569	Cover, Rear	1	163	43249	O-Ring, Seat - 80D	6
51	14047	O-Ring, Rear Cover	1	164	43722	Seat, 304SS	6
53	133593	Crankcase	1	166	43721	Valve, 304SS	6
56	43240	Pan, Oil	1	167	43751	Spring, 304SS	6
64	43237	Pin, Crosshead	1	168	44564	Retainer, Spring	6
65	48913	Rod, Plunger, 304SS/High Strength	3	172	14179	O-Ring, Valve Plug - 70D	6
65	49892	Rod, Plunger, 304SS/Bronze	3	173	20213	Back-up-Ring, Valve Plug	6
69	126589	Washer, Oil Seal	3	174	45939	Plug, Valve, Extended	6
70	43228	Seal, Oil, Crankcase	3	185	45937	Head, Manifold	1
75	43328	Slinger, Barrier	3	186	49680	Washer, Spring (M10)	4
				188	49679	Screw, HSH (M10x35)	4

Cat Pump Accessories

Cat Pump Oil



CAT Pumps® Oil is a specially formulated Crankcase oil for high pressure pumps. Contains anti-wear, rust inhibitor and deoxidizer additives. 30 wt. non-detergent. Gear Box Lube is 80/90 wt. & has ISO 220 rating.



Product No.	Size
6109	30 Gallon
6109-20L	20 Liter
6109-4L	4 Liter
6107	21 Ounce

Cat High-Pressure Regulator

This Pressure Regulator is designed for single or multiple pump, weep or multi-nozzle systems. This is a flow-thru design easily plumbed into the discharge line or directly onto the discharge head. This regulator maintains set system pressure even when only one of several guns or nozzles is performing or a solenoid valve is open, by-passing the unused flow.

Features

- Conical design lowers minimum required by-pass flow from 10% to 5%, which permits optimum system output while providing more consistent pressure control.
- Compact in-line plumbing for easy mounting and minimal space requirements.
- Fluorocarbon (FPM) O-rings for durability and a broad liquid compatibility range.
- Compared to traditional poppet style regulators, the conical design virtually eliminates cavitation effects as the high pressure liquid is expanded across the piston and seat, significantly extending service life.



Product No.	GPM	PSI
7001	5	1000
7002	5	2000
7003	5	3000
7012	10	2000
7013	10	3000
7014	10	4000
7022	25	2000
7023	25	2000
7024	25	3000

Submersible Pumps/Motors

4-Inch Induction Motor

The Franklin Electric Stainless Super 4-inch submersible motor has been the driving force behind residential and light commercial submersible pumps for decades. Franklin offers a 4-inch submersible motor in a full line of single and three phase voltages, frequencies, and application-specific models. Continuous rating in 86°F (30°C) water.

Specifications

- Corrosion-resistant all stainless exterior construction
- Stainless Steel Splined Shaft
- Hermetically-Sealed Windings
- Anti-Track Self-Healing Resin System
- Water Lubrication
- Filter Check Valve
- Pressure Equalizing Diaphragm
- Rotation: single phase - CCW; three-phase electrically reversible



Part No.	Description
2145079004GS	3/4hp, 230vac, 1ph, 3450rpm, 4" dia, 3 wire
2243009203GS	1.5hp, 230vac, 1ph, 3450rpm, 4" dia, 3 wire
2345149203GS	1.5hp, 230vac, 3ph, 3450rpm, 4" dia, 3 wire
2145089003GS	1hp, 230vac, 1ph, 3450rpm, 4" dia, 3 wire
2243019204GS	2hp, 230vac, 1ph, 3450rpm, 4" dia, 3 wire
2343159204GS	2hp, 230vac, 3ph, 3450rpm, 4" dia, 3 wire
2343359404GS	2hp, 575vac, 3ph, 3450rpm, 4" dia, 3 wire
2343059204GS	2hp, 575vac, 3ph, 3450rpm, 4" dia, 3 wire

Part No.	Description
2243028602G	3hp, 230vac, 1ph, 3450rpm, 4" dia, 3 wire
2343168602G	3hp, 230vac, 3ph, 3450rpm, 4" dia, 3 wire
2343368602G	3hp, 575vac, 3ph, 3450rpm, 4" dia, 3 wire
2343078602G	5hp, 230vac, 1ph, 3450rpm, 4" dia, 3 wire
2243038602G	5hp, 230vac, 3ph, 3450rpm, 4" dia, 3 wire
2343178602G	5hp, 230vac, 3ph, 3450rpm, 4" dia, 3 wire
2343378602G	5hp, 575vac, 3ph, 3450rpm, 4" dia, 3 wire
2343388602G	7.5hp, 575vac, 3ph, 3450rpm, 4" dia, 3 wire

4-Inch Submersible Pump (Wet End Only)

This 4-inch TRI-SEAL High Capacity submersible well pump is ideal for farm, home, irrigation, industry, municipal, and commercial applications, equipped with the power performance, and reliability you expect from Franklin Electric. Flow ratings of this high capacity submersible well pump are available in 35, 45, 60, and 90 gpm. Available from 1-1/2 to 10 hp.

Specifications

- 2" NPT discharge
- Stainless steel discharge head and motor bracket
- Ceramic shaft sleeve and rubber discharge bearing eliminates sand wear.
- Stainless hex pump shaft, shell, and shaft coupling



Part No.	Description
93653505	35gpm, 1hp, 5 stages, 161ft shut off
93653509	35gpm, 2hp, 9 stages, 300ft shut off
93653512	35gpm, 3hp, 12 stages, 400ft shut off
93654505	45gpm, 1.5hp, 5 stages, 156ft shut off
93654507	45gpm, 2hp, 7 stages, 216ft shut off
93654510	45gpm, 3hp, 10 stages, 312ft shut off
93656007	60gpm, 2hp, 7 stages, 206ft shut off
93656010	60gpm, 3hp, 10 stages, 300ft shut off
93656016	60gpm, 5hp, 16 stages, 485ft shut off
93663507	35gpm, 1.5hp, 7 stages, 230ft shut off, 2" Check Valve
93663509	35gpm, 2hp, 9 stages, 300ft shut off, 2" Check Valve
93664510	45gpm, 3hp, 10 stages, 312ft shut off, 2" Check Valve
93664507	45gpm, 2hp, 7 stages, 216ft shut off, 2" Check Valve
93666016	60gpm, 5hp, 16 stages, 485ft shut off, 2" Check Valve
93669013	90gpm, 5hp, 13 stages, 365ft shut off, 2" Check Valve

Submersible Pumps/Motors

FAC Series Close - Coupled Centrifugal Pump

The versatile, general purpose FAC close-coupled centrifugal pump is constructed from durable cast iron and includes a carbon/ceramic mechanical seal with FKM elastomer. With a maximum temperature of 212°F and vertical or horizontal mounting orientations, this close-coupled centrifugal pump is ideal for numerous applications.

Specifications

- Volute: Cast iron, can be rotated for ease of installation
- Impeller: Enclosed design for high efficiency
- Mechanical Seal: Standard carbon/ceramic faces, FKM elastomers and 300 series stainless components
- Mounting: Can be mounted in vertical

Applications

- Water Circulation
- Booster Service
- Liquid Transfer
- Spraying Systems
- Jockey Pump
- General Service



Franklin Electric



Part No.	Description
FAC-300S	3hp, 1ph, 115/230vac, FNPT, Mech Seal, ODP
FAC-500S	5hp, 1ph, 230vac, FNPT, Mech Seal, ODP
FAC-300SE	3hp, 1ph, 115/230vac, FNPT, Mech Seal, TEFC
FAC-500SE	5hp, 1ph, 230vac, FNPT, Mech Seal, TEFC
FAC-300T	3hp, 3ph, 230/460vac, FNPT, Mech Seal, ODP
FAC-500T	5hp, 3ph, 230/460vac, FNPT, Mech Seal, ODP
FAC-300TE	3hp, 3ph, 230/460vac, FNPT, Mech Seal, TEFC
FAC-500TE	5hp, 3ph, 230/460vac, FNPT, Mech Seal, TEFC
FAC-300TSE	3hp, 3ph, 230/460vac, FNPT, Mech Seal, TEFC
FAC-500TSE	5hp, 3ph, 230/460vac, FNPT, Mech Seal, TEFC
FAC-300K	Kit, 3hp, Without Motor
FAC-500K	Kit, 5hp, Without Motor

SP Series: 4" 60Hz Submersible Pump

SP Series Submersible Pumps are manufactured using high quality materials and are designed to deliver years of dependable service.

Quality Features

- Stainless steel construction designed and built for years of trouble free operation
- Stainless steel discharge head with built-in check valve
- High-efficiency stainless steel impellers and diffusers
- Stainless steel suction screen
- Stainless steel shaft and coupling
- Stainless steel NEMA faced mounting bracket



Part No.	Description
SP-1809	1hp, 9 stages, 1ph, 1-1/4" discharge
SP-1813	1-1/2hp, 13 stages, 1 or 3ph, 1-1/4" discharge
SP-1817	2hp, 17 stages, 1 or 3ph, 1-1/4" discharge
SP-1823	3hp, 23 stages, 1 or 3ph, 1-1/4" discharge
SP-2509	1-1/2hp, 9 stages, 1 or 3ph, 1-1/2" discharge
SP-2511	2hp, 11 stages, 1 or 3ph, 1-1/2" discharge
SP-2515	3hp, 15 stages, 1 or 3ph, 1-1/2" discharge
SP-4005	1-1/2hp, 5 stages, 1 or 3ph, 2" discharge
SP-4007	2hp, 7 stages, 1 or 3ph, 2" discharge
SP-4009	3hp, 9 stages, 1 or 3ph, 2" discharge

Submersible Pumps

FLS/FS Series Submersible Utility Pump

When you need a versatile, construction-grade utility pump the FL/FS series is prepared to meet your needs. Little Giant's FLS/FS series combines both portability and power all-in-one. Ideal for water transfer or recirculation and general construction dewatering, the FLS/FS series delivers continuous duty cycling for heavy use applications.

Features & Benefits

- 1/2hp or 1hp permanent split capacitor motor with over-load protection
- 2" MNPT discharge
- 120°F (49°C) liquid temperature rating
- Continuous duty capabilities
- 20' power cord
- Designed for easy portability

Part No.	Description
FLS-400	1/2hp, 115vac, 20' cord length, 2" discharge
FS-750	1hp, 115vac, 20' cord length, 2" discharge

LittleGIANT



Specifications	FLS-400	FS-750
Power	1/2hp	1hp
Capacity	60 gpm @ 5'	80 gpm @ 5'
Shut Off	37' (8m)	52' (15.8m)
Max. Liquid Temp.	140°F (60°C)	140°F (60°C)
Discharge	2" MNPT	2" MNPT
Impeller	Urethane rubber	Balanced ductile iron
Electrical	115V, 60Hz, 5A	115V, 60Hz, 10A
Operation	Manual	Manual

14S Series Sewage Pump

The Little Giant 14 series sewage pump is specifically engineered to handle the tough, demanding tasks of effluent and sewage waste transfer with high efficiency and long-term dependability. For use in residential, commercial, industrial, and agricultural applications. Applications include dewatering, effluent waste, wastewater, and sewage handling where such materials must be moved upward from a collection point to sewer, septic, or drainage areas.

Features & Benefits

- 1/2hp thermally protected motor
- 100 gpm @ 10' maximum flow rate
- Epoxy-coated cast iron housing
- 2" spherical solids-handling capacity
- Two-vane non-clog impeller

Part No.	Description
514320	115vac, manual switch, 20' cord, 2" discharge
514420	115vac, manual switch, 20' cord, 3" discharge

LittleGIANT



Specifications	
Capacity	100 gpm @ 10'
Shut Off	25' (7.6m)
Max. Liquid Temp.	140°F (60°C)
Discharge	2" FNPT and 3" FNPT models
Impeller	Epoxy-coated cast iron
Electrical	115v, 60Hz, 11.6A
Operation	Manual

Submersible Pumps

12E Series Effluent Pump

When performance and efficiency are paramount, the 12E series effluent pump's high-flow cloverleaf intake doesn't rely on luck. Built for commercial applications, including effluent and septic wastewater removal, the 12E Series effluent pump is perfect for high-head performance in deep vault applications while maintaining high-head flow and clog resistance.

Features & Benefits

- 1/2hp permanent split capacitor (PSC) motor
- Heavy-duty epoxy-coated cast iron housing
- Designed for continuous duty
- 2" FNPT discharge (51mm)
- Piggyback automatic switch option
- 3/4" solids handling

Part No.	Description
512002	115vac, piggyback mech float, 20' cord, 2" discharge
512001	115vac, manual, 20' cord, 2" discharge



Specifications

Capacity	50 gpm @ 5'
Shut Off	53' (16.2m)
Max. Liquid Temp.	140°F (60°C)
Discharge	2" FNPT (51mm)
Impeller	Cast iron
Electrical	115v, 60Hz, 10A
Operation	Automatic or Manual

9SC Series Sewage Pump

A dependable companion in residential sewage and effluent wastewater transfer and dewatering, the 9SC series sewage pump handles solids up to 2" diameter. This general purpose series offers easy installation and maintenance-free operation.

Features & Benefits

- 4/10hp permanent split capacitor motor
- Automatic or manual operation
- Includes 20' power cord
- Continuous duty operation
- Up to 2" solids-handling capability
- Energy-saving low amp draw

Part No.	Description
509411	115vac, integral snap-action float, 20' cord, 2" discharge
509412	115vac, piggyback mech float, 20' cord, 2" discharge
509413	115vac, manual switch, 20' cord, 2" discharge



Specifications

Capacity	100 gpm @ 5'
Shut Off	20' (6.1m)
Max. Liquid Temp.	140°F (60°C)
Discharge	2" FNPT (51mm)
Impeller	Nylon
Electrical	115v, 60Hz, 8A
Operation	Automatic or Manual

Submersible Pumps

1/2HP Portable Transfer Pump

The Model 331 by Liberty Pumps is a convenient, easy to use portable transfer pump for moving water and other non-flammable liquids from one location to another. Typical applications include general water transfer, pool cover drainage, filling livestock tanks and draining water heaters. The 331 delivers up to 45 psi of pressure and has a maximum head of 105'. Maximum vertical suction lift is 15'.

Features & Benefits

- One-piece cast aluminum pump and motor housing with integral carry handle
- Durable epoxy powder coat finish
- 3/4" Brass garden hose connectors
- Permanently lubricated ball bearings
- Easily replaceable motor brushes

Part No.	Description
331	1/2hp portable transfer pump

**Liberty
Pumps®**



Specifications

Power	1/2hp
Max. Liquid Temp.	135°F
Discharge	3/4" Garden Hose
Impeller	Glass reinforced thermoplastic
Electrical	115V, 60Hz, 8A
Operation	Manual

FL50-Series Submersible Effluent Pumps

The FL50-Series by Liberty Pumps is a mid-range effluent pump designed for STEP systems, mound systems, liquid waste transfer and higher head dewatering applications. Built of heavy cast iron with an epoxy powder coat finish and stainless steel fasteners, the FL50 will provide years of reliable performance.

Features & Benefits

- Semi-open impeller permits passage of solids without clogging
- Stainless steel fasteners
- 416 stainless steel rotor shaft
- Permanently lubricated upper and lower ball bearings
- Oil-fired hermetically sealed motor with thermal over-load protection
- Dual-sized discharge flange: 1-1/2" or 2"

Part No.	Description
FL51A-2	1/2hp, 115v, 1ph, 25' cord, auto switch, series plug
FL51M-2	1/2hp, 115v, 1ph, 25' cord, manual switch, plug
FL52A-2	1/2hp, 208-230v, 1ph, 25' cord, auto switch, series plug
FL52M-2	1/2hp, 208-230v, 1ph, 25' cord, manual switch, plug

**Liberty
Pumps®**



Specifications

Capacity	10 GPM @50'
Max. Liquid Temp.	140°F (60°C)
Discharge	2" FNPT with a 1-1/2" FNPT flange provided
Impeller	Cast iron
Electrical	115/208-230
Operation	Automatic/Manual

Submersible Pumps

1HP Submersible Sewage Pumps

The LEH100-Series by Liberty Pumps is a high head 2" solids handling sewage pump. The LEH100 features all heavy cast iron housings, stainless steel fasteners and Liberty Pumps quick-connect power cord design. Available in 2" or 3" discharge and a variety of voltages, the LEH100-Series has a maximum head of 53 feet and is backed by Liberty Pumps 3-year warranty.

Features & Benefits

- Rugged 2 vane, semi-open cast iron impellers
- Oil-filled, hermetically sealed motors
- Built-in thermal protection on 1-phase models
- Permanently lubricated upper and lower ball bearings
- Single float mechanical level control with series plug for manual bypass operation standard on 1-phase automatic models

Part No.	Description
LEH102M	230V, 12A, 1PH, Manual
LEH102A	230V, 12A, 1PH, Automatic
LEH103M	208-230V, 9A, 3PH, Manual
LEH104M	440-480V, 4.5A, 3PH, Manual

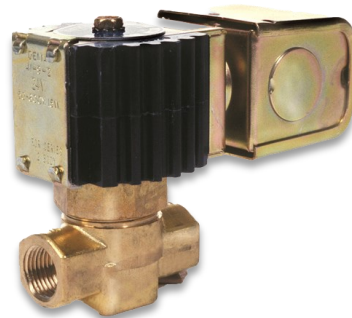


Specifications

Capacity	50 gpm @ 47'
Max. Liquid Temp.	140°F (60°C)
Discharge	2" FNPT or 3" FNPT, Flanged
Impeller	Cast iron
Electrical	(230V, 12A) (208-230V, 9A) (440-480V, 4.5)
Operation	Automatic or Manual

PFP

SALES AND SERVICE



Fittings & Accessories

Stainless Compression Fittings



Compression Tube Fittings



Hy-Lok two ferrule tube fittings have been designed and manufactured with great care to meet the specifications required for a wide range applications in chemical, petro-chemical, oil refineries, power generation, shipbuilding, pulp and papers, micro electronics, etc. Each Hy-Lok two ferrule tube fittings consists of four parts; body, front ferrule, back ferrule, and nut. The two-ferrule design, front and back, compensates for any tolerances in tube O.D., wall thickness, material hardness and always ensures outstanding leak-tight connections.

Straight Union



Product No.	Tube O.D.	Tube O.D.
CUA4-S316	1/4"	1/4"
CUA6-S316	3/8"	3/8"
CUA8-S316	1/2"	1/2"
CUA10-S316	5/8"	5/8"
CUA12-S316	3/4"	3/4"
CUA16-S316	1"	1"

Reducing Union



Product No.	Tube O.D.	Tube O.D.
CUR64-S316	3/8"	1/4"
CUR84-S316	1/2"	1/4"
CUR86-S316	1/2"	3/8"
CUR106-S316	5/8"	3/8"
CUR108-S316	5/8"	3/8"
CUR124-S316	3/4"	1/4"
CUR126-S316	3/4"	3/8"
CUR128-S316	3/4"	1/2"
CUR1210-S316	3/4"	5/8"
CUR168-S316	1"	1/2"
CUR1612-S316	1"	3/4"

Female Elbow



Product No.	Tube O.D.	Female NPT
CLF44N-S316	1/4"	1/4"
CLF66N-S316	3/8"	3/8"
CLF88N-S316	1/2"	1/2"
CLF1010N-S316	5/8"	5/8"
CLF1212N-S316	3/4"	3/4"
CLF1616N-S316	1"	1"

Male Elbow



Product No.	Tube O.D.	Male NPT
CLMA44-S316	1/4"	1/4"
CLMA66-S316	3/8"	3/8"
CLMA88-S316	1/2"	1/2"
CLMA1010-S316	5/8"	5/8"
CLMA1212-S316	3/4"	3/4"
CLMA1616-S316	1"	1"

Union Tee



Product No.	Tube O.D.	Tube O.D.
CTA4-S316	1/4"	1/4"
CTA6-S316	3/8"	3/8"
CTA8-S316	1/2"	1/2"
CTA10-S316	5/8"	5/8"
CTA12-S316	3/4"	3/4"
CTA16-S316	1"	1"

90° Union Elbow



Product No.	Tube O.D.	Tube O.D.
CLA4-S316	1/4"	1/4"
CLA6-S316	3/8"	3/8"
CLA8-S316	1/2"	1/2"
CLA10-S316	5/8"	5/8"
CLA12-S316	3/4"	3/4"
CLA16-S316	1"	1"

Union Cross



Product No.	Tube O.D.	Tube O.D.
CXA4-S316	1/4"	1/4"
CXA6-S316	3/8"	3/8"
CXA8-S316	1/2"	1/2"
CXA10-S316	5/8"	5/8"
CXA12-S316	3/4"	3/4"
CXA16-S316	1"	1"

Male Connector



Product No.	Tube O.D.	Tube O.D.
CMC44N-S316	1/4"	1/4"
CMC66N-S316	3/8"	3/8"
CMC88N-S316	1/2"	1/2"
CMC1212N-S316	3/4"	3/4"
CMC1616M-S316	1"	1"

Female Connector



Product No.	Tube O.D.	Tube O.D.
CFC44N-S316	1/4"	1/4"
CFC66N-S316	3/8"	3/8"
CFC88N-S316	1/2"	1/2"
CFC1212N-S316	3/4"	3/4"
CFC1616N-S316	1"	1"

Stainless Compression Fittings



Compression Tube Fittings



Tube Reducer



Product No.	Tube O.D. Female	Tube O.D. Male
CR44-S316	1/4"	1/4"
CR48-S316	1/4"	1/2"
CR410-S316	1/4"	5/8"
CR412-S316	1/4"	3/4"
CR64-S316	3/8"	1/4"
CR66-S316	3/8"	3/8"
CR68-S316	3/8"	1/2"
CR610-S316	3/8"	5/8"
CR612-S316	3/8"	3/4"
CR84-S316	1/2"	1/4"
CR86-S316	1/2"	3/8"
CR88-S316	1/2"	1/2"
CR810-S316	1/2"	5/8"
CR812-S316	1/2"	3/4"
CR816-S316	1/2"	1"
CR1012-S316	5/8"	3/4"
CR1016-S316	5/8"	1"
CR128-S316	3/4"	1/2"
CR1216-S316	3/4"	1"

Female Branch Tee



Product No.	Tube O.D.	Female NPT
CBT44N-S316	1/4"	1/4"
CBT64N-S316	3/8"	1/4"
CBT84N-S316	1/2"	1/4"
CBT86N-S316	1/2"	3/8"
CBT88N-S316	1/2"	1/2"
CBT108N-S316	5/8"	1/2"
CBT1212N-S316	3/4"	3/4"
CBT1612N-S316	1"	3/4"
CBT1616N-S316	1"	1"

Ferrule Set



Product No.	Tube O.D.
CFS4-S316	1/4"
CFS6-S316	3/8"
CFS8-S316	1/2"
CFS10-S316	5/8"
CFS12-S316	3/4"
CFS16-S316	1"

Male Adapter



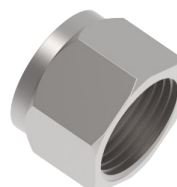
Product No.	Tube O.D.	Male NPT
CAM44N-S316	1/4"	1/4"
CAM46N-S316	1/4"	3/8"
CAM48N-S316	1/4"	1/2"
CAM64N-S316	3/8"	1/4"
CAM66N-S316	3/8"	3/8"
CAM68N-S316	3/8"	1/2"
CAM84N-S316	1/2"	1/4"
CAM86N-S316	1/2"	3/8"
CAM88N-S316	1/2"	1/2"
CAM106N-S316	5/8"	3/8"
CAM108N-S316	5/8"	1/2"
CAM1012N-S316	5/8"	3/4"
CAM128N-S316	3/4"	1/2"
CAM1212N-S316	3/4"	3/4"
CAM1216N-S316	3/4"	1"
CAM1612N-S316	1"	3/4"
CAM1616N-S316	1"	1"

Female Adapter



Product No.	Tube O.D.	Female NPT
CAF44N-S316	1/4"	1/4"
CAF46N-S316	1/4"	3/8"
CAF48N-S316	1/4"	1/2"
CAF64N-S316	3/8"	1/4"
CAF66N-S316	3/8"	3/8"
CAF68N-S316	3/8"	1/2"
CAF84N-S316	1/2"	1/4"
CAF86N-S316	1/2"	3/8"
CAF88N-S316	1/2"	1/2"
CAF106N-S316	5/8"	3/8"
CAF108N-S316	5/8"	1/2"
CAF1012N-S316	5/8"	3/4"
CAF128N-S316	3/4"	1/2"
CAF1212N-S316	3/4"	3/4"
CAF1216N-S316	3/4"	1"
CAF1612N-S316	1"	3/4"
CAF1616N-S316	1"	1"

Nut



Product No.	Tube O.D.
CN4-S316	1/4"
CN6-S316	3/8"
CN8-S316	1/2"
CN10-S316	5/8"
CN12-S316	3/4"
CN16-S316	1"

Stainless Tube



High Pressure Stainless Tube

Stainless steel compression tubing is preferred in high pressure systems. The strong and rust resistant nature of the stainless tube gives it long life in industrial settings like barns and wash bays. Ask us today which tube is best for your application.

Product No.	Tube O.D.	Wall Thickness	Steel Type
SS0004.316.035	1/4"	0.035"	316 SS
SS0006.316.035	3/8"	0.035"	316 SS
SS0008.304.049	1/2"	0.049"	304 SS
SS0008.316.035	1/2"	0.035"	316 SS
SS0008.316.049*	1/2"	0.049"	316 SS
SS0012.304.065	3/4"	0.065"	304 SS
SS0012.316.065	3/4"	0.065"	316 SS
SS0012.304.035	3/4"	0.035"	304 SS
SS0012.304.049	3/4"	0.049"	304 SS
SS0016.304.065	1"	0.065"	304 SS
SS0016.316.083	1"	0.083"	316 SS
SS0024.316.095	1-1/2"	0.095"	316 SS

*Most popular tube in pressure washing applications.

Need tube or pipe that is not listed above?
Call us today.

Stainless Fittings, High Pressure

Bushing

High Pressure, 3000 PSI

Product No.	Size	PSI
CTRB3000-3/8	3/8" x 1/4"	3000
CTRB6000-3/8	3/8" x 1/4"	6600
CTRB3000-1/2	1/2" x 3/8"	3000
CTRB6000-1/2	1/2" x 3/8"	4900
CTRB3000-3/4	3/4" x 1/2"	3000
CTRB3000-1	1" x 3/4"	3000
CTRB3000-1-1/4	1-1/4" x 1"	3000
CTRB3000-112X1	1-1/2" x 1"	3000



Tee

Product No.	Size	PSI
CTTT3000-1/4	1/4"	3000
CTTT6000-1/4	1/4"	6600
CTTT3000-3/8	3/8"	3000
CTTT6000-3/8	3/8"	5300
CTTT3000-1/2	1/2"	3000
CTTT6000-1/2	1/2"	4900
CTTT3000-3/4	3/4"	3000
CTTT3000-1	1"	3000
CTTT3000-1-1/4	1-1/4"	3000



304 Stainless Steel, 3000 PSI

Couplings

Product No.	Size	PSI
CTCC3000-1/4	1/4"	3000
CTCC6000-1/4	1/4"	6600
CTCC3000-3/8	3/8"	3000
CTCC6000-3/8	3/8"	5300
CTCC3000-1/2	1/2"	3000
CTCC6000-1/2	1/2"	4900
CTCC3000-3/4	3/4"	3000
CTCC3000-1	1"	3000
CTCC3000-1-1/4	1-1/4"	3000



Elbow

316 SS, High Pressure, FPT

Product No.	Size
CTLL3000-1/4	1/4"
CTLL6000-1/4	1/4"
CTLL3000-3/8	3/8"
CTLL6000-3/8	3/8"
CTLL3000-1/2	1/2"
CTLL6000-1/2	1/2"
CTLL3000-3/4	3/4"
CTLL3000-1	1"

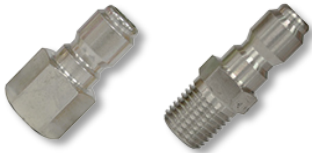


Product No.	Size
08X88SS-050-050	1/2" fpt
08X88SS-075-075	3/4" fpt
08X88SS-100-100	1" fpt

Stainless Fittings

Quick Couplers

Plug



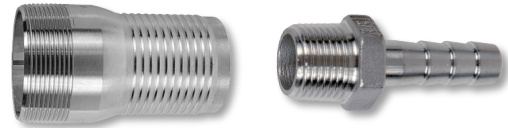
Product No.	Size
87071400	1/4" mpt
87071380	1/4" fpt
87071520	3/8" mpt
87071440	3/8" fpt
KH12SM	1/2" mpt
KH12SF	1/2" fpt

Sockets



Product No.	Size
87071100	1/4" mpt
87071030	1/4" fpt
87071350	3/8" mpt
87071250	3/8" fpt
KHS12M	1/2" mpt
KHS12F	1/2" fpt

Combination Nipple



Product No.	Size
G21SS-025-025	1/4"
G21SS-038-038	3/8"
G33SS-050	1/2"
G33SS-075	3/4"
G33SS-100	1"
G33SS-125	1-1/4"
G33SS-150	1-1/2"
G33SS-150-200	1-1/2" mpt X 2"
G33SS-150P	1-1/2" mpt X 1/4" Port

Product No.	Size
G33SS-200	2"
G33SS-200P	2" mpt X 1/4" Port
G33SS-250	2-1/2"
G33SS-300	3"
G33SS-400	4"
G33SS-600	6"

Port Model



Nipples

316 SS, Sched 40, Low Pressure, 150 PSI



Product No.	Size	Length
G1616SS-075XC	3/4"	Close
G1616SS-075X2	3/4"	2"
G1616SS-075X3	3/4"	3"
G1616SS-075X4	3/4"	4"

Product No.	Size	Length
G1616SS-100XC	1"	Close
G1616SS-100X2	1"	2"
G1616SS-100X3	1"	3"
G1616SS-100X4	1"	4"

Product No.	Size	Length
G1616SS-025XC	1/4"	Close
G1616SS-025X1.5	1/4"	1-1/2"
G1616SS-025X2	1/4"	2"
G1616SS-025X3	1/4"	3"

Product No.	Size	Length
G1616SS-038XC	3/8"	Close
G1616SS-038X2	3/8"	2"
G1616SS-038X3	3/8"	3"

Product No.	Size	Length
G1616SS-050XC	1/2"	Close
G1616SS-050X2	1/2"	2"
G1616SS-050X4	1/2"	4"

Product No.	Size	Length
G1616SS-150XC	1-1/2"	Close
G1616SS-150X4	1-1/2"	4"

Product No.	Size	Length
G1616SS-125XC	1-1/4"	Close
G1616SS-125X3	1-1/4"	3"

Product No.	Size	Length
G1616SS-150XC	1-1/2"	Close
G1616SS-150X2	1-1/2"	2"
G1616SS-150X3	1-1/2"	3"
G1616SS-150X4	1-1/2"	4"
G1616SS-150X5	1-1/2"	5"
G1616SS-150X6	1-1/2"	6"

Product No.	Size	Length
G1616SS-200XC	2"	Close
G1616SS-200X4	2"	4"

Product No.	Size	Length
G1616SS-250XC	2-1/2"	Close
G1616SS-300XC	3"	Close
G1616SS-300X4	3"	4"
G1616SS-400XC	4"	Close
G1616SS-400X6	4"	6"

Nipples

304 SS, Sched 80, High Pressure, 3000 PSI

Product No.	Size
CT80122	1/2" x 2"
CT80124	1/2" x 4"
CT80126	1/2" x 6"
CT80128	1/2" x 8"
CT8012CL	1/2" mpt x Close
CT80142	1/4" x 2"
CT80144	1/4" x 4"
CT8014CL	1/4" mpt x Close
CT80344	3/4" x 4" mpt
CT8034CL	3/4" mpt x Close
CT80382	3/8" x 2"
CT8038CL	3/8" mpt x Close



Stainless Fittings, Low Pressure

Union

Product No.	Size
G0808SSU-050-050	1/2" x 1/2" fpt
G0808SSU-075-075	3/4" x 3/4" fpt
G0808SSU-100-100	1" x 1" fpt
G0808SSU-125-125	1-1/4" x 1-1/4" fpt
G0808SSU-150-150	1-1/2" x 1-1/2" fpt
G0808SSU-200-200	2" x 2" fpt



Tee

Product No.	Size
G08T88SS-025-025	1/4"
G08T88SS-038-038	3/8"
G08T88SS-050-050	1/2"
G08T88SS-075-075	3/4"
G08T88SS-100-100	1"
G08T88SS-125-125	1-1/4"
G08T88SS-150-150	1-1/2"
G08T88SS-200-200	2"
G08T88SS-300-300	3"



Elbow, Street

Product No.	Degree	Size
G1698SS-025-025	90°	1/4" F x M
G1698SS-038-038	90°	3/8" F x M
G1698SS-050-050	90°	1/2" F x M
G1698SS-075-075	90°	3/4" F x M
G1698SS-100-100	90°	1" F x M
G1698SS-125-125	90°	1-1/4" F x M
G1698SS-150-150	90°	1-1/2" F x M
G1698SS-200-200	90°	2" F x M



Elbow

150 PSI

Product No.	Degree	Size
G0848SS-050-050	45°	1/2"
G0848SS-075-075	45°	3/4"
G0848SS-200-200	45°	2"
G0898SS-025-025	90°	1/4"
G0898SS-038-038	90°	3/8"
G0898SS-050-050	90°	1/2"
G0898SS-075-075	90°	3/4"
G0898SS-100-100	90°	1"
G0898SS-125-125	90°	1-1/4"
G0898SS-150-150	90°	1-1/2"
G0898SS-200-200	90°	2"

Cross

Product No.	Size
G08X88SS-038-038	3/8" fpt
G08X88SS-050-050	1/2" fpt
G08X88SS-075-075	3/4" fpt
G08X88SS-100-100	1" fpt



Couplings

Product No.	Size
G0808SS-013-013	1/8"
G0808SS-025-025	1/4"
G0808SS-038-038	3/8"
G0808SS-050-050	1/2"
G0808SS-100-100	1"
G0808SS-125-125	1-1/4"
G0808SS-200-200	2"
G0808SS-300-300	3"



Bushing

150 PSI



Product No.	Size
G0816SS-025-013	1/4" mpt x 1/8" fpt
G0816SS-038-013	3/8" mpt x 1/8" fpt
G0816SS-038-025	3/8" mpt x 1/4" fpt
G0816SS-050-025	1/2" mpt x 1/4" fpt
G0816SS-050-038	1/2" mpt x 3/8" fpt
G0816SS-075-025	3/4" mpt x 1/4" fpt
G0816SS-075-038	3/4" mpt x 3/8" fpt
G0816SS-075-050	3/4" mpt x 1/2" fpt
G0816SS-100-025	1" mpt x 1/4" fpt
G0816SS-100-038	1" mpt x 3/8" fpt
G0816SS-100-050	1" mpt x 1/2" fpt
G0816SS-100-075	1" mpt x 3/4" fpt

Product No.	Size
G0816SS-125-025	1-1/4" mpt x 1/4" fpt
G0816SS-125-050	1-1/4" mpt x 1/2" fpt
G0816SS-125-075	1-1/4" mpt x 3/4" fpt
G0816SS-125-100	1-1/4" mpt x 1" fpt
G0816SS-150-050	1-1/2" mpt x 1/2" fpt
G0816SS-150-075	1-1/2" mpt x 3/4" fpt
G0816SS-150-100	1-1/2" mpt x 1" fpt
G0816SS-150-125	1-1/2" mpt x 1-1/4" fpt
G0816SS-200-100	2" mpt x 1" fpt
G0816SS-200-125	2" mpt x 1-1/4" fpt
G0816SS-200-150	2" mpt x 1-1/2" fpt
G0816SS-250-150	2-1/2" mpt x 1-1/2" fpt
G0816SS-250-200	2-1/2" mpt x 2" fpt
G0816SS-300-200	3" mpt x 2" fpt
G0816SS-300-250	3" mpt x 2-1/2" fpt
G0816SS-400-300	4" mpt x 3" fpt

Product No.	Size
G0808SS-038-025	3/8" x 1/4"
G0808SS-050-038	1/2" x 3/8"
G0808SS-075-050	3/4" x 1/2"
G0808SS-100-050	1" x 1/2"
G0808SS-100-075	1" x 3/4"
G0808SS-125-100	1-1/4" x 1"
G0808SS-150-100	1-1/2" x 1"
G0808SS-150-125	1-1/2" x 1-1/4"
G0808SS-150-150	1-1/2" x 1-1/2"
G0808SS-200-100	2" x 1"
G0808SS-200-125	2" x 1-1/4"
G0808SS-200-150	2" x 1-1/2"
G0808SS-300-200	3" x 2"



Steel Fittings



Female Tee

Product No.	Size
08T88-02-02	1/8"
08T88-04-04	1/4"
08T88-06-06	3/8"
08T88-08-08	1/2"
08T88-12-12	3/4"
08T88-16-16	1"
08T88-20-20	1-1/4"
08T88-24-24	1-1/2"
08T88-32-32	2"



Female Cross

Product No.	Size
08X88-02-02	1/8"
08X88-04-04	1/4"
08X88-06-06	3/8"
08X88-08-08	1/2"
08X88-12-12	3/4"
08X88-16-16	1"
08X88-20-20	1-1/4"
08X88-24-24	1-1/2"
80X88-32-32	2"



90° Street Elbow

Product No.	Size
1698-02-02	1/8" x 1/8"
1698-02-04	1/8" x 1/4"
1698-04-02	1/4" x 1/8"
1698-04-04	1/4" x 1/4"
1698-04-06	1/4" x 3/8"
1698-06-04	3/8" x 1/4"
1698-06-06	3/8" x 3/8"
1698-06-08	3/8" x 1/2"
1698-08-06	1/2" x 3/8"
1698-08-08	1/2" x 1/2"
1698-08-12	1/2" x 3/4"
1698-12-08	3/4" x 1/2"
1698-12-12	3/4" x 3/4"
1698-16-16	1" x 1"
1698-20-20	1-1/4" x 1-1/4"
1698-24-24	1-1/2" x 1-1/2"
1698-32-32	2" x 2"



Male 90° Elbow

Product No.	Size
1696-02-02	1/8" x 1/8"
1696-04-02	1/4" x 1/8"
1696-04-04	1/4" x 1/4"
1696-06-04	3/8" x 1/4"
1696-06-06	3/8" x 3/8"
1696-08-06	1/2" x 3/8"
1696-08-08	1/2" x 1/2"
1696-12-08	3/4" x 1/2"
1696-12-12	3/4" x 3/4"
1696-16-12	1" x 3/4"
1696-16-16	1" x 1"
1696-20-20	1-1/4" x 1-1/4"
1696-24-24	1-1/2" x 1-1/2"
1696-32-32	2" x 2"



Female 90° Elbow

Product No.	Size
0898-02-02	1/8" x 1/8"
0898-04-02	1/4" x 1/8"
0898-04-04	1/4" x 1/4"
0898-06-04	3/8" x 1/4"
0898-06-06	3/8" x 3/8"
0898-08-06	1/2" x 3/8"
0898-08-08	1/2" x 1/2"
0898-12-08	3/4" x 1/2"
0898-12-12	3/4" x 3/4"
0898-16-12	1" x 3/4"
0898-16-16	1" x 1"
0898-20-20	1-1/4" x 1-1/4"
0898-24-24	1-1/2" x 1-1/2"
0898-32-32	2" x 2"



Thread Tee

Product No.	Male	Female
16T86-02-02	1/8"	1/8"
16T86-04-04	1/4"	1/4"
16T86-06-06	3/8"	3/8"
16T86-08-08	1/2"	1/2"
16T86-12-12	3/4"	3/4"
16T86-16-16	1"	1"
16T86-20-20	1-1/4"	1-1/4"
16T86-24-24	1-1/2"	1-1/2"



Male Tee

Product No.	Size
16T66-04-04	1/4"
16T66-06-06	3/8"
16T66-08-08	1/2"
16T66-12-12	3/4"
16T66-16-16	1"



Thread Run Tee

Product No.	Male	Female
16T88-02-02	1/8"	1/8"
16T88-04-04	1/4"	1/4"
16T88-06-06	3/8"	3/8"
16T88-08-08	1/2"	1/2"
16T88-12-12	3/4"	3/4"
16T88-16-16	1"	1"
16T88-20-20	1-1/4"	1-1/4"
16T88-24-24	1-1/2"	1-1/2"
16T88-32-32	2"	2"



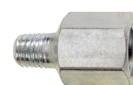
45° Street Elbow

Product No.	Male	Female
1648-02-02	1/8"	1/8"
1648-04-04	1/4"	1/4"
1648-06-06	3/8"	3/8"
1648-08-08	1/2"	1/2"
1648-12-12	3/4"	3/4"
1648-16-16	1"	1"
1648-20-20	1-1/4"	1-1/4"
1648-24-24	1-1/2"	1-1/2"
1648-32-32	2"	2"



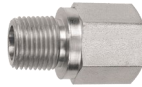
Male Grease to Female NPT Adapter

Product No.	Male	Female
1608GR-01-02	1/4" Taper (SAE-LT)	1/8"



Steel Fittings

Pipe Reducer



Product No.	Male Pipe	Female Pipe
1608-01-02	1/16"	1/8"
1608-02-02	1/8"	1/8"
1608-02-04	1/8"	1/4"
1608-04-04	1/4"	1/4"
1608-04-06	1/4"	3/8"
1608-04-08	1/4"	1/2"
1608-06-06	3/8"	3/8"
1608-06-08	3/8"	1/2"
1608-08-08	1/2"	1/2"
1608-08-12	1/2"	3/4"
1608-08-16	1/2"	1"
1608-12-12	3/4"	3/4"
1608-12-16	3/4"	1"
1608-16-16	1"	1"
1608-16-20	1"	1-1/4"
1608-20-20	1-1/4"	1-1/4"
1608-20-24	1-1/4"	1-1/2"
1608-24-32	1-1/2"	2"

Pipe Thread Bushing



Product No.	Male Pipe	Female Pipe
0816-04-02	1/4"	1/8"
0816-06-02	3/8"	1/8"
0816-06-04	3/8"	1/4"
0816-08-02	1/2"	1/8"
0816-08-04	1/2"	1/4"
0816-08-06	1/2"	3/8"
0816-12-04	3/4"	1/4"
0816-12-06	3/4"	3/8"
0816-12-08	3/4"	1/2"
0816-16-04	1"	1/4"
0816-16-06	1"	3/8"
0816-16-08	1"	1/2"
0816-16-12	1"	3/4"
0816-20-08	1-1/4"	1/2"
0816-20-12	1-1/4"	3/4"
0816-20-16	1-1/4"	1"
0816-24-08	1-1/2"	1/2"
0816-24-12	1-1/2"	3/4"
0816-24-16	1-1/2"	1"
0816-24-20	1-1/2"	1-1/4"
0816-32-16	2"	1"
0816-32-20	2"	1-1/4"
0816-32-24	2"	1-1/2"



Female Pipe Swivel Union



Product No.	Male	Female Swivel
0608-02-02	1/8"	1/8"
0608-02-04	1/8"	1/4"
0608-04-04	1/4"	1/4"
0608-04-06	1/4"	3/8"
0608-06-04	3/8"	1/4"
0608-06-06	3/8"	3/8"
0608-06-08	3/8"	1/2"
0608-08-04	1/2"	3/8"
0608-08-06	1/2"	3/8"
0608-08-08	1/2"	1/2"
0608-08-12	1/2"	3/4"
0608-12-08	3/4"	1/2"
0608-12-12	3/4"	3/4"
0608-12-16	3/4"	1"

Female Pipe Swivel



Product No.	Male
06T0606-04-04	1/4"
06T0606-06-06	3/8"
06T0606-08-08	1/2"
06T0606-12-12	3/4"
06T0606-16-16	1"
06T0606-20-20	1-1/4"

Pipe Cap



Product No.	Size
0800-02	1/8"
0800-04	1/4"
0800-06	3/8"
0800-08	1/2"
0800-12	3/4"
0800-16	1"

Male Pipe Swivel Union



Product No.	Male	Female Swivel
0616-02-02	1/8"	1/8"
0616-02-04	1/8"	1/4"
0616-04-02	1/4"	1/8"
0616-04-04	1/4"	1/4"
0616-04-06	1/4"	3/8"
0616-06-04	3/8"	1/4"
0616-06-06	3/8"	3/8"
0616-06-08	3/8"	1/2"
0616-08-04	1/2"	1/4"
0616-08-06	1/2"	3/8"
0616-08-08	1/2"	1/2"
0616-08-12	1/2"	3/4"
0616-12-08	3/4"	1/2"
0616-12-12	3/4"	3/4"
0616-12-16	3/4"	1"
0616-16-12	1"	3/4"
0616-16-16	1"	1"
0616-16-20	1"	1-1/4"
0616-20-16	1-1/4"	1"
0616-20-20	1-1/4"	1-1/4"
0616-20-24	1-1/4"	1-1/2"
0616-24-20	1-1/2"	1-1/4"
0616-24-24	1-1/2"	1-1/2"
0616-32-32	2"	2"

Pipe Coupling



Product No.	Size
0808-02-02	1/8" x 1/8"
0808-04-02	1/4" x 1/8"
0808-04-04	1/4" x 1/4"
0808-06-02	3/8" x 1/8"
0808-06-04	3/8" x 1/4"
0808-06-06	3/8" x 3/8"
0808-08-04	1/2" x 1/4"
0808-08-06	1/2" x 3/8"
0808-08-08	1/2" x 1/2"
0808-12-08	3/4" x 1/2"
0808-12-12	3/4" x 3/4"
0808-16-12	1" x 3/4"
0808-16-16	1" x 1"
0808-20-20	1-1/4" x 1-1/4"
0808-24-24	1-1/2" x 1-1/2"

Steel Fittings



Hex Nipples

Product No.	Size
1616SS-04-04	1/4"
1616SS-06-04	3/8" x 1/4"
1616SS-06-06	3/8"
1616SS-08-06	1/2" x 3/8"
1616SS-08-08	1/2"
1616SS-12-08	3/4" x 1/2"
1616SS-12-12	3/4"
1616SS-16-12	1" x 3/4"
1616SS-16-16	1"



Long Sleeve, Ferrule



Product No.	Nominal Hose Size	Sleeve I.D.	Sleeve Length
G3S-113	3/4"	1.13"	2.13"
G3S-138	3/4"	1.38"	2.13"
G3S-150	1"	1.50"	2.31"
G3S-163	1"	1.63"	2.31"
G3S-175	1"	1.75"	2.31"
G3S-213	1-1/2"	2.13"	2.38"
G3S-263	2"	2.63"	2.75"
G3S-275	2"	2.75"	2.75"
G3S-288	2"	2.88"	2.75"
G3S-313	2-1/2"	3.13"	3.13"
G3S-338	2-1/2"	3.38"	3.13"
G3S-363	3"	3.63"	3.94"

Short Sleeve, Ferrule



Product No.	Nominal Hose Size	Sleeve I.D.	Sleeve Length
G3S-113S	3/4"	1.13"	1.19"
G3S-138S	1"	1.38"	1.19"
G3S-163S	1"	1.63"	1.19"
G3S-175S	1-1/4"	1.75"	1.50"
G3S-188S	1-1/4"	1.88"	1.50"

Nipples

Product No.	Size	Length
G1616G-025XC	1/4"	Close
G1616G-025X1.5	1/4"	1-1/2"
G1616G-025X2	1/4"	2"
G1616G-025X2.5	1/4"	2-1/2"
G1616G-025X3	1/4"	3"
G1616G-025X4	1/4"	4"

Product No.	Size	Length
G1616G-038XC	3/8"	Close
G1616G-038X1.5	3/8"	1-1/2"
G1616G-038X2	3/8"	2"
G1616G-038X2.5	3/8"	2-1/2"
G1616G-038X3	3/8"	3"
G1616G-038X4	3/8"	4"

Product No.	Size	Length
G1616G-050XC	1/2"	Close
G1616G-050X1.5	1/2"	1-1/2"
G1616G-050X2	1/2"	2"
G1616G-050X2.5	1/2"	2-1/2"
G1616G-050X3	1/2"	3"
G1616G-050X4	1/2"	4"

Product No.	Size	Length
G1616G-075XC	3/4"	Close
G1616G-075X1.5	3/4"	1-1/2"
G1616G-075X2	3/4"	2"
G1616G-075X2.5	3/4"	2-1/2"
G1616G-075X3	3/4"	3"
G1616G-075X4	3/4"	4"

Product No.	Size	Length
G1616G-100XC	1"	Close
G1616G-100X1.5	1"	1-1/2"
G1616G-100X2	1"	2"
G1616G-100X2.5	1"	2-1/2"
G1616G-100X3	1"	3"
G1616G-100X4	1"	4"



Product No.	Size	Length
G1616G-150XC	1-1/2"	Close
G1616G-150X2	1-1/2"	2"
G1616G-150X2.5	1-1/2"	2-1/2"
G1616G-150X3	1-1/2"	3"
G1616G-150X4	1-1/2"	4"
G1616G-150X5	1-1/2"	5"

Product No.	Size	Length
G1616G-200XC	2"	Close
G1616G-200X2.5	2"	2-1/2"
G1616G-200X3	2"	3"
G1616G-200X4	2"	4"
G1616G-200X5	2"	5"
G1616G-200X6	2"	6"

Product No.	Size	Length
G1616G-250XC	2-1/2"	Close
G1616G-250X3	2-1/2"	3"
G1616G-250X4	2-1/2"	4"
G1616G-250X5	2-1/2"	5"
G1616G-250X6	2-1/2"	6"
G1616G-250X12	2-1/2"	12"

Product No.	Size	Length
G1616G-300XC	3"	Close
G1616G-300X3	3"	3"
G1616G-300X4	3"	4"
G1616G-300X5	3"	5"
G1616G-300X6	3"	6"
G1616G-300X12	3"	12"

Brass Fittings, Low Pressure

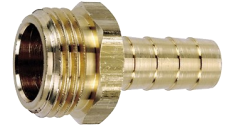
Coupling, Long Shank

Product No.	Size
G31BLS-075	3/4"



Garden Hose Insert, Male

Product No.	Size, Barb
G36BM-050	1/2"
G36BM-063	5/8"
G36BM-075	3/4"



Garden Hose Insert, Fght

Product No.	Size, Barb
G36BFH-050	1/2"
G36BFH-063	5/8"
G36BFH-075	3/4"



Garden Hose Adapter

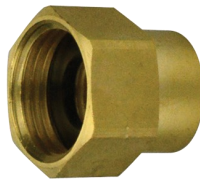
FGHT x FPT

Product No.	Size
G0708B-12	3/4"



Garden Hose Adapter, Swivel

Product No.	Size
G0708BSW-08	1/2"
G0708BSW-12	3/4"



Brass Hose Mender

Product No.	Size, Barb
G20B-025	1/4"
G20B-038	3/8"
G20B-050	1/2"



Brass & Stainless Push On



Male X Hose Barb



Female X Hose Barb



Hose Barb X Hose Barb



Male X Hose Barb

Product No.	Size
AB30-201	1/4" mpt x 1/4" barb
AB30-201SS	1/4" mpt x 1/4" barb, 316SS
AB30-201SW	1/4" mpt x 1/4" swivel
AB30-202	1/4" mpt x 3/8" barb
AB30-203	3/8" mpt x 1/4" barb
AB30-204	3/8" mpt x 3/8" barb
AB30-204SS	3/8" mpt x 3/8" barb, 316SS
AB30-204SW	3/8" mpt x 3/8" swivel
AB30-206	3/8" mpt x 1/2" barb
AB30-205	1/2" mpt x 3/8" barb
AB30-207	1/2" mpt x 1/2" barb
AB30-207SS	1/2" mpt x 1/2" barb, 316SS
AB30-207SW	1/2" mpt x 1/2" swivel
AB30-210SS	3/4" mpt x 3/4" barb, 316SS
AB30-215	3/4" mpt x 3/4" barb
AB30-216	1" mpt x 1" barb

Product No.	Size
EVRPN66	3/4" mpt x 3/4" barb, 303SS
EVRPN88	1" mpt x 1" barb, 303SS
AB30-300	1/4" hose x hose
AB30-301	3/8" hose x hose
AB30-302	1/2" hose x hose
AB30-304	3/4" hose x hose
AB30-306	1" hose x hose
AB30-222	1/4" fpt x 1/4" barb
AB30-223	1/4" fpt x 3/8" barb
AB30-225	3/8" fpt x 3/8" barb
AB30-226	3/8" fpt x 1/2" barb
AB30-227	1/2" fpt x 1/2" barb
AB30-305	3/4" fpt x 3/4" barb
AB30-402	1" fpt x 1" barb
AB30-311	90°, 1/4" mpt x 1/4" barb
AB30-312	90°, 3/8" mpt x 3/8" barb
AB30-313	90°, 1/2" mpt x 1/2" barb
AB30-314	90°, 3/4" mpt x 3/4" barb

Brass Male Hose Barb



MPT x Barb

Product No.	Size
G21B-013-013	1/8" x 1/8"
G21B-013-025	1/8" x 1/4"
G21B-025-013	1/4" x 1/8"
G21B-025-025	1/4" x 1/4"
G21B-025-038	1/4" x 3/8"
G21B-038-025	3/8" x 1/4"
G21B-038-038	3/8" x 3/8"
G21B-038-050	3/8" x 1/2"
G21B-038-063	3/8" x 5/8"
G21B-050-025	1/2" x 1/4"
G21B-050-038	1/2" x 3/8"
G21B-050-050	1/2" x 1/2"
G21B-050-063	1/2" x 5/8"
G21B-050-075	1/2" x 3/4"
G21B-075-050	3/4" x 1/2"
G21B-075-075	3/4" x 3/4"
G21B-075-100	3/4" x 1"
G21B-100-075	1" x 3/4"
G21B-100-100	1" x 1"

Brass Fittings

Brass Quick Couplers

Plug



Socket



Product No.	Size
CPST4B	1/4" FPT
KHB2T15	1/4" MPT
CPST6B	3/8" FPT
KHB3T20	3/8" MPT
CPST7B	1/2" MPT
CPST8B	1/2" FPT
CPST9B	3/4" MPT
CPST10B	3/4" FPT
CPST11B	1" FPT

Product No.	Size
CST3B	1/4" MPT
CST4B	1/4" FPT
CST5B	3/8" MPT
CST6B	3/8" FPT
CST7B	1/2" MPT
CST8B	1/2" FPT
CST9B	3/4" MPT
CST10B	3/4" FPT
CST12B	1" FPT

GHT to Quick Coupler



Product No.	Size
CST-GHTB	GHT x 1/2" female QC
CPST-GHTB	GHT x 1/2" male QC



45° Street Elbow



Product No.	Size
G1648B-02-02	1/8"
G1648B-04-04	1/4"
G1648B-06-06	3/8"
G1648B-08-08	1/2"
G1648B-12-12	3/4"

90° Street Elbow



Product No.	Size
G1698B-02-02	1/8" Male x 1/8" Female
G1698B-02-04	1/8" Male x 1/4" Female
G1698B-04-04	1/4" Male x 1/4" Female
G1698B-04-06	1/4" Male x 3/8" Female
G1698B-06-06	3/8" Male x 3/8" Female
G1698B-06-08	3/8" Male x 1/2" Female
G1698B-08-08	1/2" Male x 1/2" Female
G1698B-12-12	3/4" Male x 3/4" Female



Brass Nipples



Close Nipple



Long Nipple

Product No.	Size
G1616BC	1/8"
G1616BC	1/4"
G1616BC	3/8"
G1616BC	1/2"
G1616BC	3/4"
G1616BC	1"
G1616BC	1-1/4"
G1616BC	1-1/2"
G1616BC	2"

Product No.	Size	Length
G1616BL-02x1.5	1/8"	1.5"
G1616BL-02x2	1/8"	2.0"
G1616BL-02x2.5	1/8"	2.5"
G1616BL-02x3	1/8"	3.0"
G1616BL-02x4	1/8"	4.0"

Product No.	Size	Length
G1616BL-04x1.5	1/4"	1.5"
G1616BL-04x2	1/4"	2.0"
G1616BL-04x2.5	1/4"	2.5"
G1616BL-04x3	1/4"	3.0"
G1616BL-04x4	1/4"	4.0"
G1616BL-04x6	1/4"	6.0"



90° Female Elbow

Product No.	Size
G0898B-02-02	1/8"
G0898B-04-04	1/4"
G0898B-06-06	3/8"
G0898B-08-08	1/2"
G0898B-12-12	3/4"

Product No.	Size	Length
G1616BL-06x1.5	3/8"	1.5"
G1616BL-06x2	3/8"	2.0"
G1616BL-06x2.5	3/8"	2.5"
G1616BL-06x3	3/8"	3.0"
G1616BL-06x4	3/8"	4.0"
G1616BL-06x4.5	3/8"	4.5"
G1616BL-06x6	3/8"	6.0"

Product No.	Size	Length
G1616BL-08x1.5	1/2"	1.5"
G1616BL-08x2	1/2"	2.0"
G1616BL-08x2.5	1/2"	2.5"
G1616BL-08x3	1/2"	3.0"
G1616BL-08x4	1/2"	4.0"
G1616BL-08x6	1/2"	6.0"



90° Male Elbow

Product No.	Size
G1696B-02-02	1/8"
G1696B-04-04	1/4"
G1696B-06-06	3/8"
G1696B-08-06	1/2" x 3/8"
G1696B-08-08	1/2"

Product No.	Size	Length
G1616BL-12x2	3/4"	2.0"
G1616BL-12x3	3/4"	3.0"
G1616BL-125x2	1-1/4"	2.0"
G1616BL-150x2	1-1/2"	2.0"
G1616BL-150x3	1-1/2"	3.0"
G1616BL-150x6	1-1/2"	6.0"
G1616BL-200x2.5	2"	2.5"
G1616BL-200x4	2"	4.0"
G1616BL-200x6	2"	6.0"

Brass Fittings



Female Pipe Cross



Product No.	Size
G08X88B-02-02	1/8" FPT x FPT
G08X88B-04-04	1/4" FPT x FPT
G08X88B-06-06	3/8" FPT x FPT
G08X88B-08-08	1/2" FPT x FPT

Female Pipe Tee



Product No.	Size
G08T88B-02-02	1/8" FPT x FPT
G08T88B-04-02	1/4" FPT x 1/8" FPT
G08T88B-04-04	1/4" FPT x 1/4" FPT
G08T88B-06-06	3/8" FPT x 3/8" FPT
G08T88B-08-08	1/2" FPT x 1/2" FPT
G08T88B-12-12	3/4" FPT x 3/4" FPT

Male Tee



Product No.	Size
G16T66B-02-02	1/8" MPT x 1/8" MPT
G16T66B-04-04	1/4" MPT x 1/4" MPT
G16T66B-06-06	3/8" MPT x 3/8" MPT
G16T66B-08-08	1/2" MPT x 1/2" MPT

Hollow Hex Head Plug



Product No.	Size
G0800B-02	1/8"
G0800B-04	1/4"
G0800B-06	3/8"
G0800B-08	1/2"
G0800B-12	3/4"

Hex Nipple



Product No.	Size
G1616B-02-02	1/8" x 1/8"
G1616B-04-02	1/4" x 1/8"
G1616B-04-04	1/4" x 1/4"
G1616B-06-02	3/8" x 1/8"
G1616B-06-04	3/8" x 1/4"
G1616B-06-06	3/8" x 3/8"
G1616B-08-04	1/2" x 1/4"
G1616B-08-06	1/2" x 3/8"
G1616B-08-08	1/2" x 1/2"
G1616B-12-08	3/4" x 1/2"
G1616B-12-12	3/4" x 3/4"
G1616B-16-12	1" x 3/4"
G1616B-16-16	1" x 1"

Reducing Adapter



Product No.	Male Size	Female Size
G1608B-01-02	1/16"	1/8"
G1608B-02-02	1/8"	1/8"
G1608B-02-04	1/8"	1/4"
G1608B-02-06	1/8"	3/8"
G1608B-04-04	1/4"	1/4"
G1608B-04-06	1/4"	3/8"
G1608B-04-08	1/4"	1/2"
G1608B-06-06	3/8"	3/8"
G1608B-06-08	3/8"	1/2"
G1608B-08-08	1/2"	1/2"
G1608B-08-12	1/2"	3/4"

Hex Head Plug



Product No.	Size
G1600B-02	1/8"
G1600B-04	1/4"
G1600B-06	3/8"
G1600B-08	1/2"
G1600B-12	3/4"
G1600B-16	1"

Hollow Hex Head Plug



Product No.	Size
G1600HB-02	1/8"
G1600HB-04	1/4"
G1600HB-06	3/8"
G1600HB-08	1/2"
G1600HB-12	3/4"

Hollow Hex Head Plug



Product No.	Size
G0808B-02-02	1/8" x 1/8"
G0808B-04-02	1/4" x 1/8"
G0808B-04-04	1/4" x 1/4"
G0808B-06-02	3/8" x 1/8"
G0808B-06-04	3/8" x 1/4"
G0808B-06-06	3/8" x 3/8"
G0808B-08-04	1/2" x 1/4"
G0808B-08-06	1/2" x 3/8"
G0808B-08-08	1/2" x 1/2"
G0808B-12-08	3/4" x 1/2"
G0808B-12-12	3/4" x 3/4"

Hollow Hex Head Plug



Product No.	Size
G0816B-04-02	1/4" MPT x 1/8" FPT
G0816B-06-02	3/8" MPT x 1/8" FPT
G0816B-06-04	3/8" MPT x 1/4" FPT
G0816B-08-02	1/2" MPT x 1/8" FPT
G0816B-08-04	1/2" MPT x 1/4" FPT
G0816B-08-06	1/2" MPT x 3/8" FPT
G0816B-12-02	3/4" MPT x 1/8" FPT
G0816B-12-04	3/4" MPT x 1/4" FPT
G0816B-12-06	3/4" MPT x 3/8" FPT
G0816B-12-08	3/4" MPT x 1/2" FPT
G0816B-16-04	1" MPT x 1/4" FPT
G0816B-16-06	1" MPT x 3/8" FPT
G0816B-16-08	1" MPT x 1/2" FPT
G0816B-16-12	1" MPT x 3/4" FPT

Brass Fittings



Brass Swivel



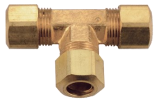
Product No.	Size
FLSW504	Swivel, 1/4" M x F
FLSW504A	Swivel, 3/8" M x F

90° Brass Swivel



Product No.	Size	PSI
FLSW504A-LFF	3/8" M x F	3500

Union Tee, Compression



Product No.	Tube Size
G60T00-02-02	1/8"
G60T00-03-03	3/16"
G60T00-04-04	1/4"
G60T00-05-05	5/16"
G60T00-06-06	3/8"
G60T00-08-08	1/2"
G60T00-10-10	5/8"
G60T00-12-12	3/4"

Brass Coupler Compression



Product No.	Tube Size
G6060-04-04	1/4"
G6060-05-05	5/16"
G6060-06-06	3/8"
G6060-08-08	1/2"

Female Connector, Compression



Product No.	Pipe Size	Tube Size
G6008-02-02	1/8"	1/8"
G6008-02-03	1/8"	3/16"
G6008-02-04	1/8"	1/4"
G6008-02-05	1/8"	5/16"
G6008-02-06	1/8"	3/8"
G6008-04-04	1/4"	1/4"
G6008-04-05	1/4"	5/16"
G6008-04-06	1/4"	3/8"
G6008-06-04	3/8"	1/4"
G6008-06-06	3/8"	3/8"
G6008-06-08	3/8"	1/2"
G6008-06-10	3/8"	5/8"
G6008-08-04	1/2"	1/4"
G6008-08-06	1/2"	3/8"
G6008-08-08	1/2"	1/2"
G6008-08-10	1/2"	5/8"
G6008-08-12	1/2"	3/4"
G6008-12-08	3/4"	1/2"
G6008-12-10	3/4"	5/8"
G6008-12-12	3/4"	3/4"

Male Connector, Compression



Product No.	Pipe Size	Tube Size
G6016-02-02	1/8"	1/8"
G6016-02-03	1/8"	3/16"
G6016-02-04	1/8"	1/4"
G6016-02-05	1/8"	5/16"
G6016-02-06	1/8"	3/8"
G6016-04-04	1/4"	1/4"
G6016-04-05	1/4"	5/16"
G6016-04-06	1/4"	3/8"
G6016-04-08	1/4"	1/2"
G6016-06-04	3/8"	1/4"
G6016-06-05	3/8"	5/16"
G6016-06-06	3/8"	3/8"
G6016-06-08	3/8"	1/2"
G6016-06-10	3/8"	5/8"
G6016-08-04	1/2"	1/4"
G6016-08-06	1/2"	3/8"
G6016-08-08	1/2"	1/2"
G6016-08-10	1/2"	5/8"
G6016-08-10	1/2"	3/4"
G6016-12-08	3/4"	1/2"
G6016-12-10	3/4"	5/8"
G6016-12-12	3/4"	3/4"

Aluminum Cam-Locks

These aluminum cam-locks are manufactured from aluminum alloy 384 (JIST grade ADS12) and feature type 316 stainless pins, forged brass handles, and plated steel finger rings. G65 couplings fit Commercial Item Description (CID) #A-A59326B for sizes 3/4" to 6" and will interchange with other couplings that meet this specification. Female couplers are supplied with locking clips.

Aluminum Working Pressures

Size	PSI
1/2" to 2"	250
2-1/2" to 4"	150
5" & 6"	75
8"	50
10"	50

Standard gaskets are rated to 105°C (221°F)

Product No.	Size	IMPA Code
G65A... Part A Female NPT Adapter		
G65A-075	3/4"	35-17-02
G65A-100	1"	35-17-03
G65A-125	1-1/4"	35-17-04
G65A-150	1-1/2"	35-17-05
G65A-200	2"	35-17-06
G65A-250	2-1/2"	35-17-07
G65A-300	3"	35-17-08
G65A-400	4"	35-17-09
G65A-500	5"	35-17-10
G65A-600	6"	35-17-11



Product No.	Size	IMPA Code
G65D... Part D Female NPT Coupler		
G65D-075	3/4"	35-18-02
G65D-100	1"	35-18-03
G65D-125	1-1/4"	35-18-04
G65D-150	1-1/2"	35-18-05
G65D-200	2"	35-18-06
G65D-250	2-1/2"	35-18-07
G65D-300	3"	35-18-08
G65D-400	4"	35-18-09
G65D-500	5"	35-18-10
G65D-600	6"	35-18-11



Product No.	Size	IMPA Code
G65B... Part B Male NPT Coupler		
G65B-075	3/4"	35-18-52
G65B-100	1"	35-18-53
G65B-125	1-1/4"	35-18-54
G65B-150	1-1/2"	35-18-55
G65B-200	2"	35-18-56
G65B-250	2-1/2"	35-18-57
G65B-300	3"	35-18-58
G65B-400	4"	35-18-59
G65B-500	5"	35-18-60
G65B-600	6"	35-18-61



Product No.	Size	IMPA Code
G65F... Part F Male NPT Adapter		
G65F-075	3/4"	35-17-52
G65F-100	1"	35-17-53
G65F-125	1-1/4"	35-17-54
G65F-150	1-1/2"	35-17-55
G65F-200	2"	35-17-56
G65F-250	2-1/2"	35-17-57
G65F-300	3"	35-17-58
G65F-400	4"	35-17-59
G65F-500	5"	35-17-60
G65F-600	6"	35-17-61



Product No.	Size	IMPA Code
G65DC... Part DC Dust Cap		
G65DC-075	3/4"	35-20-51
G65DC-100	1"	35-20-52
G65DC-125	1-1/4"	35-20-53
G65DC-150	1-1/2"	35-20-54
G65DC-200	2"	35-20-55
G65DC-250	2-1/2"	35-20-56
G65DC-300	3"	35-20-57
G65DC-400	4"	35-20-58
G65DC-500	5"	35-20-59
G65DC-600	6"	35-20-60



Product No.	Size	IMPA Code
G65DP... Part DP Dust Plug		
G65DP-075	3/4"	35-19-51
G65DP-100	1"	35-19-52
G65DP-125	1-1/4"	35-19-53
G65DP-150	1-1/2"	35-19-54
G65DP-200	2"	35-19-55
G65DP-250	2-1/2"	35-19-56
G65DP-300	3"	35-19-57
G65DP-400	4"	35-19-58
G65DP-500	5"	35-19-59
G65DP-600	6"	35-19-60



Safety Notice: Cam-Locks should not be used with compressed air or other compressed gases.

Aluminum Cam-Locks

Product No.	Size	IMPA Code
G65C... Part C Hose Shank Coupler		
G65C-075	3/4"	35-20-01
G65C-100	1"	35-20-02
G65C-125	1-1/4"	35-20-03
G65C-150	1-1/2"	35-20-04
G65C-200	2"	35-20-05
G65C-250	2-1/2"	35-20-06
G65C-300	3"	35-20-07
G65C-400	4"	35-20-08
G65C-500	5"	35-20-09
G65C-600	6"	35-20-10



Product No.	Size	IMPA Code
G65E... Part E Hose Shank Adapter		
G65E-075	3/4"	35-19-01
G65E-100	1"	35-19-02
G65E-125	1-1/4"	35-19-03
G65E-150	1-1/2"	35-19-04
G65E-200	2"	35-19-05
G65E-250	2-1/2"	35-19-06
G65E-300	3"	35-19-07
G65E-400	4"	35-19-08
G65E-500	5"	35-19-09
G65E-600	6"	35-19-10



Safety Notice: Cam-Locks should not be used with compressed air or other compressed gases.

Nylon Cam-Locks

Nylon and Polypropylene cam-locks are fiberglass reinforced for extra strength. They are often used where weight is a concern; for example on portable forest fire fighting equipment. All sizes come complete with stainless arms. The yellow nylon parts are favored for their strength, while black polypropylene is more economical, and suitable for a wider range of chemicals. Female couplers are supplied with locking clips.

Nylon Working Pressures at 20°C

Size	PSI
3/4" to 2"	100
3" & 4"	50

As temperatures rise, working pressures for these cam-locks drops dramatically. At 93°C, pressure ratings are reduced by 50% for nylon and polypropylene fittings.

Product No.	Size
G65NA... Nylon Part A Female NPT Adapter	
G65NA-100	1"
G65NA-150	1-1/2"
G65NA-200	2"
G65NA-300	3"
G65NA-400	4"



Product No.	Size
G65NE... Nylon Part E Hose Shank Adapter	
G65E-100	1"
G65E-150	1-1/2"
G65E-200	2"
G65E-300	3"
G65E-400	4"



Product No.	Size
G65NB... Nylon Part B Male NPT Coupler	
G65NB-100	1"
G65NB-150	1-1/2"
G65NB-200	2"
G65NB-300	3"
G65NB-400	4"



Product No.	Size
G65NF... Nylon Part F Male NPT Adapter	
G65NF-100	1"
G65NF-150	1-1/2"
G65NF-200	2"
G65NF-300	3"
G65NF-400	4"



Product No.	Size
G65NC... Nylon Part C Hose Shank Coupler	
G65NC-100	1"
G65NC-150	1-1/2"
G65NC-200	2"
G65NC-300	3"
G65NC-400	4"



Product No.	Size
G65NDC... Nylon Part DC Dust Cap	
G65NDC-100	1"
G65NDC-150	1-1/2"
G65NDC-200	2"
G65NDC-300	3"
G65NDC-400	4"



Product No.	Size
G65ND... Nylon Part D Female NPT Coupler	
G65ND-100	1"
G65ND-150	1-1/2"
G65ND-200	2"
G65ND-300	3"
G65ND-400	4"



Product No.	Size
G65NDP... Nylon Part DP Dust Plug	
G65NDP-100	1"
G65NDP-150	1-1/2"
G65NDP-200	2"
G65NDP-300	3"
G65NDP-400	4"



Safety Notice: Cam-Locks should not be used with compressed air or other compressed gases.

Polypropylene Cam-Locks

Product No.	Size
G65PA... Polypropylene Part A Female NPT Adapter	
G65PA-075	3/4"
G65PA-100	1"
G65PA-125	1-1/4"
G65PA-150	1-1/2"
G65PA-200	2"
G65PA-300	3"
G65PA-400	4"



Product No.	Size
G65PE... Polypropylene Part E Hose Shank Adapter	
G65PE-075	3/4"
G65PE-100	1"
G65PE-125	1-1/4"
G65PE-150	1-1/2"
G65PE-200	2"
G65PE-300	3"
G65PE-400	4"



Product No.	Size
G65PB... Polypropylene Part B Male NPT Coupler	
G65PB-075	3/4"
G65PB-100	1"
G65PB-125	1-1/4"
G65PB-150	1-1/2"
G65PB-200	2"
G65PB-300	3"
G65PB-400	4"



Product No.	Size
G65PF... Polypropylene Part F Male NPT Adapter	
G65PF-075	3/4"
G65PF-100	1"
G65PF-125	1-1/4"
G65PF-150	1-1/2"
G65PF-200	2"
G65PF-300	3"
G65PF-400	4"



Product No.	Size
G65PC... Polypropylene Part C Hose Shank Coupler	
G65PC-075	3/4"
G65PC-100	1"
G65PC-125	1-1/4"
G65PC-150	1-1/2"
G65PC-200	2"
G65PC-300	3"
G65PC-400	4"



Product No.	Size
G65PDC... Polypropylene Part DC Dust Cap	
G65PDC-075	3/4"
G65PDC-100	1"
G65PDC-125	1-1/4"
G65PDC-150	1-1/2"
G65PDC-200	2"
G65PDC-300	3"
G65PDC-400	4"



Product No.	Size
G65PD... Polypropylene Part D Female NPT Coupler	
G65PD-075	3/4"
G65PD-100	1"
G65PD-125	1-1/4"
G65PD-150	1-1/2"
G65PD-200	2"
G65PD-300	3"
G65PD-400	4"



Product No.	Size
G65PDP... Polypropylene Part DP Dust Plug	
G65PDP-075	3/4"
G65PDP-100	1"
G65PDP-125	1-1/4"
G65PDP-150	1-1/2"
G65PDP-200	2"
G65PDP-300	3"
G65PDP-400	4"



Safety Notice: Cam-Locks should not be used with compressed air or other compressed gases.

Brass Cam-Locks

Brass cam-locks are used where the application requires corrosion resistance or extra strength. G65BR couplings are manufactured from copper alloy grade 377 to the Commercial Item Description (CID) #A-A-59326B specification. Female couplers are supplied with the locking clips.

Brass Working Pressure

Size	PSI
1/2" to 2"	250
2-1/2" to 4"	150
5" & 6"	75
8"	50

Standard gaskets are rated to 105°C (221°F)

Product No.	Size	IMPA Code
G65BRA... Brass Part A Female NPT Adapter		
G65BRA-075	3/4"	35-17-16
G65BRA-100	1"	35-17-17
G65BRA-125	1-1/4"	35-17-18
G65BRA-150	1-1/2"	35-17-19
G65BRA-200	2"	35-17-20
G65BRA-250	2-1/2"	35-17-21
G65BRA-300	3"	35-17-22
G65BRA-400	4"	35-17-23
G65BRA-600	6"	35-17-25



Product No.	Size	IMPA Code
G65BRB... Brass Part A Female NPT Adapter		
G65BRB-075	3/4"	35-18-66
G65BRB-100	1"	35-18-67
G65BRB-125	1-1/4"	35-18-68
G65BRB-150	1-1/2"	35-18-69
G65BRB-200	2"	35-18-70
G65BRB-250	2-1/2"	35-18-71
G65BRB-300	3"	35-18-72
G65BRB-400	4"	35-18-73
G65BRB-600	6"	35-18-75



Product No.	Size	IMPA Code
G65BRC... Brass Part A Female NPT Adapter		
G65BRC-075	3/4"	35-20-15
G65BRC-100	1"	35-20-16
G65BRC-125	1-1/4"	35-20-17
G65BRC-150	1-1/2"	35-20-18
G65BRC-200	2"	35-20-19
G65BRC-250	2-1/2"	35-20-20
G65BRC-300	3"	35-20-21
G65BRC-400	4"	35-20-22
G65BRC-600	6"	35-20-24



Product No.	Size	IMPA Code
G65BRD... Brass Part A Female NPT Adapter		
G65BRD-075	3/4"	35-18-16
G65BRD-100	1"	35-18-17
G65BRD-125	1-1/4"	35-18-18
G65BRD-150	1-1/2"	35-18-19
G65BRD-200	2"	35-18-20
G65BRD-250	2-1/2"	35-18-21
G65BRD-300	3"	35-18-22
G65BRD-400	4"	35-18-23
G65BRD-600	6"	35-18-25



Product No.	Size	IMPA Code
G65BRE... Brass Part A Female NPT Adapter		
G65BRE-075	3/4"	35-19-15
G65BRE-100	1"	35-19-16
G65BRE-125	1-1/4"	35-19-17
G65BRE-150	1-1/2"	35-19-18
G65BRE-200	2"	35-19-19
G65BRE-250	2-1/2"	35-19-20
G65BRE-300	3"	35-19-21
G65BRE-400	4"	35-19-22
G65BRE-600	6"	35-19-24



Product No.	Size	IMPA Code
G65BRF... Brass Part A Female NPT Adapter		
G65BRF-075	3/4"	35-17-66
G65BRF-100	1"	35-17-67
G65BRF-125	1-1/4"	35-17-68
G65BRF-150	1-1/2"	35-17-69
G65BRF-200	2"	35-17-70
G65BRF-250	2-1/2"	35-17-71
G65BRF-300	3"	35-17-72
G65BRF-400	4"	35-17-73
G65BRF-600	6"	35-17-75



Product No.	Size	IMPA Code
G65BRDC... Brass Part A Female NPT Adapter		
G65BRDC-075	3/4"	35-20-65
G65BRDC-100	1"	35-20-66
G65BRDC-125	1-1/4"	35-20-67
G65BRDC-150	1-1/2"	35-20-68
G65BRDC-200	2"	35-20-69
G65BRDC-250	2-1/2"	35-20-70
G65BRDC-300	3"	35-20-71
G65BRDC-400	4"	35-20-72
G65BRDC-600	6"	35-20-74



Product No.	Size	IMPA Code
G65BRDP... Brass Part A Female NPT Adapter		
G65BRDP-075	3/4"	35-19-65
G65BRDP-100	1"	35-19-66
G65BRDP-125	1-1/4"	35-19-67
G65BRDP-150	1-1/2"	35-19-68
G65BRDP-200	2"	35-19-69
G65BRDP-250	2-1/2"	35-19-70
G65BRDP-300	3"	35-19-71
G65BRDP-400	4"	35-19-72
G65BRDP-600	6"	35-19-74



Safety Notice: Cam-Locks should not be used with compressed air or other compressed gases.

Stainless Steel Cam-Locks

These stainless couplings are manufactured from type 316 stainless for maximum corrosion resistance. Care is taken at the factory to ensure a smooth finish on wetted surfaces to minimize bacteria build-up in sanitary applications. Female couplers are supplied with locking clips.

Stainless Steel Working Pressure

Size	PSI
3/4" to 2"	250
2-1/2" to 4"	150
6"	100

Standard gaskets are rated to 105°C (221°F)

Product No.	Size	IMPA Code
G65SSA... Stainless Steel Part A Female NPT Adapter		
G65SSA-075	3/4"	35-17-32
G65SSA-100	1"	35-17-33
G65SSA-125	1-1/4"	35-17-34
G65SSA-150	1-1/2"	35-17-35
G65SSA-200	2"	35-17-36
G65SSA-250	2-1/2"	35-17-37
G65SSA-300	3"	35-17-38
G65SSA-400	4"	35-17-39
G65SSA-600	6"	35-17-41



Product No.	Size	IMPA Code
G65SSB... Stainless Steel Part B Male NPT Coupler		
G65SSB-075	3/4"	35-18-82
G65SSB-100	1"	35-18-83
G65SSB-125	1-1/4"	35-18-84
G65SSB-150	1-1/2"	35-18-85
G65SSB-200	2"	35-18-86
G65SSB-250	2-1/2"	35-18-87
G65SSB-300	3"	35-18-88
G65SSB-400	4"	35-18-89
G65SSB-600	6"	35-18-91



Product No.	Size	IMPA Code
G65SSC... Stainless Steel Part C Hose Shank Adapter		
G65SSC-075	3/4"	35-20-31
G65SSC-100	1"	35-20-32
G65SSC-125	1-1/4"	35-20-33
G65SSC-150	1-1/2"	35-20-34
G65SSC-200	2"	35-20-35
G65SSC-250	2-1/2"	35-20-36
G65SSC-300	3"	35-20-37
G65SSC-400	4"	35-20-38
G65SSC-600	6"	35-20-40



Product No.	Size	IMPA Code
G65SSD... Stainless Steel Part D Female NPT Coupler		
G65SSD-075	3/4"	35-18-32
G65SSD-100	1"	35-18-33
G65SSD-125	1-1/4"	35-18-34
G65SSD-150	1-1/2"	35-18-35
G65SSD-200	2"	35-18-36
G65SSD-250	2-1/2"	35-18-37
G65SSD-300	3"	35-18-38
G65SSD-400	4"	35-18-39
G65SSD-600	6"	35-18-41



Product No.	Size	IMPA Code
G65SSE... Stainless Steel Part E Hose Shank Adapter		
G65SSE-075	3/4"	35-19-31
G65SSE-100	1"	35-19-32
G65SSE-125	1-1/4"	35-19-33
G65SSE-150	1-1/2"	35-19-34
G65SSE-200	2"	35-19-35
G65SSE-250	2-1/2"	35-19-36
G65SSE-300	3"	35-19-37
G65SSE-400	4"	35-19-38
G65SSE-600	6"	35-19-40



Product No.	Size	IMPA Code
G65SSF... Stainless Steel Part F Male NPT Adapter		
G65SSF-075	3/4"	35-17-82
G65SSF-100	1"	35-17-83
G65SSF-125	1-1/4"	35-17-84
G65SSF-150	1-1/2"	35-17-85
G65SSF-200	2"	35-17-86
G65SSF-250	2-1/2"	35-17-87
G65SSF-300	3"	35-17-88
G65SSF-400	4"	35-17-89
G65SSF-600	6"	35-17-91



Product No.	Size	IMPA Code
G65SSDC... Stainless Steel Part DC Dust Cap		
G65SSDC-075	3/4"	35-20-81
G65SSDC-100	1"	35-20-82
G65SSDC-125	1-1/4"	35-20-83
G65SSDC-150	1-1/2"	35-20-84
G65SSDC-200	2"	35-20-85
G65SSDC-250	2-1/2"	35-20-86
G65SSDC-300	3"	35-20-87
G65SSDC-400	4"	35-20-88
G65SSDC-600	6"	35-20-90



Product No.	Size	IMPA Code
G65SSDP... Stainless Steel Part DP Dust Plug		
G65SSDP-075	3/4"	35-19-81
G65SSDP-100	1"	35-19-82
G65SSDP-125	1-1/4"	35-19-83
G65SSDP-150	1-1/2"	35-19-84
G65SSDP-200	2"	35-19-85
G65SSDP-250	2-1/2"	35-19-86
G65SSDP-300	3"	35-19-87
G65SSDP-400	4"	35-19-88
G65SSDP-600	6"	35-19-90



Safety Notice: Cam-Locks should not be used with compressed air or other compressed gases.

Strainers

Plastic In-Line Strainers

Compact "T" style line strainers with large filter areas for better filtration of liquids. Strainer elements can be easily cleaned or replaced without removing the entire strainer from the system. Tops and bowls feature heavy buttress threads to prevent cross-threading. Rated to 150 PSI at 70°F. or 100 PSI at 125°F. *Note: Do not use these strainers in systems where pressure spikes in excess of maximum operating pressure can be expected.*

All strainers are standard with 304SS wire mesh screens in 50 or 80 mesh sizes. 80 Mesh is 178 micron rating. Sealing gaskets are Viton® on all models.

Upper strainer caps are White Nylon construction. All strainer bowls are available in (white-nylon) or (clear-polymide). Both strainer types work well with soaps and waxes. (Specific compatibility should be checked for all chemical uses.)

All strainers are standard with female pipe threads except for 3350-82F "mini-strainer" which has 1/2" MPT x 1/4" FPT ports.

3350-44N



3350-44P



Product No.	Ports	Bowl	Screen
HY3350-82F	1/2" MPT	Clear	80 Mesh
HY3350-42N	1/2" FPT	White	50 Mesh
HY3350-68N	1/2" FPT	White	80 Mesh
HY3350-68P	1/2" FPT	Clear	80 Mesh
HY3350-44N	3/4" FPT	White	50 Mesh
HY3350-44P	3/4" FPT	Clear	50 Mesh
HY3350-45N	3/4" FPT	White	80 Mesh
HY3350-45P	3/4" FPT	Clear	80 Mesh
HY3350-61N	1" FPT	White	50 Mesh
HY3350-61P	1" FPT	Clear	50 Mesh
HY3350-62P	1" FPT	Clear	80 Mesh
HY3350-75N	1-1/4" FPT	White	50 Mesh
HY3350-75P	1-1/4" FPT	Clear	50 Mesh
HY3350-116N	1-1/2" FPT	White	50 Mesh
HY3350-116P	1-1/2" FPT	Clear	50 Mesh

Strainer Repair Parts—White Cap Style

Product No.	Size	Description
HY3351-7	1/2"	Strainer Cap
HY3351-6	3/4"	Strainer Cap
HY3351-14	1"	Strainer Cap
HY3351-16	1-1/4"	Strainer Cap
HY3351-26	1-1/2"	Strainer Cap
HY3351-5	3/4"	Strainer Bowl, White Bowl
HY3351-15	3/4"	Strainer Bowl, Clear Bowl
HY3351-13	1", 1-1/4", 1-1/2"	Strainer Bowl, White Bowl
HY3351-24	1", 1-1/4", 1-1/2"	Strainer Bowl, Clear Bowl
HY1700-44	1/2" & 3/4"	Buna Gasket
HY1700-45	1/2" & 3/4"	Viton® Gasket
HY1700-57	1", 1-1/4", 1-1/2"	Buna Gasket
HY1700-58	1", 1-1/4", 1-1/2"	Viton® Gasket
HY3800-29	1/2" & 3/4"	20 Mesh Stainless Screen
HY3800-25	1/2" & 3/4"	50 Mesh Stainless Screen
HY3800-26	1/2" & 3/4"	80 Mesh Stainless Screen
HY3800-40	1"	20 Mesh Stainless Screen
HY3800-41	1"	50 Mesh Stainless Screen
HY3800-42	1"	80 Mesh Stainless Screen
HY3800-43	1-1/4"	20 Mesh Stainless Screen
HY3800-44	1-1/4"	50 Mesh Stainless Screen
HY3800-45	1-1/4"	80 Mesh Stainless Screen
HY3800-65	1-1/2"	20 Mesh Stainless Screen
HY3800-66	1-1/2"	50 Mesh Stainless Screen
HY3800-67	1-1/2"	80 Mesh Stainless Screen



Strainers - Y Trap



- PSI max: 170
- Temp Max: 194°F
- Brass Bodies and Cap
- FPT Inlet and Outlet
- Stainless-Steel 50-Mesh Cylinder Screen

Product No.	Size	Max PSI
87099560	1/4"	170
87099570	3/8"	170
87099580	1/2"	170
87099590	3/4"	170
87099600	1"	170

Filters - In-Line - Nozzle - High-Pressure

Protect your turbo nozzle from damage caused by debris in the water flow.



87099780



87099790



8710149



8710150

- PSI max: 5000
- Temp Max: 300°F
- 1/4" MPT Outlet
- 100 Mesh Screen

Product No.	Description	Type
87099780	1/4" FPT Inlet x 1/4" MPT Outlet	Brass
87099790	1/4" QC Inlet x 1/4" MPT Outlet	Brass
87101490	1/4" QC Inlet x 1/4" MPT Outlet	416SS
87101500	1/4" MPT Inlet x 1/4" MPT Outlet	Brass
87042340	Replacement filter for 87099780/87099790	
87012010	Replacement filter for 87101490/87101500	

Strainers

Chemical Strainers

Filters - Chemical - Legacy Brass

50-mesh, stainless-steel screen. Removable mesh for easy cleaning. Heavy-duty, one-piece brass body holds the filter on the bottom of tank.



- 1/4" Hose Barb
- Stainless-Steel Check Ball

98036720

Product No.	Description
98036720	With Check Valve
87099340	Without Check Valve

ST-32 Chemical Strainers

Heavy weight. Soap enters through strainer preventing debris from entering the pump. A durable alternative to lightweight strainers. Chemical resistant plastic screen.



- 1/4" Brass Barb
- 5/16" or 3/8" Stainless Barb
- 4 ft. clear hose, #900000041

ST-200032600

Product No.	Description
ST-200032800	Brass
ST-200032600	Stainless Steel

Foot Valve

Corrosion-resistant foot valve for chemical lines. Brass body with 50 mesh stainless screen. Inlet barb is 1/4". Buna seal.



HY3350-128

Strainers / Tank Screen

Use for tank drain or chemical line.



- Stainless-Steel Screen 40 or 50 Mesh
- PVC Base attaches to nipple or tubing

Product No.	Size, FPT	Mesh
87100080	1/4"	50
87100100	3/8"	50
87100110	1/2"	40
98021620	1/2"	50
87100130	3/4"	40
87100140	3/4"	50
87100150	1"	40
87100160	1-1/2"	40

Filters - Chemical - Brass / Plastic

Polypropylene and brass construction.



- 7 mm Hose Barb

Product No.	Description
87099350	With Check Valve
98021600	Without Check Valve

Strainers

Round Hole Strainer (Plated Steel)

G34 strainers are made from zinc plated steel. The open area of 50% allows removal of damaging debris while still maintaining adequate flow.

Product No.	Pipe Size	Strainer Hole Size	Diameter	Height
G34-150	1-1/2"	3/8"	5"	3.75"
G34-200	2"	3/8"	6"	4.25"
G34-250	2-1/2"	3/8"	6"	4.25"
G34-300	3"	3/8"	7"	5.50"
G34-400	4"	3/8"	7"	5.50"
G34-600	6"	1"	9"	9.00"
G34-800	8"	1"	11"	11.50"
G34-1000	10"	1"	15"	18.00"



Cast Iron Foot Valve & Strainer

Cast iron foot valves employ a leather flapper that prevents the pump from losing its prime. They are ideal where the pump must be left unattended for long periods. The weight of the iron ensures that the valve remains in the water.

Product No.	Size	Diameter	Height
G34FV-150	1-1/2"	3-1/4"	4"
G34FV-200	2"	4-1/4"	5"
G34FV-250	2-1/2"	5-1/4"	5-1/2"
G34FV-300	3"	5-1/4"	6"
G34FV-400	4"	7"	9"
G34FV-600	6"	10"	11"
G34FV-800	8"	16"	15"



Polyethylene Basket Strainer

Polyethylene strainers are used where weight or corrosion resistance are important. They are particularly popular in marine applications.

Product No.	Size	Diameter	Height
G34P-150	1-1/2"	4.88"	3.63"
G34P-200	2"	4.88"	3.63"
G34P-300	3"	7.13"	4.13"



Pulsation Dampers/Accumulators

Pulsation Dampener - Rechargeable



6022

- GPM: 70
- PSI: 1500
- Inlet: 1-1/4" Male NPT
- Discharge: 1-1/4" Male NPT
- 316 Stainless Steel
- Bladder: NBR

Pulsation Dampener - Rechargeable



6209

- GPM: 15
- PSI: 3000
- Inlet: 1/2" Male NPT
- Discharge: 1/2" Male NPT
- 316 Stainless Steel
- Bladder: NBR

Pulsation Dampener - Sealed



6028

- GPM: 8
- PSI: 1000
- Inlet: 1/2" Male NPT
- Discharge: 1/2" Male NPT
- Steel
- Bladder: NBR

Accumulator KARCHER



87111450

- PSI: 3100
- Inlet: 1/2" Female NPT
- Karcher OEM

Accumulator KARCHER



87111460

- PSI: 3100
- Inlet: 3/8" Female NPT
- Karcher OEM

Accumulator KARCHER



65050540

- PSI: 3625
- Inlet: 3/8" Male NPT
- Karcher OEM

Accumulators are charged with nitrogen gas to a certain PSI. We offer the service of charging accumulators to your desired PSI, ask us about it today.

Pressure Relief Valves & Unloaders



Cat Unloaders

These Pressure Regulating Unloaders are designed for single gun or pump operation. This unloaders keeps a set system pressure and goes into by-pass when the trigger is released or there is a blockage downstream. It is NOT recommended for weep systems. 5-10% by-pass is necessary for optimum performance.



7501



7500S

Max Flow	6 gpm
Min Flow	0.5 gpm
Max Pressure	2000 psi
Inlet Port Size	3/8" NPT (M)
Discharge Port Size	3/8" NPT (M)
Material	316 Stainless Steel/ Brass
By-Pass Port	3/8" NPT (F)

This Pressure Sensitive Regulating Unloader is a special modular design that mounts directly onto the manifold head of the plunger pump model series 66DX. 5-10% by-pass is necessary for optimum performance. This unloader comes with a built-in fixed chemical injector.



7860

Max Flow	5 gpm
Min Flow	3 gpm
Max Pressure	4000 psi
Inlet Port Size	1/2" NPT (F)
Discharge Port Size	3/8" NPT (F)
Material	Brass
By-Pass Port	Built-in Channel

Unloader Valves - VB85 / 280 Series



87519640

- GPM: 21
- PSI: 4050
- Temperature: 200°F
- Pressure Actuated
- Forged-Brass Body
- Stainless-Steel Plunger and Seat
- 1/2" FPT Inlet, Outlet, Bypass

Unloader Valves - 22900A



87127080

- GPM: 13
- Temperature: 160°F
- Pressure Actuated
- Forged-Brass Body
- Stainless-Steel Ball and Seat
- 1/2" FPT Inlet, Outlet, Bypass

Unloader Valves - VB80 / 400 Series



87126560: VB80/400 YU2158
98020070: Repair Kit

- GPM: 21
- Temp: 195° F
- Forged Stainless-Steel Body
- All Stainless-steel Valve Parts
- Viton Seals
- 1/2" FPT Inlet, Outlet, Bypass

Unloader Valves - HM Model



87126220

- GPM: 1.4 - 10.8
- Temperature: 185°F
- Works on Single / Multiple Gun System
- Forged-Brass Body
- Stainless-Steel Ball and Seat
- 3/8" FPT Inlet, Bypass
- 3/8" MPT Outlet

Pressure Relief Valves & Unloaders

Unloader Valves - Pulsar General Pump



87548680

- GPM: 10
- PSI: 4050
- Temp: 195° F
- Forged brass body
- Stainless steel valves
- 3/8" FPT Inlet, Outlet, Bypass

Unloader Valves - MG4000



87127140

- GPM: 15
- PSI: 4500
- Forged brass body
- Use for time delay shutdown or as a burner control
- Karcher OEM part

Unloader Valves - VR56



87530170

- GPM: 8
- PSI: 3625
- Forged brass body
- Stainless steel valves
- 3/8" NPT (M) Inlet, Outlet, Bypass
- Karcher OEM part

Unloader Valves - VRT3-310PS6



87509560: VRT3, w/Knob & Switch
87507100: Repair Kit, VRT3

- GPM: 8
- Temp: 200° F
- PSI: 4500
- Forged brass body
- Stainless internals
- 3/8" FPT Inlet, Outlet, Bypass
- Karcher OEM part

Pressure Relief Valves - VS 500, High PSI



87127570

- GPM: 21
- PSI: 7250
- Temp: 195°F
- Brass body and fittings
- Stainless steel internals
- 1/2" FPT Inlet, 3/8" FPT Bypass
- Weight: 14.2 oz.

Pressure Relief Valves - VS 500, High PSI



SM-3300-84

- GPM: 10
- PSI: 2000
- Temp: 180°F
- Brass
- 1/2" FPT Inlet and Bypass
- Ideal for weep style trigger wands

Pressure Relief Valves - 7595



7595

- GPM: 53
- PSI: 2600
- Brass body
- 3/8" FPT Inlet, 1/2" FPT Bypass

Unloader Valves - ST-230



87126280

- GPM: 8
- PSI: 3600
- Temp: 200°F
- Brass body, Stainless-Steel Piston & Seat
- 1/4" FPT Inlet and Bypass
- Weight: 14 oz.

Pressure Relief Valves & Unloaders



87112320

Pressure Relief Valve **KARCHER**

- GPM: 6
- PSI: 6000
- Brass body and fittings
- Stainless steel internals
- 1/2" MPT Inlet, 1/4" Barb



98021820

Thermo Relief Valve **KARCHER**

- Brass body
- 1/2" MPT Inlet



98021910

Pressure Relief Valve, Pop-off Valve

- PSI: 5000
- 3/8" MPT Inlet



HWG40-38

Pressure Relief Valve - Magikist Burner

- Relief valve for Magikist burner



89024330

Pressure Relief Valve - VSA Valve **KARCHER**

- GPM: 5
- PSI: 3000
- Brass body and fittings
- 3/8" MPT Inlet, 3/8" Barb

Solenoid Valves

400 Series Brass Body Medium Pressure

DEMA



Application: Water, air, light oil, noncorrosive and non explosive liquids.

Operation: The stem and plunger assembly opens the port. This releases the pressure on top of the piston, which moves upward and opens the main valve port (except with 401P which is direct acting).

Temp: 200°F

Pipe Size: 1/4"-1" NPT

MOPD: Max 150 PSI Min 3 PSI

Benefits: High durability, Industrial construction

Normally Open Valves

Part No.	Volts	FPT Ports	Flow @ 60 PSI	Maximum Working Pressure	Pressure Differential Max. PSI Min. PSI	
DEO443P.3	24	3/8"	8 GPM	125 PSI	3	1
DEO443P.6	110	3/8"	8 GPM	125 PSI	3	1
DEO473P.3	24	3/8"	27 GPM	300 PSI	150	1
DEO473P.6	110	3/8"	27 GPM	300 PSI	150	1
DEO474P.3	24	1/2"	31 GPM	300 PSI	150	1
DEO474P.6	110	1/2"	31 GPM	300 PSI	150	1
DEO476P.3	24	3/4"	39 GPM	300 PSI	150	1
DEO476P.6	110	3/4"	39 GPM	300 PSI	150	1
DEO453P.3	24	3/8"	14 GPM	1000 PSI	1000	10
DEO453P.6	110	3/8"	14 GPM	1000 PSI	1000	10

Normally Closed Valves

Part No.	Volts	FPT Ports	Flow @ 60 PSI	Maximum Working Pressure	Pressure Differential Max. PSI Min. PSI	
DE401P.3	24	1/4"	2 GPM	150 PSI	150	0
DE401P.6	110	1/4"	2 GPM	150 PSI	150	0
DEA413P.3	24	3/8"	15 GPM	400 PSI	150	3
DEA413P.6	110	3/8"	15 GPM	400 PSI	150	3
DEA414P.3	24	1/2"	24 GPM	400 PSI	150	3
DEA414P.6	110	1/2"	24 GPM	400 PSI	150	3
DEA416P.3	24	3/4"	39 GPM	400 PSI	150	3
DEA416P.6	110	3/4"	39 GPM	400 PSI	150	3
DEA418P.3	24	1"	62 GPM	400 PSI	150	3
DEA418P.6	110	1"	62 GPM	400 PSI	150	3
DERK401	Repair Kit, 401 Valves					
DERK413	Repair Kit, 413 Valves					
DERK414V	Repair Kit, 414 Valves					
DERK416V	Repair Kit, 416 Valves					
DERK418	Repair Kit, 418 Valves					

Solenoid Valves

Stainless Steel Solenoids



Diaphragm Operated, Stainless Steel Solenoids. Normally-Closed valves feature corrosion-resistant, stainless steel bodies. 24-Volt Models features spade style coils. 110-Volt models have coils with 12" lead wires. Sizes from 3/8" to 1" FPT ports offer a wide range of flow rates. Maximum operating pressure is **150 PSI**. Buna diaphragms are standard on 476/478, EPDM on 463/464. 12 Volt and 240 coils are also available.



High Pressure Normally Closed



450 Series High Pressure: These piston style solenoid valves have a maximum working pressure of 1500 PSI. Minimum pressure differential 10 PSI. Maximum pressure differential 1200 PSI. Brass body construction. Standard with molded waterproof coil and electrical junction box. Valves are rated for 200°F fluid and 120°F ambient temperatures. Valves can be mounted in any position. Buna seal. Not for use with Hazardous or Corrosive fluids.



Part No.	Volts	FPT Ports	Flow @ 60 PSI	Pressure Differential	
				Max. PSI	Min. PSI
DE463PS.3	24	3/8"	15 GPM	125	0
DE464PS.3	24	1/2"	15 GPM	125	0
DE476PS.3	24	3/4"	38 GPM	125	0
DE478PS.3	24	1"	100 GPM	125	0
DE463PS.6	110	3/8"	15 GPM	125	0
DE464PS.6	110	1/2"	15 GPM	125	0
DE476PS.6	110	3/4"	38 GPM	125	0
DE478PS.6	110	1"	100 GPM	125	0

ITT-General Control Solenoids



General Purpose Solenoid Valves for on-off control of water, chemicals, air, oil, and gas. Available with brass or stainless steel bodies. Standard with Buna-N seals. Exclusive stainless steel seat insert reduces wear and delivers longer life in brass bodied valves.

Operational design is Piloted Diaphragm. Available in either normally closed or normally open options. All valves are standard with 24" lead wires.

- 2-Way
- High Pressure
- Piloted Piston Operation
- Stainless Bodies
- Teflon Seat
- Normally Closed
- Conduit Coils

High Pressure 40 Series



Part No.	Valve Type	Volts	FPT Ports	Flow @ 60 PSI
GCS401-24	Norm Closed SS	24	3/8"	14 GPM
GCS401-110	Norm Closed SS	110	3/8"	14 GPM
GCS408-24	Norm Closed SS	24	1/2"	32 GPM
GCS408-110	Norm Closed SS	110	1/2"	32 GPM
GCS901-24	Norm Closed SS	24	3/4"	54 GPM
GCS901-110	Norm Closed SS	110	3/4"	54 GPM
GCS902-24	Norm Closed SS	24	1"	85 GPM
GCS902-110	Norm Closed SS	110	1"	85 GPM

Part No.	AC-Volts	FPT Ports	Flow @ 60 PSI
DE453P.3	24	3/8"	14 GPM
DE453P.6	110	3/8"	14 GPM
DE453PS.6	110	3/8"	14 GPM
DE453PS.3	24	3/8"	14 GPM
DE454P.3	24	1/2"	29 GPM
DE454P.6	110	1/2"	29 GPM
DE458P.3	24	1"	86 GPM
DE458P.6	110	1"	86 GPM
DE458PS.6	110	1"	86 GPM
DE458PS.3	24	1"	86 GPM
DERK453	Repair Kit for 453 Series		
DERK454	Repair Kit for 454 Series		
DERK458	Repair Kit for 458 Series		

*PS models have stainless steel piston

Solenoid/Strainer Valves



Diaphragm Operated Solenoid/Strainer Combo Units. 442P & 443P are brass construction, P442 & P443 are celcon plastic construction. Used for controlling the flow of water, air, oil and various other (except hazardous) chemicals.

Features: Standard with molded waterproof coil. Mount in any position except with the coil under the valve. Electrical junction box. Stainless steel seat. EPDM seal. Pilot operation which is direct acting.

Temp: 200°F

Pipe Size: 1/4"-3/8" FPT

MOPD: Max 125 PSI Min 3 PSI



Part No.	Body	Volts	FPT Ports	Flow @ 60 PSI	Max. PSI	Min. PSI
DE442P.3	Brass	24	1/4"	7.75 GPM	125	3
DE442P.6	Brass	110	1/4"	7.75 GPM	125	3
DE443P.3	Brass	24	3/8"	7.75 GPM	125	3
DE443P.6	Brass	110	3/8"	7.75 GPM	125	3
DEP442.3	Celcon	24	1/4"	7.75 GPM	125	3
DEP442.6	Celcon	110	1/4"	7.75 GPM	125	3
DEP443.3	Celcon	24	3/8"	7.75 GPM	125	3
DEP443.6	Celcon	110	3/8"	7.75 GPM	125	3
DE4195.3	24 Volt Replacement Coil ONLY					
DE4195.6	110 Volt Replacement Coil ONLY					

Solenoid Valves

ITT-General Control Solenoids



General Purpose Solenoid Valves for on-off control of water, chemicals, air, oil, and gas. Available with brass or stainless steel bodies. Standard with Buna-N seals. Exclusive stainless steel seat insert reduces wear and delivers longer life in brass bodied valves.

Operational design is Piloted Diaphragm. Available in either normally closed or normally open options. All valves are standard with 24" lead wires.

S20 Series Solenoid Valves

- 2-Way Operation
- Piloted Diaphragm Design
- Normally Closed & Normally Open
- Zero to 200 PSI OPD
- Temp: 180°F



Part No.	Material	Valve Type	FPT Ports	AC Volts	Max PSI	Min PSI
GCS201-24	Brass	Norm Closed	3/8"	24	140	0
GCS201-10	Brass	Norm Closed	3/8"	110	140	0
GCS203-24	Brass	Norm Closed	1/2"	24	140	0
GCS203-10	Brass	Norm Closed	1/2"	110	140	0
GCS207-24	Brass	Norm Closed	3/4"	24	150	5
GCS207-10	Brass	Norm Closed	3/4"	110	150	5
GCS210-24	Brass	Norm Closed	1"	24	150	5
GCS210-10	Brass	Norm Closed	1"	110	150	5
GCS211-24	Stainless	Norm Closed	3/4"	24	150	0
GCS211-10	Stainless	Norm Closed	3/4"	110	150	0
GCS212-24	Stainless	Norm Closed	1"	24	150	5
GCS212-10	Stainless	Norm Closed	1"	110	150	5
GCS230-24	Brass	Norm Closed	1-1/4"	24	150	5
GCS230-10	Brass	Norm Closed	1-1/4"	110	150	5
GCS250-24	Brass	Norm Closed	1-1/2"	24	150	5
GCS250-10	Brass	Norm Closed	1-1/2"	110	150	5
GCS270-24	Brass	Norm Closed	2"	24	150	5
GCS270-10	Brass	Norm Closed	2"	110	150	5
GCCS3-110	Replacement Conduit Coil, 110 Volt					
GCCS3-24	Replacement Conduit Coil, 24 Volt					
GCCS4-110	Replacement Conduit Coil, 110 Volt					
GCCS4-24	Replacement Conduit Coil, 24 Volt					

KIP Stainless Solenoids



Stainless steel KIP Solenoids are ideal for soap, wax, tire cleaner or pre-soak systems.

Standard Features Include:

- Stainless steel bodies and internal parts
- Viton® upper seal & BUNA lower seal
- 24 volt or 110 volt AC coils
- MOPD: 150 PSI
- Ports are either 1/4" or 1/8" FPT
- Standard valves are 2-Way, normally closed



Part No.	Material	Valve Type	AC Volts	Max PSI	Min PSI
KI359015	Stainless	Norm Closed	24	150	0
KI359015-10	Stainless	Norm Closed	110	150	0



Stainless Solenoids

24 Volt valves feature spade mount coils for ease in wiring. 110 Volt valves are standard with 12" lead wires for added safety. Direct acting valves with Buna seals. Pressure differential is 0-150 PSI. Standard valves are 2-way normally closed.



Part No.	Voltage	Ports	Flow @ 60 PSI
DE492S.8.3	24	1/4" FPT	2 GPM
DE492S.8.6	110	1/4" FPT	2 GPM

Flow Switches

ST-5 Flow Switch (brass housing, high flow)

Mounts further downstream in pumping system than traditional vacuum switches, thereby minimizing potential leak points that can cause vacuum switches to close.

Part No.	Pressure	Temp.	Flow Rate	Inlet	Outlet	Weight
ST-200005711	75 PSI min 3046 PSI max	176°F	4 GPM min 16 GPM max	1/2" FPT	1/2" FPT	.98 lb



SUTTNER

ST-5 Flow Switch (brass housing, 4380 PSI)

Mounts further downstream in pumping system than traditional vacuum switches, thereby minimizing potential leak points that can cause vacuum switches to close.

Part No.	Pressure	Temp.	Flow Rate	Inlet	Outlet	Weight
ST-200005542	75 PSI min 4380 PSI max	176°F	1.0 GPM min 8.0 GPM max	3/8" FPT	3/8" FPT	.98 lb



SUTTNER

MV60 Flow Switch

The MV60 mounts both vertically or horizontally.

Part No.	Pressure	Temp.	Flow Rate	Inlet	Outlet
89330060	5660 PSI max	180°F	10 GPM	3/8" FPT	3/8" FPT



K'ARCHER

ST-6 Flow Switch

The ST-6 mounts both vertically or horizontally.

Part No.	Pressure	Temp.	Flow Rate	Inlet	Outlet
87576680	75-5075 PSI	176°F	1-8 GPM	3/8" MPT	3/8" MPT



K'ARCHER

Float Valves

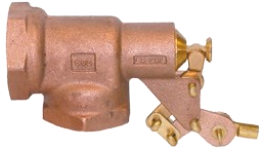
BOB® Brass Float Valves

R400 Series Brass Valves feature MPT inlet x MPT outlet. Designed for use with R450 float rods. Buna seals are standard Rated to 125 PSI on 1/2" and 100 PSI on 1".

RC800 CASA Series Brass Valves have MPT inlet x open flow discharge. This series is designed to open and close slower than the 400 Series which reduces water hammer issues. Float rates are also higher. Designed for R450 float rods. Viton® seals are standard. Rate to 102 PSI on 1/2" and 100 PSI on 3/4" and 1".

R600 Series Brass Valves have 1-1/2" FPT inlet and outlet ports. Designed for R450 float rods and PF8-1 poly float. R440-8 copper float can be used if R434-0 adapter is also ordered. Buna seals are standard. Rated to 125 PSI.

R610 Brass Valve is 2" FPT inlet x open flow. Special design can only be used with the 455-12 float rod and PF8 or R440-8 copper float ball and R209-3/8x1/8 adapter. Buna seals are standard Rate to 115 PSI.



R600 (FPT Discharge)



R400 (MPT Discharge)

Brass Valves

Product No.	Inlet	Outlet	Flow @ 35 PSI	Minimum Float Size
RBR400-1/2	1/2" MPT	1/2" MPT	12 GPM	4"
RBR400-3/4	3/4" MPT	3/4" MPT	21 GPM	5"
RBR400-1	1" MPT	1" MPT	43 GPM	6"
RBRC810-1/2	1/2" MPT	Open	14 GPM	4"
RBRC810-3/4	3/4" MPT	Open	27 GPM	5"
RBR810-1	1" MPT	Open	80 GPM	6"
RBR600-1-1/2	1-1/2" FPT	1-1/2" FPT	82 GPM	8"
RBR610-2	2" FPT	Open	112 GPM	8"

Brass Valves Accessories

Product No.	Description
RBR450-6	6" Brass Float Rod for R400/R600/R800
RBR450-8	8" Brass Float Rod for R400/R600/R800
RBR450-10	10" Brass Float Rod for R400/R600/R800
RBR455-12	12" Brass Float Rod for R610-2
RBPF21-1	4" Poly Float for 1/2" Valves
GN2P009	4" Copper Float for 1/2" Valves
RBPF5	5" Poly Float for 3/4" Valves
RBR440-5	5" Copper Float for 3/4" Valves
RBPF6	6" Poly Float for 1" Valves
RBR440-6	6" Copper Float for 1" Valves
RBPF8-1	8" Poly Float for R600-1-1/2 Valve

Brass Valves Replacement Parts

Product No.	Description
RBKB110	Cup & Disk Kit, R400-1/2
RBKB120	Cup & Disk Kit, R400-3/4
RBKB130	Cup & Disk Kit, R400-1
RBKB133	Cup & Disk Kit, RC810-1/2
RBKB136	Cup & Disk Kit, RC810-3/4
RBKB139	Cup & Disk Kit, R810-1
RBKB140	Cup & Disk Kit, R600
RBKB150	Cup & Disk Kit, R610-2
RBKB210	Complete Plunger Kit, R400-1/2
RBKB220	Complete Plunger Kit, R400-3/4
RBKB230	Complete Plunger Kit, R400-1
RBKB233	Complete Plunger Kit, RC810-1/2
RBKB236	Complete Plunger Kit, RC810-3/4
RBKB239	Complete Plunger Kit, R810-1
RBKB240	Complete Plunger Kit, R600
RBKB250	Complete Plunger Kit, R610-2
RBKB300	Replacement Arm Kit, R400 Series



HydroMinder Float Valves

Hydro Float Valves for automatic water level control. Corrosion resistant components for maximum life.

502 & 503 valves are rated to 6.8 GPM at 40 psi. Model 503 does not come with mounting bracket or inlet valve and is used for in-tank mounting.

572 & 573 are rate to 44 GPM at 40 psi. Inlet is 1" FPT. Model 573 does not come with mounting bracket and is used for in-tank mounting.

Product No.	FPT Inlet	Weight Lbs.
HR502	3/8"	5
HR503	3/8"	4
HR572	1"	6
HR573	1"	5



Float Valves

High Capacity Float Valves for Maintaining Liquid Level in Tanks, Drums, or Similar Reservoirs.

- Adjustable for Desired Levels
- Plastic Bodies
- Stainless Steel Lever Parts
- Buna-N Rubber Parts
- Polyethylene Float Standard

DEMA® High Capacity Float Valves are designed to maintain a liquid level in a tank or similar reservoir. Valves are pilot operated diaphragm type, and are adjustable for desired liquid levels.

Plastic bodies, Stainless Steel lever parts, Buna-N rubber seats, seals, and diaphragms. Polyethylene float is standard. Polypropylene float is available for high-temperature duty.



Product No.	Inlet	Outlet	Capacity - GPM				
			1 PSI	2 PSI	5 PSI	10 PSI	20 PSI
436N	3/4" FPT	3/4" FPT	5.4	11	20	28	40



Brass Float Valves

Brass 1/2" Float Valve with plastic float. Maximum flow: 4.5 GPM, Maximum temperature: 175°F. Float rod is 6.5" long. Inlet port is 1/2" FPT.

Product No.	Description
NPST8	Float Valve with Float
NPRKST8	Repair Kit
NP0300	Replacement Float



Ball Valves

Brass & Bronze Valves

V200 series Cast Brass Valves are general service valves. Ball valves feature chrome plated balls with Teflon seats, adjustable packing glands and blowout-proof stems. V205 gate valves have fully opening wedge discs and non-rising stems. V300 series valves are rated for use with natural gas up to 125 psi and feature a wider working temperature range.

Product No.	Pipe Size
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V201... Standard Brass Ball Valve

600 PSI water, oil, gas. 150 PSI steam. Sizes 1/2" to 2" are CSA approved under classes 3371-92, 3371-12, 3371-88, and 3371-08

V201-025	1/4"
V201-038	3/8"
V201-050	1/2"
V201-075	3/4"
V201-100	1"
V201-125	1-1/4"
V201-150	1-1/2"
V201-200	2"
V201-300	3"



Product No.	Pipe Size
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V202L... Brass Ball Valve with Locking Handle

600 PSI water, oil, gas. 150 PSI steam. Sizes 1/2" to 2" are CAS approved under classes 3371-92, 3371-12, 3371-88, and 3371-08 for

V202L-025	1/4"
V202L-038	3/8"
V202L-050	1/2"
V202L-075	3/4"
V202L-100	1"
V202L-125	1-1/4"
V202L-150	1-1/2"
V202L-200	2"



Product No.	Pipe Size
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V202... Full Port Brass Ball Valve

600 PSI water, oil, gas. 150 PSI steam. Sizes 1/2" to 2" are CSA approved under classes 3371-92, 3371-12, 3371-88, and 3371-08 for 1/2" PSI natural gas. Temperature Range -20°C (-4°F) to 110°C (230°F).

V202-025	1/4"
V202-038	3/8"
V202-050	1/2"
V202-075	3/4"
V202-100	1"
V202-125	1-1/4"
V202-150	1-1/2"
V202-200	2"
V202-300	3"



Product No.	Pipe Size
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V202LB... Brass Ball Valve with Locking Handle & Bleed

600 PSI air. V202LB valves have locking handles and a special port that vents the downstream side of the system when the valve is closed. This provides extra safety in air systems. Temperature Range -20°C (-4°F) to 110°C (230°F).

V202LB-025	1/4"
V202LB-038	3/8"
V202LB-050	1/2"
V202LB-075	3/4"
V202LB-100	1"
V202LB-125	1-1/4"
V202LB-150	1-1/2"
V202LB-200	2"



Product No.	Pipe Size
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V202H... Replacement Handles

V202H-038	1/4" to 3/8"
V202H-050	1/2"
V202H-075	3/4"
V202H-100	1"
V202H-125	1-1/4"
V202H-200	1-1/2" to 2"
V202H-300	2-1/2" to 3"



Product No.	Pipe Size
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V302W... Natural Gas Brass Ball Valve with Wing Handle

V302W-025	1/4"
V302W-038	3/8"
V302W-050	1/2"
V302W-075	3/4"
V302W-100	1"
V302W-125	1-1/4"
V302W-150	1-1/2"
V302W-200	2"



Product No.	Pipe Size
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V302... Natural Gas Full Port Brass Ball Valve

600 PSI water, oil, gas. 150 PSI steam. Sizes 1/2" to 2" of V302, V302L & V302W are CSA approved for 125 PSI natural gas, and meet CGA-CR91-002 (2-5 PSI) and CGA-3.16 (125 PSI) Temperature Range

V302-025	1/4"
V302-038	3/8"
V302-050	1/2"
V302-075	3/4"
V302-100	1"
V302-125	1-1/4"
V302-150	1-1/2"
V302-200	2"
V302-300	3"



Ball Valves

Brass & Bronze Valves

Our Two-Position Ball Valves feature an L-pattern flow. Also known as a three-way valve or diverter valve, they can direct flow either to the left or to the right with a 90° turn of the handle.

Product No.	Pipe Size
V203... Two Position Brass Ball Valve	
400 PSI water, oil, gas. 150 PSI steam. Flow can be directed from center port to either side port.	
V203-025	1/4"
V203-038	3/8"
V203-050	1/2"
V203-075	3/4"
V203-100	1"
V203-125	1-1/4"
V203-150	1-1/2"
V203-200	2"



Product No.	Pipe Size
V205... Brass Gate Valve	
200 PSI water, oil, gas. 125 PSI steam. Temperature Range -20°C (-4°F) to 120°C (248°F)	
V205-025	1/4"
V205-038	3/8"
V205-050	1/2"
V205-075	3/4"
V205-100	1"
V205-125	1-1/4"
V205-150	1-1/2"
V205-200	2"
V205-250	2-1/2"
V205-300	3"



Product No.	Pipe Size
V207... Brass Swing Check Valve	
200 PSI water, oil, gas. 125 PSI steam.	
V207-038	3/8"
V207-050	1/2"
V207-075	3/4"
V207-100	1"
V207-125	1-1/4"
V207-150	1-1/2"
V207-200	2"
V207-300	3"



Product No.	Pipe Size
V208... Spring Loaded Check Valve	
Rated to 200 PSI water, oil, gas with a 5 PSI cracking pressure in 1/4" and a 2 PSI cracking pressure in all other sizes. Not for steam use. Temperature Range -20°C (-4°F) to 100°C (212°F).	
V208-025	1/4"
V208-038	3/8"
V208-050	1/2"
V208-075	3/4"
V208-100	1"
V208-125	1-1/4"
V208-150	1-1/2"
V208-200	2"



Product No.	Pipe Size
V307... Bronze Swing Check Valve	
200 PSI water, oil, gas. 125 PSI steam.	
V307-038	3/8"
V307-050	1/2"
V307-075	3/4"
V307-100	1"
V307-125	1-1/4"
V307-150	1-1/2"
V307-200	2"
V307-250	2-1/2"
V307-300	3"



Product No.	Pipe Size
V306... Bronze Globe Valve	
200 PSI water, oil, gas. 125 PSI steam.	
V306-025	1/4"
V306-038	3/8"
V306-050	1/2"
V306-075	3/4"
V306-100	1"
V306-125	1-1/4"
V306-150	1-1/2"
V306-200	2"



Product No.	Pipe Size
V201PVC... PVC Ball Valve	
V201PVC valves are suitable for cold water distribution in light industrial and agricultural applications. They have Teflon and EPDM rub-	
V201PVC-050	1/2"
V201PVC-075	3/4"
V201PVC-100	1"
V201PVC-125	1-1/4"
V201PVC-150	1-1/2"
V201PVC-200	2"
V201PVC-300	3"
V201PVC-400	4"



Ball Valves

Stainless & Carbon Steel Valves

V400 series valves feature blowout-proof stems and lockable handles. The bodies and balls are investment cast type 316 stainless steel, and the handles and stems are type 304. Seals are Teflon, reinforced with glass fiber.

Product No.	Pipe Size
V401... Stainless Steel Ball Valve	
1000 PSI water, oil, gas up to 1", 800 PSI water, oil, gas 1-1/4" to 2", 150PSI steam. Temperature Range -28°C (-20°F) to 232°C (450°F).	
V401-025	1/4"
V401-038	3/8"
V401-050	1/2"
V401-075	3/4"
V401-100	1"
V401-125	1-1/4"
V401-150	1-1/2"
V401-200	2"



Product No.	Pipe Size
V402... Full Port Stainless Ball Valve	
Two piece body with mounting pad, 2000 PSI water, oil, gas to 1", 1500 PSI 1-1/4" to 2". 150 PSI steam, Temperature Range -28°C (-	
V402-025	1/4"
V402-038	3/8"
V402-050	1/2"
V402-075	3/4"
V402-100	1"
V402-125	1-1/4"
V402-150	1-1/2"
V402-200	2"



Product No.	Pipe Size
V412... 1000 PSI Full Port Stainless Ball Valve	
Two piece body, 1000 PSI water, oil, gas to 2", 150 PSI steam, Temperature Range -28°C (-20°F) to 232°C (450°F).	
V412-025	1/4"
V412-038	3/8"
V412-050	1/2"
V412-075	3/4"
V412-100	1"
V412-125	1-1/4"
V412-150	1-1/2"
V412-200	2"
V412-300	3"



Product No.	Pipe Size
V601... Carbon Steel Ball Valve	
2000 PSI water, oil, gas. 3000 PSI in 3/8" size, 150 PSI steam, 3/8" size is now plated for extra corrosion resistance, reduced port, one piece carbon steel body, Type 304 Stainless Steel ball & trim, Type 316 stainless steel blow-out proof stem, PTFE Teflon seats & seals. NPTF female threads, Temperature Range -28°C (-20°F) to 232°C (450°F).	
V601-025	1/4"
V601-038	3/8"
V601-050	1/2"
V601-075	3/4"
V601-100	1"
V601-125	1-1/4"
V601-150	1-1/2"
V601-200	2"



High Pressure Ball Valves 2-Way

Pressure rating up to 10,000 PSI (690 bar) at 70°F(21°C). Temperature rating from -22°F to 265°F(-30°C to 130°C) with PVDF seat or from -65°F to 500°F (-54°C to 260°C) with PEEK seat. Small and compact design. Materials available in 316 stainless steel. 100% factory tested.



Hy-Lock Fittings



Female NPT

Product No.	Orifice (mm)	Inlet Size	Outlet Size
H1B-H-4T-S316	10.0	1/4" Hy-Lok	1/4" Hy-Lok
H1B-H-6T-S316	10.0	3/8" Hy-Lok	3/8" Hy-Lok
H1B-H-8T-S316	10.0	1/2" Hy-Lok	1/2" Hy-Lok
H1B-F-4N-S316	10.0	1/4" (F NPT)	1/4" (F NPT)
H1B-F-6N-S316	10.0	3/8" (F NPT)	3/8" (F NPT)
H1B-F-8N-S316	10.0	1/2" (F NPT)	1/2" (F NPT)
H1B-M-4N-S316	10.0	1/4" (M NPT)	1/4" (M NPT)
H1B-M-6N-S316	10.0	3/8" (M NPT)	3/8" (M NPT)
H1B-M-8N-S316	10.0	1/2" (M NPT)	1/2" (M NPT)
H2B-F-8N-S316	12.70	1/2" (F NPT)	1/2" (F NPT)
H2B-F-12N-S316	12.70	3/4" (F NPT)	3/4" (F NPT)
H2B-M-12N-S316	12.70	3/4" (M NPT)	3/4" (M NPT)
H2B-H-10T-S316	12.70	5/8" Hy-Lok	5/8" Hy-Lok
H2B-H-12T-S316	12.70	3/4" Hy-Lok	3/4" Hy-Lok
H3B-F-12N-S316	19.00	3/4" (F NPT)	3/4" (F NPT)
H3B-F-16N-S316	19.00	1" (F NPT)	1" (F NPT)
H3B-H-12T-S316	19.00	3/4" Hy-Lok	3/4" Hy-Lok
H3B-H-16T-S316	19.00	1" Hy-Lok	1" Hy-Lok
H3B-M-12N-S316	19.00	3/4" (M NPT)	3/4" (M NPT)
H3B-M-16N-S316	19.00	1" (M NPT)	1" (M NPT)

Bolt Clamps

Where most T-Bolt clamps feature a plated steel fastener, ours is all stainless. This makes KODIAK® ideal for many marine clamping applications, especially where gear clamps do not provide adequate holding or tightening strength.

The G94 bolt clamp is constructed completely of 304 stainless steel. It is ideal for a variety of applications including hydraulic suction lines, truck and bus radiator hoses, and water suction and discharge service.

G92... Heavy Duty Bolt Clamps



Product No.	Minimum Size	Maximum Size
G89-022	1.38"	1.52"
G89-024	1.50"	1.64"
G89-026	1.63"	1.88"
G89-028	1.75"	2.00"
G89-030	1.88"	2.13"
G89-032	2.00"	2.25"
G89-034	2.13"	2.38"
G89-036	2.25"	2.56"
G89-038	2.38"	2.69"
G89-040	2.50"	2.81"
G89-042	2.63"	2.94"
G89-044	2.75"	3.06"
G89-046	2.88"	3.19"
G89-049	3.06"	3.38"
G89-052	3.25"	3.56"
G89-054	3.38"	3.69"
G89-057	3.56"	3.88"
G89-061	3.81"	4.13"
G89-065	4.06"	4.38"
G89-069	4.31"	4.63"
G89-073	4.56"	4.88"
G89-077	4.81"	5.13"
G89-081	5.06"	5.38"
G89-085	5.31"	5.63"
G89-089	5.56"	5.88"
G89-096	6.00"	6.31"
G89-100	6.25"	6.56"
G89-104	6.50"	6.81"
G89-108	6.75"	7.06"
G89-116	7.25"	7.56"
G89-124	7.75"	8.06"
G89-132	8.25"	8.56"
G89-135	8.44"	8.75"
G89-148	9.25"	9.56"
G89-164	10.25"	10.56"

G94... Type 304 All Stainless Bolt Clamps



Product No.	Minimum Size	Maximum Size	Band Width
G94-1719	0.67"	0.75"	0.708"
G94-1921	0.75"	0.83"	0.708"
G94-2123	0.83"	0.91"	0.708"
G94-2325	0.91"	0.98"	0.708"
G94-2527	0.98"	1.06"	0.708"
G94-2729	1.06"	1.14"	0.708"
G94-2931	1.14"	1.22"	0.787"
G94-3134	1.22"	1.34"	0.787"
G94-3437	1.34"	1.46"	0.787"
G94-3740	1.46"	1.57"	0.787"
G94-4043	1.57"	1.69"	0.787"
G94-4347	1.69"	1.85"	0.787"
G94-4751	1.85"	2.01"	0.787"
G94-5155	2.01"	2.17"	0.787"
G94-5559	2.17"	2.32"	0.787"
G94-5963	2.32"	2.48"	0.787"
G94-6368	2.48"	2.68"	0.787"
G94-6873	2.68"	2.87"	0.984"
G94-7379	2.87"	3.11"	0.984"
G94-7985	3.11"	3.35"	0.984"
G94-8591	3.35"	3.58"	0.984"
G94-9197	3.58"	3.82"	0.984"
G94-97104	3.82"	4.09"	0.984"
G94-104112	4.09"	4.41"	0.984"
G94-112121	4.41"	4.76"	0.984"
G94-121130	4.76"	5.12"	0.984"

Feed Line Equipment



Feed Line Equipment

Tired of rusting feed line parts? These stainless steel adapters will give you longer life and a stronger frame. Call us today to ask about them.

Product No.	Description
1.200.FD.01	Box, Feed Control With Door, Stainless Steel
HS559SS	Adapter for Extension, Stainless Steel
HS520SS	Boot Body m75 Single Unloader Stainless Steel



HS520SS



HS559SS



1.200.FD.01

Nozzle Sizing Chart



Nozzle Size	250 PSI	500 PSI	600 PSI	700 PSI	800 PSI	1000 PSI	1200 PSI	1500 PSI	2000 PSI	2500 PSI	3000 PSI	3500 PSI	4000 PSI	5000 PSI
	GPM													
2.0	.50	.71	.77	.80	.89	1.00	1.10	1.20	1.40	1.60	1.70	1.90	2.00	2.23
2.5	.63	.88	.97	1.05	1.12	1.25	1.37	1.53	1.77	1.98	2.17	2.34	2.50	2.80
3.0	.75	1.05	1.19	1.25	1.34	1.50	1.60	1.85	2.10	2.35	2.60	2.85	3.00	3.35
3.5	.87	1.23	1.40	1.47	1.56	1.75	1.90	2.17	2.45	2.73	3.05	3.32	3.50	3.90
4.0	1.00	1.40	1.60	1.70	1.80	2.00	2.20	2.50	2.80	3.10	3.50	3.80	4.00	4.50
4.5	1.10	1.50	1.70	1.90	2.00	2.20	2.40	2.80	3.00	3.60	3.90	4.30	4.50	5.03
5.0	1.30	1.80	1.90	2.10	2.20	2.50	2.80	3.10	3.80	4.00	4.40	4.70	5.00	5.60
5.5	1.40	1.90	2.10	2.30	2.50	2.80	3.00	3.40	3.90	4.40	4.80	5.20	5.50	6.20
6.0	1.50	2.10	2.30	2.50	2.70	3.00	3.20	3.70	4.20	4.80	5.20	5.60	6.00	6.70
6.5	1.70	2.30	2.50	2.70	2.90	3.30	3.60	4.00	4.60	5.20	5.70	6.00	6.50	7.30
7.0	1.80	2.50	2.70	2.90	3.10	3.50	3.80	4.30	5.00	5.60	6.10	6.60	7.00	7.80
7.5	1.90	2.70	2.90	3.20	3.40	3.80	4.10	4.60	5.30	6.00	6.50	7.00	7.50	8.40
8.0	2.00	2.80	3.10	3.40	3.60	4.00	4.40	5.00	5.60	6.20	7.00	7.50	8.00	8.90
8.5	2.20	3.00	3.30	3.60	3.80	4.30	4.60	5.30	6.00	6.70	7.40	8.00	8.50	9.50
9.0	2.30	3.20	3.50	3.80	4.00	4.50	5.00	5.50	6.40	7.10	7.80	8.50	9.00	10.10
9.5	2.40	3.40	3.70	4.00	4.30	4.80	5.20	5.80	6.80	7.60	8.30	9.00	9.50	10.60
10.0	2.50	3.50	3.90	4.20	4.50	5.00	5.40	6.10	7.00	8.00	8.70	9.40	10.00	11.20
12.0	3.00	4.20	4.60	5.00	5.40	6.00	6.40	7.30	8.40	9.50	10.40	11.20	12.00	13.40
15.0	3.80	5.30	5.80	6.40	6.80	7.50	8.20	9.20	10.60	12.00	12.90	14.00	15.00	16.80
20.0	5.00	7.10	7.80	8.40	9.00	10.00	10.80	12.20	14.20	16.00	17.40	18.80	20.00	22.40
30.0	7.50	10.60	11.60	12.80	13.60	15.00	16.40	18.40	21.20	24.00	26.00	28.00	30.00	33.50

Contact Us



Mailing Address:

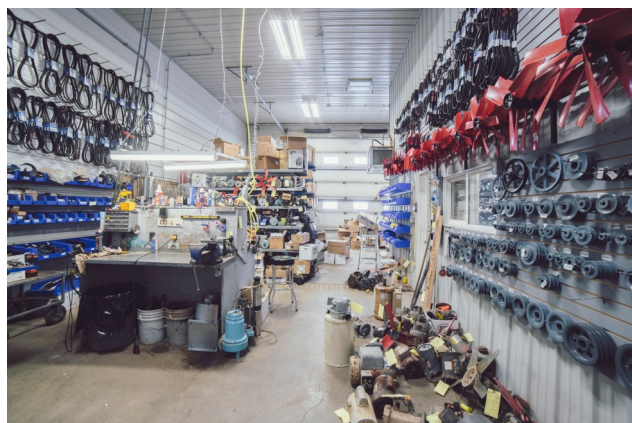
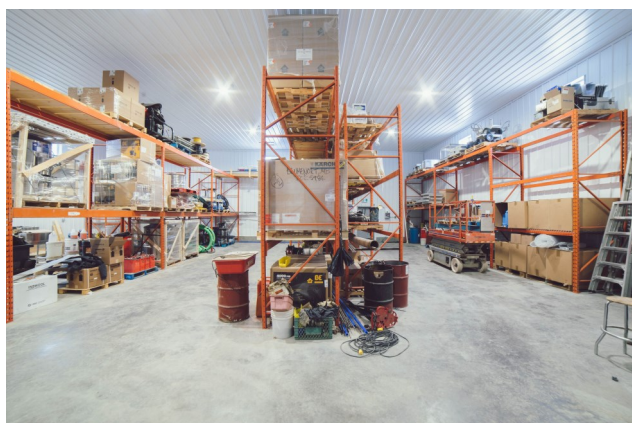
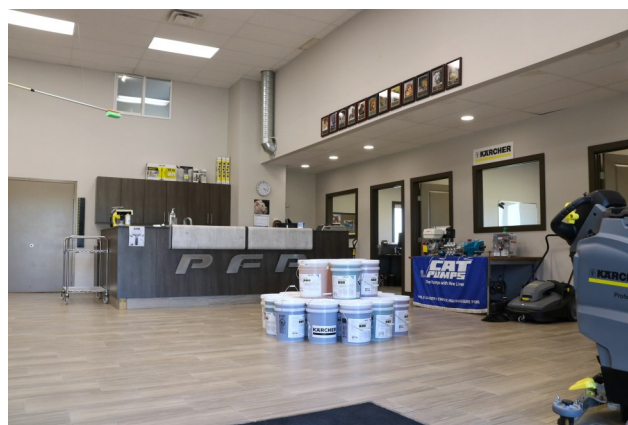
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