

2023 **SUPPLY** CATALOG



SECTION

1

VACUUM SYSTEMS

SECTION

2

MILK LINES, FITTINGS AND
STAINLESS STEEL TUBE

SECTION

3

MILKHOUSE

SECTION

4

RECEIVER GROUP /
VALVES

SECTION

5

MILK HARVEST

SECTION

6

SANITATION /
HYGIENE

SECTION

7

ANIMAL CARE

SECTION

8

EXPRESSO
AUTOMATION

SECTION

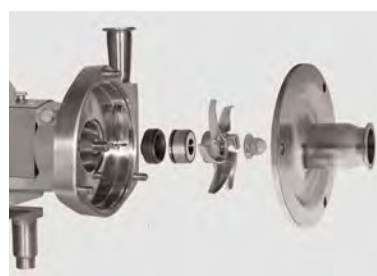
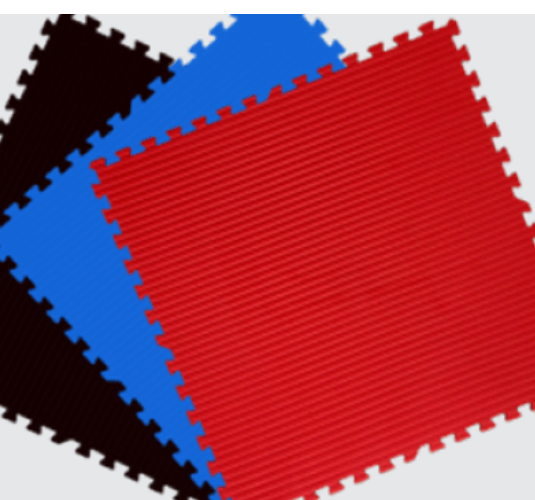
9

PARTS

SECTION

10

TEATWAND SUPPLY /
SPARE PARTS



PRODUCT

TABLE OF CONTENTS

VACUUM SYSTEMS

Complete inventory of parts/accessories to fit, improve or replace most manufacture's vacuum systems.

MILKLINES, FITTINGS AND STAINLESS STEEL TUBE

All sizes, shapes and specific fittings and parts to assemble or repair your system.

MILKHOUSE

Complete milkhouse parts, supplies, accessories, flooring and mat equipment.

RECEIVERS GROUP/VALVES

Receiver jars, moisture traps, automated and manual valves.

MILK HARVEST

Milking units, pulsation, automation and tubing.

SANITATION/HYGIENE

Chemical solutions, dispensers, towels and gloves.

ANIMAL CARE

Quality products for the care, feeding and well-being of the herd.

LEGACY EXPRESSO PARTS

Parts for legacy Espresso retrofit milking automation systems.

PARTS

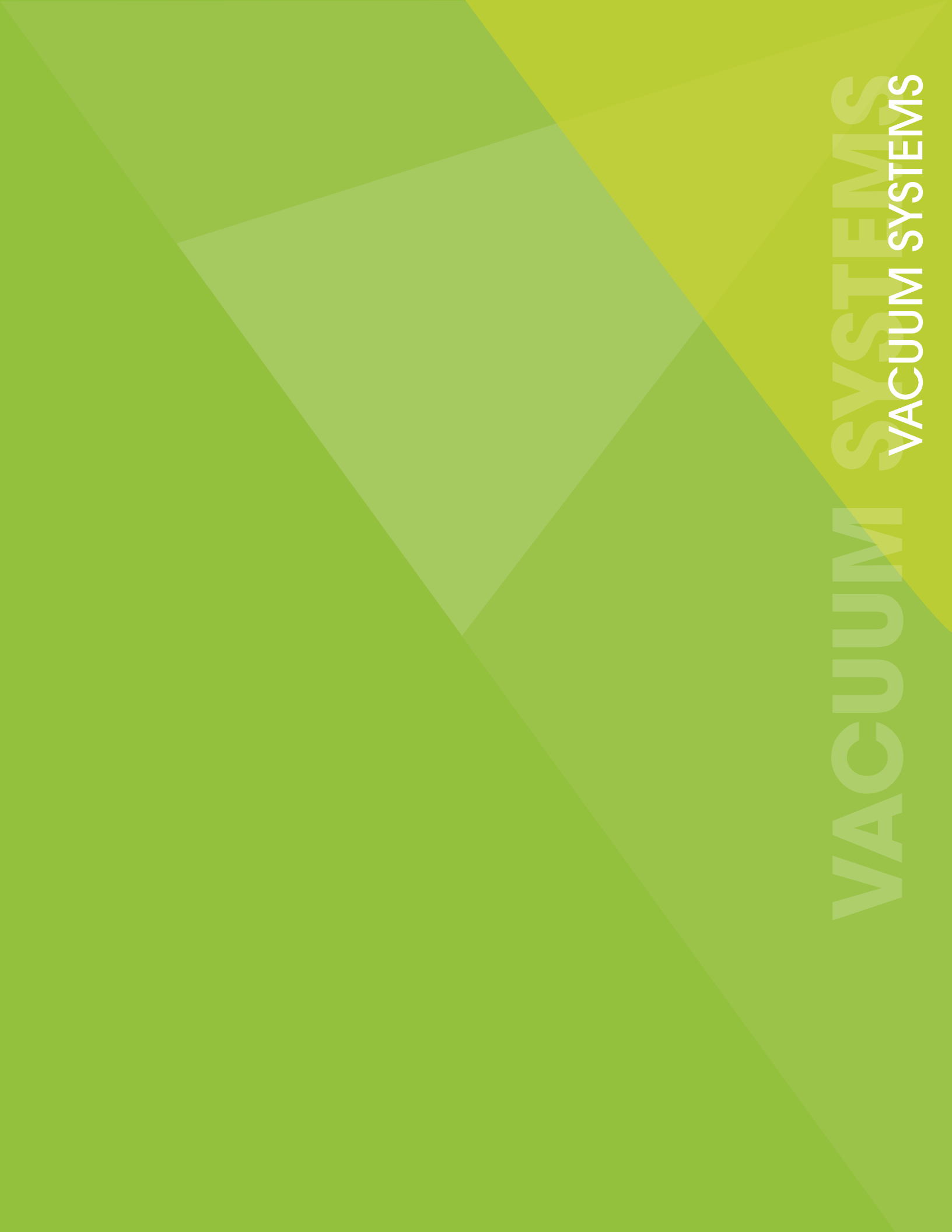
Product breakouts for specific replacement parts.

TEATWAND SUPPLY / SPARE PARTS

Specific products for OnFarm Teatwand products

NOTES

This image shows a single sheet of white paper with horizontal blue or grey ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.



VACUUM SYSTEMS

VACUUM SYSTEMS

VACUUM SYSTEMS

VACUUM SYSTEMS

Waikato Blower Pumps by Gardner Denver



Sutorbilt Pump Kits

Waikato blower pumps are manufactured by Gardner Denver. These are the Model R vacuum timed units designed especially for vacuum applications. Vacuum timed pumps will produce more CFM per horsepower and be more efficient than “off the shelf” blower pumps. As a result of this special timing these pumps should not be run backward. The pumps we stock exhaust out the top and provide vacuum into the bottom. When using configurations where exhausting downward is desired the mounting feet should be relocated to the opposite side of the pump.

These pump kits consist of pump, stand, pump pulley kit, baffled silencer, oil, and flush and vacuum tap kit. Items not included but also required are motor, motor pulley kit, pre-filter and check valve. All Waikato blower pump kits use the Dual Splash Lubricated (DSL) pumps.



81100146	PUMP KIT-3H VACUUM-VERTICAL STAND
81100073	PUMP KIT-4H VACUUM-VERTICAL STAND
81100074	PUMP KIT-4M VACUUM-VERTICAL STAND
81100075	PUMP KIT-5H VACUUM-VERTICAL STAND
81100076	PUMP KIT-5M VACUUM-VERTICAL STAND
81100077	PUMP KIT-6M VACUUM-VERTICAL STAND
81100078	PUMP KIT-4H VACUUM-HORIZONTAL STAND
81100079	PUMP KIT-4M VACUUM-HORIZONTAL STAND
81100080	PUMP KIT-5H VACUUM-HORIZONTAL STAND

Model	HP	CFM	RPM	Port Size	Pump Pulley	Pump Shaft Size	Motor Pulley	Motor Shaft Size	Belt Size Vert.	Belt Size Horiz.	Weight Pump Only
3H	5	55	2880	1.25"	5.0"	3/4"	8.0"	1-1/8"	B56	xxxx	88
4H	5	50	2230	1.5"	5.0"	7/8"	6.2"	1-1/8"	B64	B60	115
4H	7.5	70	2880	1.5"	5.0"	7/8"	8.0"	1-3/8"	B64	B64	115
4M	7.5	70	2000	2.5"	5.4"	7/8"	6.2"	1-3/8"	B62	B62	140
4M	10	100	2330	2.5"	5.4"	7/8"	7.0"	1-3/8"	B66	B64	140
5H	7.5	70	1570	2.5"	6.2"	1-1/8"	5.4"	1-3/8"	B64	B60	210
5H	10	100	2030	2.5"	6.2"	1-1/8"	7.0"	1-3/8"	B67	B64	210
5M	15	155	2115	4.0"	8.0"	1-1/8"	9.4"	1-5/8"	B73	xxxx	240
5M	20	200	2475	4.0"	8.0"	1-1/8"	11.0"	1-5/8"	B75	xxxx	240
6M	25	235	1800	5.0"	8.0"	1-3/8"	8.0"	1-7/8"	B70 (3)	xxxx	370
6M	30	295	2115	5.0"	8.0"	1-3/8"	9.4"	1-7/8"	B77 (3)	xxxx	370

VACUUM SYSTEMS

DSL Vacuum Pump-Replacement Head Only



HORIZONTAL PUMP HEAD ONLY*

81100130	PUMP-3H-R SERIES-HORZ-DUAL SPL
81100060	PUMP-4H-R SERIES-HORZ-DUAL SPL
81100061	PUMP-4M-R SERIES-HORZ-DUAL SPL
81100062	PUMP-5H-R SERIES-HORZ-DUAL SPL
81100063	PUMP-5M-R SERIES-HORZ-DUAL SPL
81100064	PUMP-6M-R SERIES-HORZ-DUAL SPL
81100152	PUMP-7M-R SERIES-HORZ-DUAL SPL



VERTICAL PUMP HEAD ONLY*

81100145	PUMP-3M-R SERIES-VERT-DUAL SPL
81100065	PUMP-4H-R SERIES-VERT-DUAL SPL
81100066	PUMP-5H-R SERIES-VERT-DUAL SPL
81100067	PUMP-5M-R SERIES-VERT-DUAL SPL

*Special Order Only

*Normally Stocked

*81150027 Oil - not included

Stands



81130003	STAND-VERT-HD-4H, 4M, 5H, 5M
81130012	STAND-VERT-HD-6M



81130016	STAND-VERT-MULTI-PURPOSE*
----------	---------------------------

*Multi-purpose stands fit Masport and most other brands of pumps.

NEW DESIGN - HD Belt Guard



81130005	STAND-HORZ-HD
----------	---------------



81130009	STAND-HORZ-MULTI-PURPOSE*
81130010	LEGS - HORIZONTAL STAND

*Multi-purpose stands fit Masport and most other brands of pumps.



Motor Pulley Kits



81120061	MOTOR PULLEY KIT-4H W/5HP-VERT
81120062	MOTOR PULLEY KIT-4H W/7.5HP-VERT
81120063	MOTOR PULLEY KIT-4M W/7.5HP-VERT
81120064	MOTOR PULLEY KIT-4M W/10HP-VERT
81120065	MOTOR PULLEY KIT-5H W/7.5HP-VERT
81120066	MOTOR PULLEY KIT-5H W/10HP-VERT
81120067	MOTOR PULLEY KIT-5M W/15HP-VERT
81120068	MOTOR PULLEY KIT-5M W/20HP-VERT
81120069	MOTOR PULLEY KIT-6M W/25HP-VERT
81120070	MOTOR PULLEY KIT-6M W/30HP-VERT

81120071	MOTOR PULLEY KIT-4H W/5HP-HORZ
81120072	MOTOR PULLEY KIT-4H W/7.5HP-HORZ
81120073	MOTOR PULLEY KIT-4M W/7.5HP-HORZ
81120074	MOTOR PULLEY KIT-4M W/10HP-HORZ
81120075	MOTOR PULLEY KIT-5H W/7.5HP-HORZ
81120076	MOTOR PULLEY KIT-5H W/10HP-HORZ

Pump Pulley Kits



81120077	PUMP PULLEY KIT-4H W/ 5/7.5HP
81120078	PUMP PULLEY KIT-4M W/ 7.5/10HP
81120079	PUMP PULLEY KIT-5H W/ 7.5/10HP
81120080	PUMP PULLEY KIT-5M W/ 15/20HP
81120081	PUMP PULLEY KIT-6M W/ 25/30HP

*Included in Blower Pump Kits

Flex Coupling



81160015	COUPLING ASSMB-2.5"-HIGH TEMP
81160016	COUPLING ASSMB-4"-HIGH TEMP

81160021	TUBE-RUBBER-2.5" FLEX
81160022	TUBE-RUBBER-4" FLEX

Pipe Fittings



GALVANIZED NPT NIPPLES

81160032	NIPPLE-1.25" NPT X 3" LNG-GALV
81160009	NIPPLE-1.5" NPT X 2" LNG-GALV
81160010	NIPPLE-1.5" NPT X 3.5" LNG-GALV
81160024	NIPPLE-2.5" NPT X 4" LNG-GALV
81160011	NIPPLE-2.5" NPT X 6" LNG-GALV
81160029	NIPPLE-3" NPT X 4" LNG-GALV
81160012	NIPPLE-4" NPT X 6" LNG-GALV
81160025	NIPPLE-5" NPT X 5" LNG-GALV

STAINLESS STEEL NPT NIPPLES

81160037	NIPPLE-1.5" NPT X 6" LNG-SS
81160036	NIPPLE-2" NPT X 6" LNG-SS
81160035	NIPPLE-2.5" NPT X 6" LNG-SS
81160038	NIPPLE-3" NPT X 6" LNG-SS
81160039	NIPPLE-4" NPT X 6" LNG-SS



81160013	BUSHING-2" X 1.5" NPT-HEX-GALV
81160014	BUSHING-3" X 2.5" NPT-HEX-GALV
81160030	ELBOW-1-1/2" X 90 NPT-GALV
81160017	ELBOW-2" X 90 NPT-GALV
81160018	ELBOW-2.5" X 90 NPT-GALV
81160019	ELBOW-3" X 90 NPT-GALV
81160020	ELBOW-4" X 90 NPT-GALV
81160026	ELBOW-5" X 90 NPT-GALV
81160033	REDUCER-1.5" X 1.25" NPT-GALV
81160023	REDUCER-2.5" X 1.5" NPT-GALV
81160028	UNION-2"NPT



Silencers



81160008	SILENCER - 1.5" NPT - BAFFLED
81160007	SILENCER - 2" NPT - BAFFLED
81160000	SILENCER - 2.5" NPT - BAFFLED
81160002	SILENCER - 3" NPT - BAFFLED
81160003	SILENCER - 4" NPT - BAFFLED
81160006	SILENCER - 5" NPT - BAFFLED
81160027	SILENCER - 5" FLANGED - BAFFLED
81160042	SILENCER - 5" FLANGED - SU5-5
81160043	SILENCER - 5" FLANGED - SU5-5 HZ
81160044	SILENCER - 5" FLANGED - SDY-5
81160031	SILENCER - 6" FLANGED - BAFFLED
81160034	SILENCER - 6" FLANGED - SU5-6



81160001	SILENCER - 2.5" NPT - PACKED
81160004	SILENCER - 4" NPT - PACKED
81160005	SILENCER - 5" FLANGED

Rubber Couplings



81210040	COUPLING - RUBBER 3" PIPE X 4" - SS
----------	--



81210048	COUPLING - RUBBER - 2" PIPE
81210037	COUPLING - RUBBER - 3" PIPE
81210038	COUPLING - RUBBER - 4" PIPE
81210047	COUPLING - RUBBER - 5" PIPE
81210046	COUPLING - RUBBER - 6" PIPE

VACUUM SYSTEMS

Masport Pump Kits



Masport has been one of the most respected names in the dairy industry. Dairymen around the world have come to rely on the durability and efficiency of Masport vacuum pumps. Don't settle for unproven design. Insist upon genuine Masport pumps and Masport repair parts.

PUMP ONLY:

81100059	PUMP-VACUUM-M2 MASPORT
81100008	PUMP-VACUUM-M3 MASPORT
81100009	PUMP-VACUUM-M4 MASPORT
81100011	PUMP-VACUUM-M7.5-MASPORT

Replacement parts available, see Section 9.



Vertical Kits include: pump, stand, oil reclaimer, belts, pulleys and bushings. Also required but not included are motor, pre-air filter and balance tank.

VERTICAL PUMP KITS:

81100086	M3 - 3 HP Kit	81100090	M5 - 5 HP Kit
81100087	M3 - 5 HP Kit	81100091	M5 - 7.5 HP Kit
81100088	M4 - 5 HP Kit	81100092	M7.5 - 7.5 HP Kit
81100089	M4 - 7.5 HP Kit	81100093	M7.5 - 10 HP Kit

Horizontal Kits include: pump, stand, oiler, belts, pulleys, bushings, stand, legs, muffler and balance tank.

HORIZONTAL PUMP KITS:

81100102	M2 - 2 HP Kit w/Motor
81100103	M2 - 2 HP Kit LESS Motor
81100101	M3 - 3 HP Kit w/Motor
81100104	M3 - 3 HP Kit LESS Motor

Model	Kit Part #	HP	CFM	RPM	Port Size	Pump Pulley	Pump Shaft Size	Motor Pulley	Motor Shaft Size	Belt Size*	Weight Pump Only
M2	81100102	2	25	1130	1.5"	6.2"	25mm	4.0"	7/8"	B52	65
M3	81100086	3	38	1225	1.5"	6.8"	25mm	4.6"	1-1/8"	B56	64
M3	81100087	5	56	1750	1.5"	6.8"	25mm	6.8"	1-1/8"	B58	64
M4	81100088	5	66	1225	2.0"	8.0"	28mm	5.6"	1-1/8"	B52	144
M4	81100089	7.5	80	1400	2.0"	8.0"	28mm	6.4"	1-1/8", 1-3/8"	B52	144
M5	81100090	5	57	1025	2.0"	9.4"	30mm	5.4"	1-1/8"	B56	108
M5	81100091	7.5	75	1350	2.0"	9.4"	30mm	6.6"	1-1/8", 1-3/8"	B56	108
M7.5	81100092	7.5	85	1025	2.0"	9.4"	30mm	5.4"	1-1/8", 1-3/8"	B56	136
M7.5	81100093	10	106	1350	2.0"	9.4"	30mm	6.6"	1-3/8"	B58	136

*Belt sizes for Vertical Pump Kits.

Portable Pump



81100096 PUMP-PORTABLE-ASSEMBLY-1 HP

This portable vacuum supplier comes complete with 1 hp motor, 20 ft. cord, regulator, gauge, balance tank, lubrication system and stallcocks. It comes mounted on a convenient portable cart and will supply vacuum for 1 or 2 bucket milkers.

Gardner Denver Pump Repair Parts



81100046	KIT - OVERHAUL-4"-P SERIES-GRS/S
81100047	KIT - OVERHAUL-5"-P SERIES-GRS/S
81100098	KIT - OVERHAUL-6"-P SERIES-GRS/S
81100121	KIT - OVERHAUL-4"-R SERIES-GRS/S
81100123	KIT - OVERHAUL-5"-R SERIES-GRS/S
81100125	KIT - OVERHAUL-6"-R SERIES-GRS/S
81100122	KIT - OVERHAUL-4"-R SERIES-DSL
81100124	KIT - OVERHAUL-5"-R SERIES-DSL
81100126	KIT - OVERHAUL-6"-R SERIES-DSL
81100035	BEARING - BALL - 5H/5M PUMP
81100039	BEARING - ROLLER - 5H/5M PUMP
81100051	SEAL - OIL - 5H/5M PUMP
81100056	LIP SEAL - OIL - 5H/5M PUMP
81100041	GASKET-GEAR CASE-5H/5M PUMP
81100085	SHIM-IMPELLER CASE-5H/5M PUMP



81100055	SIGHT GLASS-OIL LEVEL-4H/5H PUMP
81100094	SIGHT GLASS-OIL LEVEL-6M PUMP
81100050	PLUG - VENT - 4 & 5 - P SERIES
81100095	PLUG - VENT - 6 - P SERIES
81100128	PLUG - VENT - 4 & 5 - R SERIES
81100129	PLUG - VENT - 6 - R SERIES



81100068	MNTG FOOT-4H/4M-R SERIES-EACH
81100069	MNTG FOOT-5H/5M-R SERIES-EACH
81100070	MNTG FOOT-6M-R SERIES-SET 2 (2 SETS REQUIRED)
81100013	FEET-SET(2)-HORZ-5H & 5M-P SERIES
81100014	FEET-SET(2)-VERT-5H & 5M-P SERIES
81100015	FEET-SET(2)-VERT-6M-P SERIES

Masport Pump Repair Parts



81100111	VANE-M2 MASPORT-(SET4)
81100027	VANE-M3 MASPORT-(SET4)
81100028	VANE-M4 MASPORT-(SET 4)
81100029	VANE-M5 MASPORT-(SET 4)
81100030	VANE-M7.5 MASPORT-(SET 4)
81100026	VANE-M15 MASPORT-(SET 4)



81100037	BEARING - PUMP - M2/M3 MASPORT
81100038	BEARING - PUMP M5/M7.5 MASPORT
81100036	BEARING - PUMP - M15 - MASPORT
81100052	SEAL-OIL-PUMP-M15 MASPORT
81100053	SEAL-OIL-PUMP-M2/M3 MASPORT
81100054	SEAL-OIL-PUMP-M5/M7.5 MASPORT



81150036 REBUILD KIT M4 PUMP



81100042	GASKET-END COVER-PINK-M5/M7.5
81100043	GASKET-END COVER-YLW-M3 MASPORT
81100044	GASKET-END COVER-YLW-M5/M7.5
81100045	GASKET-FLANGE-M5/M7.5-MASPORT
81150040	O-RING - M4

Repair Parts - Other Brands



81100108	VANE - VAC PUMP - FR4A - EACH
81100107	VANE - VAC PUMP - DV777 - SET-4
81100142	VANE - VAC PUMP - M5 COPY - EACH
Other brand vanes also available.	
*Manufacturer is no longer producing these vanes.	
Ask about what we have in inventory.	



81690059 FILTER-REPLACEMENT-SURGE ALAMO

VACUUM SYSTEMS



81120092	PULLEY-1B 4.0 - L HUB	81120039	PULLEY-2B 6.4"-SDS HUB
81120090	PULLEY-2B 4.6 - SDS HUB	81120042	PULLEY-3B 6.4"-SD HUB
81120097	PULLEY-4.9 - L HUB	81120047	PULLEY-2B 6.6"-SDS HUB
81120085	PULLEY-2B 5.0"-SDS HUB	81120087	PULLEY-2B 6.8"-SDS HUB
81120036	PULLEY-2MAL 5.1"-L HUB	81120040	PULLEY-2-3VX 6.9"-SDS HUB
81120037	PULLEY-2-3VX 5.3"-SH HUB	81120044	PULLEY-2B 7.0"-SK HUB
81120041	PULLEY-2B 5.4"-SDS HUB	81120035	PULLEY-2B 8.0"-SK HUB
81120089	PULLEY-5.6-SDS HUB	81120056	PULLEY-3B 8.0"-SK HUB
81120038	PULLEY-2-3VX 6.0"-SDS HUB	81120102	PULLEY-2 - 3V-8.0" - SDS
81120043	PULLEY-2-3VX 6.0"-SH HUB	81120034	PULLEY-2MAL 8.2"-L HUB
81120053	PULLEY-2MAL 6.0"-L HUB	81120054	PULLEY-2MAL 8.2"-L HUB
81120086	PULLEY-2B 6.0"-SDS HUB	81120045	PULLEY-2B 9.4"-SK HUB
81120046	PULLEY-2B 6.2"-SDS HUB	81120057	PULLEY-3B 9.4"-SK HUB
81120093	PULLEY-1B - 6.2" - L HUB	81120055	PULLEY-2B 11.0"-SK HUB



81120098	BUSHING-PULLEY-SDS X 3/4"	81120027	BUSHING-PULLEY-SH X 1-3/8"
81120018	BUSHING-PULLEY-SD X 7/8"	81120022	BUSHING-PULLEY-SD X 1-5/8"
81120028	BUSHING-PULLEY-SH X 7/8"	81120023	BUSHING-PULLEY-SK X 1-5/8"
81120032	BUSHING-PULLEY-L X 7/8"	81120058	BUSHING-PULLEY-SK X 1-7/8"
81120088	BUSHING-PULLEY-SDS X 7/8"	81120030	BUSHING-PULLEY-SK X 28MM
81120020	BUSHING-PULLEY-SDS X 1-1/8"	81120031	BUSHING-PULLEY-SK X 30MM
81120024	BUSHING-PULLEY-L X 1-1/8"	81120103	BUSHING-PULLEY-SDS X 28MM
81120026	BUSHING-PULLEY-SH X 1-1/8"	81120101	BUSHING-PULLEY-SDS X 30MM
81120029	BUSHING-PULLEY-SK X 1-1/8"	81120100	BUSHING-PULLEY-L X 28MM
81120019	BUSHING-PULLEY-SDS X 1-3/8"	81120091	BUSHING-PULLEY-SDS X 25MM
81120021	BUSHING-PULLEY-SK X 1-3/8"	81120094	BUSHING-PULLEY-L X 25MM
81120025	BUSHING-PULLEY-L X 1-3/8"		



81120060	BELT - VACUUM PUMP-52" (B52)	81120016	BELT - VACUUM PUMP - 72" (B72)
81120000	BELT - VACUUM PUMP - 53" (B53)	81120017	BELT - VACUUM PUMP - 73" (B73)
81120003	BELT - VACUUM PUMP - 56" (B56)	81120083	BELT - VACUUM PUMP-75" (B75)
81120004	BELT - VACUUM PUMP - 57" (B57)	81120084	BELT - VACUUM PUMP-77" (B77)
81120006	BELT - VACUUM PUMP - 58" (B58)	81120099	BELT - VACUUM PUMP-83" (B83)
81120007	BELT - VACUUM PUMP - 59" (B59)		
81120009	BELT - VACUUM PUMP - 60" (BX60)	81120001	BELT - VACUUM PUMP - 54" (A54)
81120010	BELT - VACUUM PUMP - 62" (B62)	81120005	BELT - VACUUM PUMP - 58" (A58)
81120082	BELT - VACUUM PUMP-64" (B64)	81120013	BELT - VACUUM PUMP - 67" (A67)
81120012	BELT - VACUUM PUMP - 66" (BX66)		
81120014	BELT - VACUUM PUMP - 67" (B67)	81120107	BELT - VACUUM PUMP - 53" (3VX)
81120059	BELT - VACUUM PUMP-69" (B69)	81120002	BELT - VACUUM PUMP - 56" (3VX)
81120015	BELT - VACUUM PUMP - 70" (B70)	81120008	BELT - VACUUM PUMP - 60" (3VX)
		81120011	BELT - VACUUM PUMP - 63" (3VX)



81120048	KEY STOCK-7MM
81120049	KEY STOCK-1/4"
81120050	KEY STOCK-3/16"
81120051	KEY STOCK-3/8"
81120052	KEY STOCK-5/16"
81120095	KEY STOCK- 7MM X 8MM



81150018	LUBRICATOR-VACUUM-UNIVERSAL MASPORT
81150010	CONTAINER-OIL-LUBRICATOR
81150022	WICK-LUBRICATOR-M2/M3-MASPORT
81150023	WICK-LUBRICATOR-M5/M7.5 MAS-PORT

Replacement parts available, see Section 9.



81150000	RECLAIMER-TUBEMIZER-2" MASPORT
81150014	OIL FILTER - ONLY



Replacement parts available, see Section 9.

Blower Pump Gear Box Lubricants



SYNTHETIC

- 81150046 OIL - SGO-220 - 1 GAL
 81150047 OIL - SGO-220 - 5 GAL
 81150048 OIL - SGO-HD220 - 1 GAL



MINERAL OIL

- 81150027 OIL - GEAR BOX
 LOBE PUMP - GAL



- 81150028 OIL-ROTARY VANE PUMP
 CASE-(2)-2.5 GAL



SmartCLEAN

- Very good detergency and chelating properties
- Anti-corrosion, anti-rust
- Excellent lubricity
- Environmentally friendly
- Superior product for all blower type vacuum pumps

- 81190001 1 GALLON
 81190000 5 GALLON



AEON® SYNTHETIC GEAR LUBRICANT

- Specifically formulated w/optimized viscosity to provide maximum protection for demanding operating conditions
 - Synthetic lubricants have a service life four times greater than mineral-based oils
 - Rust and oxidation additives provide greater corrosion protection and improves blower reliability
 - AEON PD-XD (Extreme Duty) designed for high ambient (130°F) and high discharge temperature conditions
 - Factory recommended for Gardner Denver PD Blowers and Vacuum Pumps - Sutorbilt, DuroFlow, CycloBlower, HeliFlow and TriFlow
 - Lasts 4X longer
- * Recommended change interval for Gardner Denver pumps - 6000 HRS

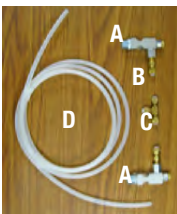
- 81150025 LUBRICANT - AEON PD - 1 QT
 81150026 LUBRICANT - AEON PD-CASE (12/1 QRT)
 81150034 LUBRICANT - AEON PDXD - 1 QT
 81150035 LUBRICANT - AEON PDXD - CASE (12/1 QRT)



- 81150024 GREASE-BEARING-HI TEMP-CAR-TRIDGE



- 81190003 KIT-FLUSH & VACUUM TAP



- 81150032 COMPLETE DRIPPER ASSEMBLY

- 81150002 (A) SIGHT GAUGE DIPPER
 81150005 (B) 0.125" NPT X .25" ADAPTER
 81150021 (C) .25" TEE
 81150031 (D) .25" TUBING PER FOOT



- 81150038 FLAPPER - ASSEMBLY - HD
 81150015 FLAPPER - REPLACEMENT
 MASPORT - NLA

VACUUM SYSTEMS

Variable Speed Drives



WMS variable speed drives help save on electricity costs by optimizing pump speed to match vacuum requirements. Pumps run cooler, quieter and longer when operating at lower speeds. Our drive packages include drive, transducer, transducer cord, relay and relay socket.

Mitsubishi Drives are some of the most efficient in the industry. These drives come pre-programmed. Just install the unit per instructions, connect to 1 phase or 3 phase power, set the vacuum level and you are ready to start the savings. Drives feature built-in RFI filter, but for extra protection, an add-on filter is available.

81100019	5 HP. DRIVE W/O MOTOR	81320092	SHIELDED CABLE #8 - 3
81100020	7.5 HP. DRIVE W/O MOTOR	81320095	SHIELDED CABLE #4 - 3
81100016	10 HP. DRIVE W/O MOTOR		
81100018	15 HP. DRIVE W/O MOTOR		
81100023	20 HP. DRIVE W/O MOTOR	81100057	TRANSDUCER
81100024	25 HP. DRIVE W/O MOTOR	81100097	TRANSDUCER CORD
81100099	FILTER - RFI - 50A-TCI		



Our TECO - Westinghouse motors are made tough. They are inverter duty - rock crusher duty motors that stand up to extreme conditions. The motor bodies are made of cast iron. These U.S. made motors carry a 3-year warranty.

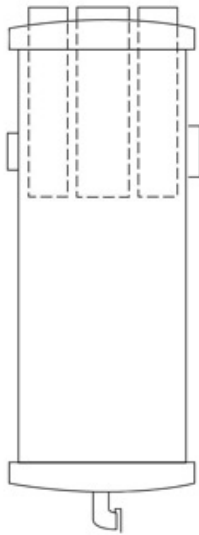
81660000	MOTOR-5HP-3PH-TECO-208-460V
81660001	MOTOR-7.5HP-3PH-TECO-208/460V
81660002	MOTOR-10HP-3PH-TECO-208/460V
81660026	MOTOR-15HP-3PH-TECO-208/460V
81660003	MOTOR-20HP-3PH-TECO-208/460V
81660051	MOTOR-25HP-3PH-TECO-208/460V
81660052	MOTOR-30HP-3PH-TECO-208/460V



Our single phase vacuum pump motors are totally enclosed fan-cooled motors. They carry a 1-year factory warranty.

81660041	MOTOR-3HP-1PH-208/230V
81660004	MOTOR-5HP-1PH-208/230V
81660005	MOTOR-7.5HP-1PH-208/230V
81660006	MOTOR-10HP-1PH-208/230V

PVC Vacuum Balance Tanks

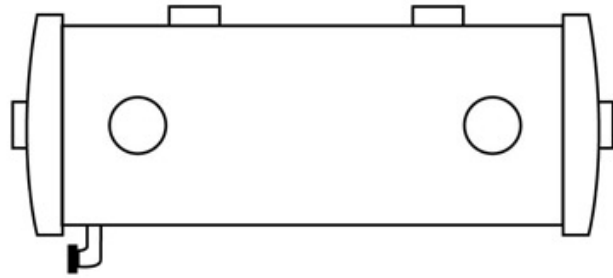


- 81110008 BAL TNK-VERT-15" X 36"-(5) 3"
- 81110009 BAL TNK-VERT-15" X 36"-(5) 4"
- 81110010 BAL TNK-VERT-15" X 48"-(4) 3"
- 81110011 BAL TNK-VERT-15" X 48"-(5) 3"
- 81110012 BAL TNK-VERT-15" X 48"-(2) 6"(1) 4"
- 81110013 BAL TNK-VERT-15" X 48"-(3) 4"(2) 3"
- 81110014 BAL TNK-VERT-15" X 60"-(5) 4"
- 81110055 BAL TNK-VERT-15" X 36"-(2) 6"

CUSTOM BUILT TANKS ARE ALSO AVAILABLE. CALL FOR DETAILS AND QUOTE FORM.

***Vertical tanks come with 1-1/2" drain valve and stand.**

****Horizontal tanks come with 1-1/2" drain valve and mounting strap.**



- 81110000 BAL TNK-HORZ-12" x 72"-(2) 4" (3) 3"
- 81110001 BAL TNK-HORZ-15" X 120"-(10) 4"
- 81110002 BAL TNK-HORZ-15" X 36"-(6) 3"
- 81110003 BAL TNK-HORZ-15" X 60"-(6) 3"
- 81110004 BAL TNK-HORZ-15" X 60"-(1) 6"(2) 4"-(3) 3"
- 81110005 BAL TNK-HORZ-15" X 60"-(6) 4"
- 81110041 BAL TNK-HORZ-12" x 40"-(1) 1.5" (2) 3"
- 81110043 BAL TNK-HORZ-12" x 72"-(1) 6" (5) 4"
- 81110058 BAL TNK-HORZ-15" x 96"-(2) 6" PORTS
- 81110042 BAL TNK-HORZ-15" x 120"-(7) 6" PORTS
- 81110051 BAL TNK-HORZ-15" x 120"-(6) 6" (2) 4"
- 81110052 BAL TNK-HORZ-15" x 60"-(2) 4" (3) 3"
- 81110053 BAL TNK-HORZ-15" x 120"-(2) 6" PORTS
- 81110057 BAL TNK-HORZ-15" x 60"-(1) 6" (4) 4"



- 81110019 FILTER-PRE AIR-VACUUM-PVC-(2)- 6"
- 81110020 FILTER-PRE AIR-VACUUM-PVC-(3)- 3"
- 81110018 FILTER-PRE AIR-VACUUM-PVC-(2)- 4"
- 81110022 CAP-FILTER-PRE-AIR-VACUUM
- 81110033 GASKET-FILTER-PRE-AIR
- 81110030 BAFFLE-FILTER-PRE AIR-VACUUM



- 81110038 VALVE-DRAIN-1.5"-BALANCE TANK
- 81110039 VALVE-DRAIN-1.25"-BALANCE TANK
- 81110032 FLAPPER W/SEAL & SCREW



- 81110036 SCREEN-SS-FILTER-PRE AIR-11" X 18"
- 81110037 SCREEN-SS-FILTER-PRE AIR-11.5" X 18.5"



- 81110031 STAND-PVC-BALANCE TANK-VERT



- 81110028 BRACKET-BALANCE TANK-EXTND-SET
- 81110029 BRACKETS-WALL-PVC TANK-2/SET



- 81240001 VALVE - AUTO DRAIN - 3/8"- PLASTIC w/METAL INSERT
- 81170035 VALVE - AUTO DRAIN - 1/2"- PLASTIC



- 81110021 CAP-12" DIA-3" INLET-12" X 72"
- 81110023 CAP-PVC TANK-15" DIA-(1)-3" MA
- 81110024 CAP-PVC TANK-15" DIA-(2)-4" PO
- 81110025 CAP-PVC TANK-15" DIA-(3)-3" MA
- 81110026 CAP-PVC TANK-15" DIA-W/ 1.5" N
- 81110027 CAP-PVC-BALANCE TANK-15"-BLANK
- 81110056 CAP-PVC-BALANCE TANK-12"-BLANK



- 39840101 DRAIN - RUBBER ELBOW 32MM (1-1/4")
- 39850051 DRAIN - RUBBER ELBOW 19MM (3/4")

VACUUM SYSTEMS



- 81180002 DIGITAL VACUUM GAUGE
81180011 FILTER - BRASS
81180013 BASE - MOUNTING NIPPLE



- 81180004 PORTABLE DIGITAL GAUGE
81180008 POWER SUPPLY



- 81180000 GAUGE-2.5" VACUUM-GLYCERINE FILLED
81180001 GAUGE-3" VACUUM-ADJ- 0/30" HG



- 81180015 SENTINEL DIGITAL GAUGE



- 81170000 CHECK VALVE-2" PVC-CANPLAS
81170001 CHECK VALVE-3" PVC-CANPLAS
81170002 CHECK VALVE-4" PVC-CANPLAS
81170003 CHECK VALVE-6" PVC-CANPLAS

81170007 FLAPPER-3" CHECK VLV-CANPLAS
81170008 FLAPPER-4" CHECK VLV-CANPLAS
81170009 FLAPPER-6" CHECK VLV-CANPLAS
81170010 COVER-3" W/ O RING-CANPLAS
81170027 COVER-4" W/ O RING-CANPLAS



- 81170018 VALVE - 1.5" VACUUM GATE
81170019 VALVE - 2" VACUUM GATE
81170020 VALVE - 3" VACUUM GATE
81170021 VALVE - 4" VACUUM GATE
81170022 VALVE - 6" VACUUM GATE
81170029 VALVE - 8" VACUUM GATE



- 81170004 CHECK VALVE-2" BRASS VACUUM
81170005 CHECK VALVE-2.5" BRASS VACUUM
81170006 CHECK VALVE-3" BRASS VACUUM
81170028 CHECK VALVE-4" BRASS VACUUM



- 81140061 VALVE-RELIEF-MODEL 350/500 SENTINEL
81140062 VALVE-RELIEF-SMALL MARK II SENTINEL



The Digimet 3000 vacuum and pulsation tester is easy-to-use, highly accurate and very affordable. The complete kit includes the DM3000 tester, small carrying case, printer, printer cable, interface cable, large outer case and operators manual with instructional CD.

- 81140072 FITTINGS AND CASE
81140015 DIGIMET - DM3000 - COMPLETE
81140016 DIGIMET - DM3000 - TESTER ONLY
81180010 CASE - DIGIMET - LARGE
81710214 PRINTER - DIGIMET
81710242 CABLE - DIGIMET PRINTER
81140020 REPLACEMENT FILTER



- 81680027 RACK - CHART
W/PEN HOLDER - SS

VACUUM SYSTEMS



37140500 FILTER-PILOT VALVE
37140521 FILTER-MAIN AIR

*Replacement parts available,
see Section 9.*



37140028 VACUUM REGULATOR
SUPAVAC HF-1.5"

*Replacement parts available,
see Section 9..*



81140002 VACUUM REGULATOR
MODEL 350 SENTINEL

81140003 VACUUM REGULATOR
MODEL 500 SENTINEL

81140019 DOME FILTER
81140023 AIR FILTER*

*Air filter cartridge also fits air injectors
and pulsation fresh air filters.

*Replacement parts available,
see Section 9.*



81140001 VACUUM REGULATOR
MODEL 100 SENTINEL

81140019 DOME FILTER
81140022 AIR FILTER

**See separate Parts Manual for
replacement part numbers.*



81140000 VACUUM REGULATOR
MARK II-SENTINEL

81140026 DOME FILTER
81140021 AIR FILTER
81140033 REBUILD KIT

*Replacement parts available,
see Section 9.*



81140039 PEACEKEEPER
MARK II-SENTINEL
81140040 PEACEKEEPER
MODEL 350/500-SENTINEL
81140067 PEACEKEEPER
MODEL 100-SENTINEL

81140024 FILTER-REPLACEMENT
PEACEKEEPER
81140038 OUTLET BODY-THREADED
PEACEKEEPER

*Replacement parts available,
see Section 9.*



81141001* SERVICE KIT
SERVAC 3500 REG

*Includes, filters, diaphragms and o-rings.
Also fits some Bou-Matic regulators.



81140100 VACUUM REGULATOR/
RELIEF VALVE

VACUUM SYSTEMS

Milking Machine Analyzer



The PT-VI has been specially designed to measure and analyse the vacuum level, the vacuum pulsator system and the air usage during the testing of a milking installation (in the milking stall). Testing can be carried out prior to, during or after milking. Various measurements can be carried out via various apps.

PT-VI FEATURES

- 7" Capacitive Touchscreen for displaying measurement results and a graphical display of the measured data.
- Easy menu-controlled interface for step-by-step guidance through the measurement routines in accordance with the ISO standard or for carrying out individual measurements.
- Optional external printer can be connected to the PT-VI so measurement results can be printed in the stall.
- Waterproof and dust-proof casing in accordance with IP33.
- Ease of use thanks to the touchscreen.
- Warning when the battery voltage is low, with automatic switch-off if this warning is generated.
- Rechargeable LI-ion battery.
- 8 hours usage with a fully charged battery.
- The software can be updated when the PT-VI is connected to the internet, which means the PT-VI will also meet future requirements and additional capabilities can be offered.

81145000 BASIC MODEL

81145100 BASIC MODEL KIT (INCLUDES):

81145000 BASIC MODEL

81145038 HOSE KIT

81145028 NEEDLE/TAPE KIT

81145031 HARD SHELL TRAVEL CASE

81145037 BLUE SILICONE CASE

81145005 - PT-VI EXTERNAL TRANSDUCERS

81145001 UPGRADED BASIC MODEL (INCLUDES):

81145000 BASIC MODEL

81145003 COURSE MEASURE APP

81145004 COLLAPSE APP

81145008 FALL OFF APP

81145028 NEEDLE/TAPE

81145031 HARD SHELL TRAVEL CASE

81145036 RED SILICONE CASE

81145037 BLUE SILICONE CASE

81145028 2 SPARE NEEDLES/TAPE

81145038 HOSE KIT

CFM Tester



CFM Testers include:

- Carry Case
- Tester with 3-1/2" Gauge
- Spare 3-1/2" Gauge
- Adapter for 3" Pipe
- Extra Plugs

81180016 METER - AIR FLOW - 160 CFM W/CASE

81180017 METER - AIR FLOW - 260 CFM W/CASE

MILKLINES, FITTINGS AND STAINLESS STEEL TUBE

MILKLINES, FITTINGS AND STAINLESS STEEL TUBE

MILKLINES, FITTINGS AND STAINLESS STEEL TUBE

MILKLINES, FITTINGS AND STAINLESS STEEL TUBE

MILKLINES, FITTINGS AND STAINLESS STEEL TUBE

Stainless Steel Tubing



ALL SOLD IN 20 FOOT INCREMENTS,
CAN CUT FOR SHIPPING

WMS-USA features RathGibson® high purity 304 stainless steel tubing.* The mill provides certification for every shipment. This tubing is requested every month to give you the best pricing possible. There is currently a freight assistance program for qualifying orders shipped within the continental United States. Call for the latest pricing information.

* 316L tubing is also available, but not quoted regularly. Please call for pricing.

POLISHED

81550004	TUBING-1/2"X.065-POL ID/OD-304
81550014	TUBING-3/4"X.065-POL ID/OD-304
81550023	TUBING-7/8"X.065-POL ID/OD-304
81550000	TUBING-1" X .049-POL ID/OD-304
81550002	TUBING-1" X .065-POL ID/OD-304
81550009	TUBING-1.25"X.065-POL ID/OD-304
81550006	TUBING-1.5"X.049-POL ID/OD-304 SS
81550008	TUBING-1.5"X.065-POL ID/OD-304
81550010	TUBING-2" X .049-POL ID/OD-304
81550011	TUBING-2" X .065-POL ID/OD-304
81550012	TUBING-2.5"X.065-POL ID/OD-304
81550013	TUBING-3" X .065-POL ID/OD-304
81550018	TUBING-4" X .065-POL ID/OD-304
81550019	TUBING-4" X .083-POL ID/OD-304

UNPOLISHED

81550016	TUBING-3/8"X .065-UNPOL-304 SS
81550022	TUBING-7/16" X .065-B/A-304 SS
81550003	TUBING-1/2" X .065-B/A-304 SS
81550020	TUBING-5/8" X .065-B/A-304 SS
81550005	TUBING-11/16"X .065-B/A-304 SS
81550015	TUBING-3/4"X .065-UNPOL-304 SS
81550024	TUBING-7/8"X .065-UNPOL-304 SS
81550001	TUBING-1" X .065-B/A-304 SS
81550007	TUBING-1.5" X .065-B/A-304 SS
81550017	TUBING-4" X .065-B/A-304 SS

TC Style Gaskets



81560132	GASKET - TC - BUNA N - .50"
81560133	GASKET - TC - BUNA N - .75"
81560134	GASKET - TC - BUNA N - 1"
81560135	GASKET - TC - BUNA N - 1.5"
81560136	GASKET - TC - BUNA N - 2"
81560137	GASKET - TC - BUNA N - 2.5"
81560138	GASKET - TC - BUNA N - 3"
81560139	GASKET - TC - BUNA N - 4"
81560140	GASKET - TC - BUNA N - 6"



81560307	GASKET - TC - TEFLON - 1"
81560148	GASKET - TC - TEFLON - 1.5 "
81560149	GASKET - TC - TEFLON - 2 "
81560150	GASKET - TC - TEFLON - 2.5 "
81560151	GASKET - TC - TEFLON - 3 "
81560152	GASKET - TC - TEFLON - 4 "



81560303	GASKET-TC-FLANGE-EPDM-1"
81560143	GASKET-TC-FLANGE-EPDM-1.5"
81560144	GASKET-TC-FLANGE-EPDM-2"
81560145	GASKET-TC-FLANGE-EPDM-2.5"
81560146	GASKET-TC-FLANGE-EPDM-3"
81560147	GASKET-TC-FLANGE-EPDM-4"



81560434	GASKET - TC - VITON - 1"
81560435	GASKET - TC - VITON - 1.5"
81560436	GASKET - TC - VITON - 2"
81560437	GASKET - TC - VITON - 2.5"
81560438	GASKET - TC - VITON - 3"
81560439	GASKET - TC - VITON - 4"
81560440	GASKET - TC - VITON - 6"



81560292	GASKET-TC-BUNA N-WHITE-1"
81560156	GASKET-TC-BUNA N-WHITE-1.5"
81560157	GASKET-TC-BUNA N-WHITE-2"
81560190	GASKET-TC-BUNA N-WHITE-2.5"
81560158	GASKET-TC-BUNA N-WHITE-3"
81560191	GASKET-TC-BUNA N-WHITE-4"



81580028	GASKET-BEVEL SEAT-TEFLON-1.5"
81580029	GASKET-BEVEL SEAT-TEFLON-2"
81580030	GASKET-BEVEL SEAT-TEFLON-2.5"
81580031	GASKET-BEVEL SEAT-TEFLON-3"
81580032	GASKET-BEVEL SEAT-TEFLON-4"



81560213	GASKET - TC - SILICONE - 1"
81560153	GASKET - TC - SILICONE - 1.5 "
81560154	GASKET - TC - SILICONE - 2 "
81560155	GASKET - TC - SILICONE - 2.5"
81560185	GASKET - TC - SILICONE - 3"
81560186	GASKET - TC - SILICONE - 4"



81580033	GASKET-BEVEL SEAT-BUNA N-1.5"
81580034	GASKET-BEVEL SEAT-BUNA N-2"
81580035	GASKET-BEVEL SEAT-BUNA N-2.5"
81580036	GASKET-BEVEL SEAT-BUNA N-3"
81580037	GASKET-BEVEL SEAT-BUNA N- 4"



81560141	GASKET-ENVELOPE-TEFLON-1.5"
81560142	GASKET-ENVELOPE-TEFLON-2"
81560187	GASKET-ENVELOPE-TEFLON-2.5"
81560188	GASKET-ENVELOPE-TEFLON-3"
81560189	GASKET-ENVELOPE-TEFLON-4"



81260003	GASKET-RUBBER-1-1/2" - GLS CPLNG
81260002	GASKET-RUBBER-2" - GLS CPLNG
81260007	GASKET-RUBBER-3" - GLS CPLNG

MILK LINES, FITTINGS AND STAINLESS STEEL TUBE

Quick-Weld Ferrules



Our new Quick-Weld ferrules help speed up your installations. Their unique design allows for more sanitary clamp joints than with "face-welded" ferrules. These are restricted in some

locations.
81560250 FERRULE - QUICK-WELD - 1.0"

Ferrules - Tri-Clamp



81560184 FERRULE-TC-ROLL ON-1"-(14RMP)
81560048 FERRULE-TC-ROLL ON-1.5"-(14RMP)
81560049 FERRULE-TC-ROLL ON-2"-(14RMP)
81560050 FERRULE-TC-ROLL ON-2.5"-(14RMP)
81560051 FERRULE-TC-ROLL ON-3"-(14RMP)
81560052 FERRULE-TC-ROLL ON-4"-(14RMP)



81560127 FERRULE-TC-ROLL ON-1.5"-USA
81560128 FERRULE-TC-ROLL ON-2"-USA
81560129 FERRULE-TC-ROLL ON-2.5"-USA
81560130 FERRULE-TC-ROLL ON-3"-USA



81560053 FERRULE-TC-2" X 1.5" CONC ROLL ON



81560057 FERRULE-TC-.5" SHORT WELD
81560219 FERRULE-TC-.75" SHORT WELD
81560183 FERRULE - TC - 1" SHORT WELD
81560058 FERRULE-TC-1.5" SHORT WELD
81560059 FERRULE-TC-2" SHORT WELD
81560060 FERRULE-TC-2.5" SHORT WELD
81560061 FERRULE-TC-3" SHORT WELD
81560062 FERRULE-TC-4" SHORT WELD
81560063 FERRULE-TC-6" SHORT WELD



81560342 COVER - FERRULE - 1.5" - PLASTIC
81560343 COVER - FERRULE - 2" - PLASTIC
81560344 COVER - FERRULE - 2.5" - PLASTIC
81560345 COVER - FERRULE - 3" - PLASTIC
81560346 COVER - FERRULE - 4" - PLASTIC



81560238 REDUCER
2" TC X 1.5" TC
SPECIAL SHORT



81650101 REDUCER - 2" TC X 1" TC
SPECIAL TAPERED
81560308 REDUCER - 2.5" TC X 1.5" TC
SPECIAL TAPERED



81560220 FERRULE-TC-.25 BUTT WELD
81560064 FERRULE-TC-.5" BUTT WELD
81560065 FERRULE-TC-1" BUTT WELD
81560066 FERRULE-TC-1.5" BUTT WELD
81560067 FERRULE-TC-2" BUTT WELD
81560068 FERRULE-TC-2.5" BUTT WELD
81560069 FERRULE-TC-3" BUTT WELD
81560070 FERRULE-TC-4" BUTT WELD
81560071 FERRULE-TC-6" BUTT WELD



TANK WELD

81560124 FERRULE - TANK WELD - 1.5"
81560125 FERRULE - TANK WELD - 2"
81560193 FERRULE - TANK WELD - 2.5"
81560126 FERRULE - TANK WELD - 3"
81560194 FERRULE - TANK WELD - 4"



81560280 FERRULE - TANK WELD 16 GA - 1"
81560315 FERRULE - TANK WELD 16 GA - 1.5"
81560316 FERRULE - TANK WELD 16 GA - 2"
81560317 FERRULE - TANK WELD 16 GA - 2.5"
81560318 FERRULE - TANK WELD 16 GA - 3"
81560319 FERRULE - TANK WELD 16 GA - 4"



81560006 ADAPTER-HOSE-TYGON - 1.5" TC
81560007 ADAPTER-HOSE-TYGON - 2" TC
81560075 ADAPTER-HOSE-TYGON - 2.5" TC
81560008 ADAPTER-HOSE-TYGON - 3" TC
81560009 ADAPTER-HOSE-TYGON - 4" TC



81590110 ADAPTER-HOSE-TYGON - 1.5" BVL
81590001 ADAPTER-HOSE-TYGON - 2" BVL
81580062 ADAPTER-HOSE-TYGON - 2.5" BVL
81590095 ADAPTER-HOSE-TYGON - 3" BVL
81580044 ADAPTER-HOSE-TYGON - 2" THRD
81580099 ADAPTER - 2"BVL X 1.5" WELD

MILKLINES, FITTINGS AND STAINLESS STEEL TUBE

Ferrules - Bevel/Threaded

	81580076	FERRULE-BEVEL-ROLL ON-1"
	81580018	FERRULE-BEVEL-ROLL ON-1.5"
	81580019	FERRULE-BEVEL-ROLL ON-2"
	81580054	FERRULE-BEVEL-LONG WELD-1"
	81580015	FERRULE-BEVEL-LONG WELD-1.5"
	81580016	FERRULE-BEVEL-LONG WELD-2"
	81580017	FERRULE-BEVEL-LONG WELD-3"
	81580080	FERRULE-BEVEL-LONG WELD-4"
	81580097	FERRULE-THRD-LONG WELD-1"
	81580020	FERRULE-THRD-LONG WELD-1.5"
	81580021	FERRULE-THRD-LONG WELD-2"
	81580083	FERRULE-THRD-LONG WELD-2.5"
	81580022	FERRULE-THRD-LONG WELD-3"
	81580079	FERRULE-THRD-LONG WELD-4"
	81580023	FERRULE-THRD ROLL ON 2"
	81580010	FERRULE-BEVEL-SHORT WELD-1.5"
	81580012	FERRULE-BEVEL-SHORT WELD-2"
	81580013	FERRULE-BEVEL-SHORT WELD-2.5"
	81580014	FERRULE-BEVEL-SHORT WELD-3"
	81580233	FERRULE-BEVEL-SHORT WELD-4"
	81580024	FERRULE-THRD SHORT WELD 1.5"
	81580025	FERRULE-THRD SHORT WELD 2"
	81580026	FERRULE-THRD SHORT WELD 2.5"
	81580027	FERRULE-THRD SHORT WELD 3"
	81580000	CAP - PLAIN - 1" - (16A)
	81580001	CAP - PLAIN - 1.5" - (16A)
	81580002	CAP - PLAIN - 2" - (16A)
	81580003	CAP - PLAIN - 2.5" - (16A)
	81580004	CAP - PLAIN - 3" - (16A)
	81580078	CAP - PLAIN - 4" - (16A)
	81580005	NUT - HEX UNION - 1" - (13H)
	81580006	NUT - HEX UNION - 1.5" - (13H)
	81580007	NUT - HEX UNION - 2" - (13H)
	81580008	NUT - HEX UNION - 2.5" - (13H)
	81580009	NUT - HEX UNION - 3" - (13H)
	81580011	NUT - HEX UNION - 4" - (13H)

Clamps

	81560020	CLAMP-HEAVY DUTY-.75"-(13MHMM)
	81560021	CLAMP-HEAVY DUTY-1.5"-(13MHMM)
	81560022	CLAMP-HEAVY DUTY-2"-(13MHMM)
	81560023	CLAMP-HEAVY DUTY-2.5"-(13MHMM)
	81560024	CLAMP-HEAVY DUTY-3"-(13MHMM)
	81560025	CLAMP-HEAVY DUTY-4"-(13MHMM)
	81560026	CLAMP-HEAVY DUTY-6"-(13MHMM)
	81560027	CLAMP-HINGED TOGGLE-1.5"-(13MH)
	81560028	CLAMP-HINGED TOGGLE-2"-(13MHLA)
	81560029	CLAMP-HINGED TOGGLE-2.5"-(13MH)
	81560030	CLAMP-HINGED TOGGLE-3"-(13MHLA)
	81560031	CLAMP-HINGED TOGGLE-4"-(13MHLA)
	81560032	CLAMP-SQUEEZE-HEAVY DUTY-1.5"
	81560033	CLAMP-SQUEEZE-HEAVY DUTY-2"
	81560034	CLAMP-SQUEEZE-HEAVY DUTY-2.5"
	81560035	CLAMP-SQUEEZE-HEAVY DUTY-3"
	81560036	CLAMP-SQUEEZE-HEAVY DUTY-4"
	81560037	CLAMP - V-INSERT - 1.5 "
	81560038	CLAMP - V-INSERT - 2 "
	81560039	CLAMP - V-INSERT - 2.5 "
	81560040	CLAMP - V-INSERT - 3 "
	81560041	CLAMP - V-INSERT - 4 "
	81560295	CLAMP - NYLON - HINGE - 1/2"+3/4"
	81560296	CLAMP - NYLON - HINGE - 1"+1.5"
	81560297	CLAMP - NYLON - HINGE - 2"
	81560298	CLAMP - NYLON - HINGE - 2.5"
	81560299	CLAMP - NYLON - HINGE - 3"
	81560300	CLAMP - NYLON - HINGE - 4"
	81590038	CLAMP-HOSE-SS-2" (H36-SS)
	81590039	CLAMP-HOSE-SS-3-5/16" TO 4"
	81590040	CLAMP-HOSE-SS-1-5/8" MIN 3-1/4"

	81590006	FERRULE-SURGE-ROLL ON - 1.5"
	81590007	FERRULE-SURGE-ROLL ON - 2"
	81590010	FERRULE-SURGE-WELD - 1.5"
	81590011	FERRULE-SURGE-WELD - 2"
	GLASS TO STAINLESS STEEL	
	81590003	FERRULE-ROLL ON-GLS/SS-1.5"
	81590004	FERRULE-ROLL ON-GLS/SS-2"
	81590005	FERRULE - SS/GLS - WELD - 2"
	81590008	GASKET - SURGE - 1-1/2" - PIPELINE
	81590009	GASKET - SURGE - 2" - PIPELINE
	81590100	GASKET - SURGE - 1-1/2" TEFLON
	81590107	GASKET - SURGE - 2" TEFLON
	GLASS COUPLINGS	
	81260000	COUPLING - GLS/GLS - 1-1/2"
	81260001	COUPLING - GLS/GLS - 2"
	81260006	COUPLING - GLS/SS - 3"
	81260002	GASKET-RUBBER-2" GLS COUPLING
	81260003	GASKET-RUBBER-1.5" GLS CPLNG
	81260004	GASKET-RUBBER-3" GLS COUPLING

MILK LINES, FITTINGS AND STAINLESS STEEL TUBE

Elbows



81560118	ELBOW - TC - 1" X 90
81560119	ELBOW - TC - 1.5" X 90
81560120	ELBOW - TC - 2" X 90
81560121	ELBOW - TC - 2.5" X 90
81560122	ELBOW - TC - 3" X 90
81560123	ELBOW - TC - 4" X 90
81560249	ELBOW - TC - 6" X 90



81560042	ELBOW - TC - 1" X 45
81560043	ELBOW - TC - 1.5" X 45
81560044	ELBOW - TC - 2" X 45
81560045	ELBOW - TC - 2.5" X 45
81560046	ELBOW - TC - 3" X 45
81560047	ELBOW - TC - 4" X 45



81560293	ELBOW - 2" TC X 22.5 DEGREE
81560313	ELBOW - 1.5" TC X 22.5 DEGREE



81570071	ELBOW-WELD-7/8" X 45 w/1.5" X 3" TANG
81570000	ELBOW-WELD-1" X 45
81570001	ELBOW-WELD-1.5" X 45
81570002	ELBOW-WELD-2" X 45
81570062	ELBOW-WELD-2.5" X 45
81570003	ELBOW-WELD-3" X 45
81570004	ELBOW-WELD-4" X 45
81570042	ELBOW-WELD-2" X 45-LESS TANG
81570064	ELBOW-WELD-3" X 45-LESS TANG



81570048	ELBOW-WELD-3/4" X 90-2" TANG
81570051	ELBOW-WELD-7/8" X 90-2.5" TANG
81570005	ELBOW-WELD-1" X 90
81570006	ELBOW-WELD-1.5" X 90
81570007	ELBOW-WELD-2" X 90
81570008	ELBOW-WELD-2.5" X 90
81570009	ELBOW-WELD-3" X 90
81570010	ELBOW-WELD-4" X 90



81570057	ELBOW-WELD-3/4" X 90-LESS TANG
81570063	ELBOW-WELD-1" X 90-LESS TANG
81570065	ELBOW-WELD-1.5" X 90-LESS TANG
81570044	ELBOW-WELD-2" X 90-LESS TANG
81570047	ELBOW-WELD-3" X 90-LESS TANG



81570099	ELBOW-WELD/TC-.5" X 90
81570100	ELBOW-WELD/TC-.75" X 90
81570067	ELBOW-WELD/TC-1" X 90
81570011	ELBOW-WELD/TC-1.5" X 90
81570012	ELBOW-WELD/TC-2" X 90
81570013	ELBOW-WELD/TC-2.5" X 90
81570014	ELBOW-WELD/TC-3" X 90
81570015	ELBOW-WELD/TC-4" X 90



81570052	ELBOW-WELD/TC-1.5" X 45
81570053	ELBOW-WELD/TC-2" X 45
81570066	ELBOW-WELD/TC-3" X 45
81570102	ELBOW-WELD/TC-4" X 45



81560010	BEND-TC-MITERED-2.5" X 180 DEG
81560011	BEND-TC-MITERED-3" X 180 DEG-6"
81560012	BEND-TC-MITERED-4" X 180 DEG-9"
81560218	BEND-TC-MITERED-4" X 180 DEG-6"



81210009	BEND - 1.5"TC X 180 - 4.5" C/C
81210010	BEND - 2"TC X 180 - 6" C/C
81210011	BEND - 3"TC X 180 - 9" C/C
81580220	BEND - 2"BVL X 2"BVL W/NUTS

Drain Elbows



81220023	ELBOW-1.5" DRAIN-W/ 3/4" LEFT*
81220024	ELBOW-1.5" DRAIN-W/ 3/4" RIGHT
81220081	ELBOW-2" DRAIN-W/ 3/4" LEFT
81220100	ELBOW-2" DRAIN-W/ 3/4" RIGHT
*Pictured	



81220022	ELBOW-DRAIN-1.5" W/ 3/4" TUBE
81220026	ELBOW-1.5" DRAIN-W/ 7/16" TUBE
81220028	ELBOW-2" DRAIN-W/ 3/4" TUBE
81220125	ELBOW-2.5" DRAIN-W/ 3/4" TUBE
81220193	ELBOW-2.5" DRAIN-W/ 7/8" TUBE



81220025	ELBOW-1.5" DRAIN-W/ 3/4" PARALLEL
81220027	ELBOW-2" DRAIN-W/ 3/4" PARALLEL

MILKLINES, FITTINGS AND STAINLESS STEEL TUBE

Specialty Elbows

	81580068 90	ELBOW -RDCNG-3" BVL 2" THRD X 90 ECC - LEFT		81580223 81580216	ELBOW - 1.5" BVL X BVL W/NUTS ELBOW - 2" BVL X BVL W/NUTS
	81580226 81580230 81580237	ELBOW -RDCNG-3" BVL 2" THRD X 90 CONC ELBOW -RDCNG-2.5" BVL 2" THRD X 90 CONC ELBOW -RDCNG-3" BVL 1.5" THRD X 90 CONC		81580096 81580067	ELBOW - 1.5" THRD X WELD 90 ELBOW - 2" THRD X WELD 90
	81580045 81580086	ELBOW - NUT/THRD - 2" X 90 ELBOW - NUT/THRD - 3" X 90		81560182	ELBOW-TC-RDCNG-2" X 1.5" X 90
	81580053 81580046 81580075	ELBOW - TC X BVL - 1.5" X 90 w/NUT ELBOW - TC X BVL - 2" X 90 w/NUT ELBOW - TC X BVL - 3" X 90 w/NUT		81510136 81580051 81580061 81510003 81510002	ELBOW - 1.5" BVL X 1" - LF ECC ELBOW - 3" TC X 2" WELD - LF ECC ELBOW - 3" BVL X 2" WELD - LF ECC ELBOW - 2" BVL X 1.5" WELD-RT ECC ELBOW - 2" BVL X 1.5" WELD-LF ECC
	81590002 81590102	ELBOW - SS/GL - 1.5" X 90 ELBOW - SS/GL - 2" X 90		81560233 81560267 81580065	ELBOW-RDCNG-2" BVL 1" TC CONC ELBOW-RDCNG-3" BVL 1.5" TC CONC ELBOW-RDCNG-3" BVL 2" TC CONC
	81590116	ELBOW - TC/SURGE - 1.5"		81510034 81510105 81580221 81580215 81580224 81580222	ELBOW-2" BVL X 1-1/2" TC - RT ECC ELBOW-2" BVL X 1-1/2" TC - LF ECC ELBOW - 3" BVL X 1.5" TC - LF ECC ELBOW-3" BVL X 2-1/2" TC - LF ECC ELBOW-3" BVL X 2" TC - LF ECC ELBOW - 3" BVL X 2" TC - ECC DOWN
	81580047 81580056	ELBOW - TC/THRD - 2" X 90 ELBOW - TC/THRD - 3" X 90		81580050 81580066 81580063 81580085	ELBOW - 1.5" X 90 BVL X WELD w/NUT ELBOW - 2" X 90 BVL X WELD w/NUT ELBOW - 2.5" X 45 WELD X BVLw/NUT ELBOW - 3" X 90 WELD X BVLw/NUT
	81580048	ELBOW - THD/THD - 2" X 90			

MILK LINES, FITTINGS AND STAINLESS STEEL TUBE

Tees



81560100	TEE - TRI CLAMP - 1" - (7MP)
81560101	TEE - TRI CLAMP - 1.5" - (7MP)
81560102	TEE - TRI CLAMP - 2" - (7MP)
81560103	TEE - TRI CLAMP - 2.5" - (7MP)
81560104	TEE - TRI CLAMP - 3" - (7MP)
81560105	TEE - TRI CLAMP - 4" - (7MP)



81560309	TEE - TC - RDCNG - 1.5" X 1"
81560286	TEE - TC - RDCNG - 2" X 1"
81560106	TEE - TC - RDCNG - 2" X 1.5"
81560107	TEE - TC - RDCNG - 2.5" X 1.5"
81560108	TEE - TC - RDCNG - 2.5" X 2"
81560109	TEE - TC - RDCNG - 3" X 1.5"
81560110	TEE - TC - RDCNG - 3" X 2"
81560192	TEE - TC - RDCNG - 3" X 2.5"
81560111	TEE - TC - RDCNG - 4" X 1.5"
81560112	TEE - TC - RDCNG - 4" X 2"



81560202	LINE SPLITTER - TC - 1"
81560084	LINE SPLITTER - TC - 1.5"
81560085	LINE SPLITTER - TC - 2"
81560086	LINE SPLITTER - TC - 2.5"
81560087	LINE SPLITTER - TC - 3"



81560195	LATERAL "Y" - 1" - CxCxC
81560209	LATERAL "Y" - 1.5" - CxCxC
81560178	LATERAL "Y" - 2" - CxCxC
81560179	LATERAL "Y" - 3" - CxCxC
81560243	LATERAL "Y" - 2" x 1.5" - CxCxC



81560201	TRUE "Y" - 1" - CxCxC
81560234	TRUE "Y" - 1.5" - CxCxC
81560208	TRUE "Y" - 2" - CxCxC



81560257	TEE - TC - SHORT OUTLET - 1.5"
81560258	TEE - TC - SHORT OUTLET - 2"
81560259	TEE - TC - SHORT OUTLET - 2.5"
81560260	TEE - TC - SHORT OUTLET - 3"
81560261	TEE - TC - SHORT OUTLET - 4"

Sanitary Swivels



81560262	SWIVEL - TC - 1.5"
81560263	SWIVEL - TC - 2"
81560264	SWIVEL - TC - 2.5"
81560265	SWIVEL - TC - 3"



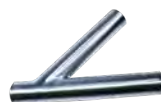
81570086	TEE - WELD - .75" - (L7WWW)
81570030	TEE - WELD - 1" - (L7WWW)
81570031	TEE - WELD - 1.5" - (L7WWW)
81570032	TEE - WELD - 2" - (L7WWW)
81570033	TEE - WELD - 2.5" - (L7WWW)
81570034	TEE - WELD - 3" - (L7WWW)
81570035	TEE - WELD - 4" - (L7WWW)
81570029	TEE - WELD - .75" LONG TANG



81570072	TEE-WELD-REDUCING-1-1/2" X 1"
81570036	TEE-WELD-REDUCING-2" X 1"
81570037	TEE-WELD-REDUCING-2" X 1.5"
81570070	TEE-WELD-REDUCING-2-1/2" X 1-1/2"
81570038	TEE-WELD-REDUCING-2.5" X 2"
81570058	TEE-WELD-REDUCING-3" X 1"
81570039	TEE-WELD-REDUCING-3" X 1.5"
81570040	TEE-WELD-REDUCING-3" X 2"
81570096	TEE-WELD-REDUCING-4" X 1.5"
81570111	TEE-WELD-REDUCING-4" X 2"
81570083	TEE-WELD-REDUCING-4" X 2.5"



81570016	LINE SPLITTER - WELD - 1.5"
81570017	LINE SPLITTER - WELD - 2"
81570018	LINE SPLITTER - WELD - 2.5"



81570059	LATERAL "Y" - 1" - WELD
81570082	LATERAL "Y" - 1.5" - WELD
81570054	LATERAL "Y" - 2" - WELD



81570061	TRUE "Y" - 2" - WELD
----------	----------------------

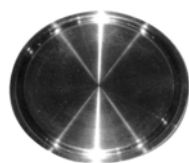


81560181	CROSS - TC-1.5"
81560310	CROSS- TC - 2"
81570108	CROSS - WELD - 3"



81560290	SEAL KIT - SWIVEL - 1.5"
81560291	SEAL KIT - SWIVEL - 2"
81560288	SEAL KIT - SWIVEL - 3"

MILKLINES, FITTINGS AND STAINLESS STEEL TUBE



81560017	CAP - SOLID END - 3/4"-(16AMP)
81560013	CAP-SOLID END-1" & 1.5"-(16AMP)
81560014	CAP - SOLID END - 2" - (16AMP)
81560015	CAP - SOLID END - 2.5"-(16AMP)
81560016	CAP - SOLID END - 3" - (16AMP)
81560018	CAP - SOLID END - 4" - (16AMP)
81560019	CAP - SOLID END - 6" - (16AMP)



81560072	INLET-WASH-CONC-1.5"W 3/4" TUBE
81560074	INLET-WASH-CONC-1.5"W 7/8" TUBE
81560080	INLET-WASH-ECC-1.5" W 3/4"OD TUBE
81560076	INLET-WASH-CONC-2" W/ 1" TUBE
81560077	INLET-WASH-CONC-2" W 3/4" TUBE
81560079	INLET-WASH-CONC-2" W 7/8" TUBE
81560217	INLET-WASH-CONC-3" W 3/4" TUBE
81560350	INLET-WASH-CONC-2.5" W 7/8" TUBE
81560351	INLET-WASH-CONC-2.5" W 1-3/4" TUBE

*SS TUBE IS O.D. DIMS



81560080	INLET-WASH-ECC-1.5" W 3/4" TUBE
81560081	INLET-WASH-ECC-2" W 3/4" TUBE
81560082	INLET-WASH-ECC-2" W 5/8" TUBE
81560083	INLET-WASH-ECC-2.5" W 3/4" TUBE
81560226	INLET-WASH-ECC-3" W 3/4" TUBE



81580077	INLET-WASH-ECC 2" BVL w/3/4" TUBE
81580218	INLET-WASH-ECC 2" BVL w/1" TUBE
81580229	INLET-WASH-ECC 1.5" BVL w/3/4" TUBE



81590105	ADAPTER - 1.5" - SURGE X TC
81590106	ADAPTER - 2" - SURGE X TC



81560227	ADAPTER - BARBED - 1" X TC
81560266	ADAPTER - BARBED - 1.25" X 1.5" TC
81560228	ADAPTER - BARBED - 1.5" X TC
81560223	ADAPTER - BARBED - 2" X TC
81560328	ADAPTER - BARBED - 2.5" X TC
81560278	ADAPTER - BARBED - 3" X TC



81560205	ADAPTER - BARBED - 1.5" X BVL
81560221	ADAPTER - BARBED - 2" X BVL
81560282	ADAPTER - BARBED - 2.5" X BVL
81560222	ADAPTER - BARBED - 3" X BVL

81560225	ADAPTER - BARBED - 2" X THRD
----------	------------------------------



81560337	BREWERY HOSE ADAPTER - 1"
81560338	BREWERY HOSE ADAPTER - 1.5"
81560339	BREWERY HOSE ADAPTER - 2"



81560000	ADAPTER - 1" - NPT/TC
81560001	ADAPTER - 1.5" - NPT/TC
81560002	ADAPTER - 2" - NPT/TC
81560003	ADAPTER - 2-1/2" - NPT/TC
81560004	ADAPTER - 3" - NPT/TC
81560231	ADAPTER - 4" - NPT/TC
81560005	ADAPTER - 2" TC X 1.5" NPT
81560246	ADAPTER - 2" TC X 1" NPT
81560240	ADAPTER - 3" TC X 2" NPT



81580039	ADAPTER-1.5" TC/THRD-(17MP-15)
81580042	ADAPTER-2" TC/THRD-(17MP-15)
81580043	ADAPTER-2.5" TC/THRD-(17MP-15)
81580072	ADAPTER-3" TC/THRD-(17MP-15)



81580040	ADAPTER-1.5" TC/BVL W/NUT-(17MP-15)
81580041	ADAPTER-2" TC/BVL W/NUT-(17MP-15)
81580088	ADAPTER-2.5" TC/BVL W/NUT-(17MP-15)
81580057	ADAPTER-3" TC/BVL W/NUT

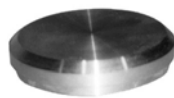


81560326	ADAPTER-.5" NPT X WELD
81560270	ADAPTER-.75" NPT X WELD
81560271	ADAPTER-1" NPT X WELD
81560212	ADAPTER-1.25" NPT X WELD
81560230	ADAPTER-1.5" NPT X WELD
81560210	ADAPTER-2" FNPT X WELD
81560203	ADAPTER-3" NPT X WELD
81560242	ADAPTER-3" FNPT X WELD
81560302	ADAPTER-4" NPT X WELD



81590000	ADAPTER - 1.5" TC X FNPT
81560204	ADAPTER - 1.5" TC X 1" FNPT
81560241	ADAPTER - 3" TC X 2" FNPT
81560235	ADAPTER - 2" TC X FNPT
81560301	ADAPTER - 4" TC X FNPT
81560275	ADAPTER - 3" TC X 2.5" FNPT
81560276	ADAPTER - 3" TC X 3" FNPT

MILK LINES, FITTINGS AND STAINLESS STEEL TUBE



81580000	CAP - PLAIN - 1" - (16A)
81580001	CAP - PLAIN - 1.5" - (16A)
81580002	CAP - PLAIN - 2" - (16A)
81580003	CAP - PLAIN - 2.5" - (16A)
81580004	CAP - PLAIN - 3" - (16A)
81580078	CAP - PLAIN - 4" - (16A)



81580005	NUT - HEX UNION - 1" - (13H)
81580006	NUT - HEX UNION - 1.5" - (13H)
81580007	NUT - HEX UNION - 2" - (13H)
81580008	NUT - HEX UNION - 2.5" - (13H)
81580009	NUT - HEX UNION - 3" - (13H)
81580011	NUT - HEX UNION - 4" - (13H)

Reducers



81560268	REDUCER - TC - 1" X .75" - CON
81560215	REDUCER - TC - 1.5" X 1" - CON
81560232	REDUCER - TC - 2" X 1" - CON
81560091	REDUCER - TC - 2" X 1.5" - CON
81560092	REDUCER - TC - 2.5" X 1" - CON
81560239	REDUCER - TC - 2.5" X 1.5" - CON
81560093	REDUCER - TC - 2.5" X 2" - CON
81560088	REDUCER - TC - 3" X 1.5" - CON
81560094	REDUCER - TC - 3" X 2" - CON
81560095	REDUCER - TC - 3" X 2.5" - CON
81560096	REDUCER - TC - 4" X 2" - CON
81560283	REDUCER - TC - 4" X 2.5" - CON
81560245	REDUCER - TC - 4" X 3" - CON



81570073	REDUCER-WELD-CONC-1" X .75"
81570074	REDUCER-WELD-CONC-1.5" X .75"
81570068	REDUCER-WELD-CONC-1.5" X 1"
81570019	REDUCER-WELD-CONC-2" X 1"
81570020	REDUCER-WELD-CONC-2" X 1.25"
81570021	REDUCER-WELD-CONC-2" X 1.5"
81570022	REDUCER-WELD-CONC-2.5" X 2"
81570023	REDUCER-WELD-CONC-3" X 1.5"
81570024	REDUCER-WELD-CONC-3" X 2"
81570025	REDUCER-WELD-CONC-4" X 2"
81570087	REDUCER-WELD-CONC-3" X 2.5"



81560207	REDUCER - TC - 1.5" X 1" - ECC
81560273	REDUCER - TC - 2" X 1" - ECC
81560097	REDUCER - TC - 2" X 1.5" - ECC
81560089	REDUCER - TC - 2.5" X 1.5" - ECC
81560098	REDUCER - TC - 2.5" X 2" - ECC
81560090	REDUCER - TC - 3" X 1.5" - ECC
81560099	REDUCER - TC - 3" X 2" - ECC
81560269	REDUCER - TC - 3" X 2.5" - ECC
81560358	REDUCER - TC - 4" X 2" - ECC
81560284	REDUCER - TC - 4" X 2.5" - ECC



81570115	REDUCER-WELD-ECC-1.5" X 1"
81570060	REDUCER-WELD-ECC-2" X 1"
81570026	REDUCER-WELD-ECC-2" X 1.5"
81570075	REDUCER-WELD-ECC-2.5" X 1.5"
81570027	REDUCER-WELD-ECC-2.5" X 2"
81570028	REDUCER-WELD-ECC-3" X 2"



81580239	REDUCER-2" THRD X 1.5" TC-CONC
81580049	REDUCER-3" THRD X 1.5" TC-CONC
81580038	REDUCER-ECC-2" BEV X 1.5" W/NUT
81560224	REDUCER-3" THRD X 2" BVL SEAT
81560244	REDUCER-2.5" THRD X 2" BVL SEAT
81580071	REDUCER-3" THRD X 2" TC



81560238	REDUCER -TC-2" X 1.5" - SHORT-CONC
81560362	REDUCER -TC-2.5" X 2" - SHORT-CONC
81560211	REDUCER -TC-3" X 2" - SHORT-CONC
81560361	REDUCER -TC-4" X 1.5" - SHORT-CONC
81560277	REDUCER -TC-4" X 3" - SHORT-CONC



81560360	REDUCER -TC- 2 X 1.5" - ECC - SHORT
81560289	REDUCER -TC- 3" X 2" - ECC - SHORT
81560281	REDUCER -TC- 4" X 2" - ECC - SHORT



81580060	REDUCER-3" BVL CAP X 2" THRD-ECC
81580231	REDUCER-3" BVL CAP X 2.5" THRD-ECC



81580052	REDUCER - 3" BVL X 2" THREAD - ECC
81580070	REDUCER - 3" BVL X 2" THREAD- CONC



81580038	REDUCER - 2" BVL X 1.5" W/NUT-ECC
81580234	REDUCER - 3" X 2" - W/NUT-CONC



81580087	REDUCER-3" TC X 2" THREAD
----------	---------------------------

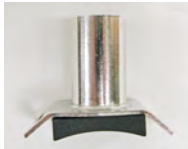


81580069	REDUCER - 3" BVL X 2" TC - ECC
81580214	REDUCER - 3" BVL X 1.5" TC - ECC



81580084	CAP PLAIN - 2" W/1.5" HOLE - ECC
81580058	CAP PLAIN - 3" W/2" HOLE - ECC
81560206	CAP PLAIN - 3" W/1.5" HOLE - ECC

MILKLINES, FITTINGS AND STAINLESS STEEL TUBE

	81750236	NIPPLE ONLY - CLAMP ON 1" W/FERRULE		81750028	CLOSURE-MILK INLET-RUBBER-3/4"
	81750017	NIPPLE ONLY - CLAMP ON - 1" OD		81750030	CLOSURE - TUBE - 9/16"OD - 1-1/8
	81750014 81750015 81750016 81750021	NIPPLE-CLAMP ON-3/4"OD-1-1/2"-3" NIPPLE-CLAMP ON-11/16"OD-1-1/2"-3" NIPPLE-CLAMP ON-7/8"OD-1-1/2"-3" NIPPLE-CLAMP ON-7/8"OD-2-1/2"-4"		81750000 81750001 81750003 81750002 81750161 38050704	NIPPLE-WELD ON -3/4" X 1-3/4" NIPPLE-WELD ON -7/8" X 1-3/4" NIPPLE-WELD ON -1" X 1-3/4" NIPPLE-WELD ON -7/8" X 4" NIPPLE-WELD ON -3/4" X 4" TUBE CONNECTOR - 5/8" ID - 2.5"
	81750159	NIPPLE-CLAMP ON-180 DEG-3/4"	* 3/4" OD SS = 5/8" ID • 7/8" OD SS = 3/4" ID		
	81750020	NIPPLE-CLAMP ON-PRPNDCLR-3/4"OD		81750168 81570048 81750107 81750148 81570051	ELBOW-WELD ON-3/4" X 45 DEGREE ELBOW-WELD ON-3/4" X 90 DEGREE 2" TANG ELBOW-WELD ON 3/4" X 135 DEGREE ELBOW-WELD ON-7/8" X 90 DEGREE ELBOW-WELD ON-7/8" X 90 DEGREE 2.5" TANG
	81750239 81750019 81750202 81750230	NIPPLE-CLAMP ON-PARALLEL-3/4"OD NIPPLE-CLAMP ON-PARALLEL-7/8"OD NIPPLE ONLY-PARALLEL LOW PROFILE - 7/8" NIPPLE ONLY - 7/8" X 45 DEGREES		81570071 81570076	ELBOW-WELD ON-7/8" X 45 DEGREE 1.5" & 3" TANG ELBOW-WELD ON 1" X 90 DEGREE 2.5" TANG
	81750239 81750019 81750202 81750230	NIPPLE-CLAMP ON-PARALLEL-3/4"OD NIPPLE-CLAMP ON-PARALLEL-7/8"OD NIPPLE ONLY-PARALLEL LOW PROFILE - 7/8" NIPPLE ONLY - 7/8" X 45 DEGREES		81750152 81750155 81750170	REDUCER - 3/4" OD X 7/8" OD - SS REDUCER - 3/4" OD X 1" OD - SS REDUCER - 7/8" OD X 1" OD - SS
	81750011 81750012 81750013 81750313 81750370	GASKET-NIPPLE-CLAMP ON 9/16"-3/4" GASKET-NIPPLE-CLAMP ON 5/8"LRG GASKET-NIPPLE-CLAMP ON 7/8" GASKET-NIPPLE-CLAMP ON 7/8-1"-WHITE GASKET-NIPPLE-CLAMP ON 3/4"		81750022 81750023 81750024 81750025 81750031 81750032	MILK VALVE - 1.5" W/SLIP COVER MILK VALVE - 2" W/SLIP COVER MILK VALVE - 2.5" W/SLIP COVER MILK VALVE - 3" W/SLIP COVER GASKET - SQUARE-MILK VALVE O RING-BLUE PLASTIC MILK VLV
	81750179 81750302	CAP-CLAMP ON BLANK INLETS - 1.5" - 3" CAP ONLY		81750026 81750027	ADAPTER-5/8" SLIDING MILK VLV ADAPTER-REVERSE-5/8"-MILK VLV
	81590133 81590134	CLAMP - 1.5" - 3" CLAMP - 4"		81750286	DC - MILK VALVE - 5/8"

NOTE* WE MAKE CUSTOM BUILT MILKLINES WITH WELDED INLETS.
81750193 - 3/4" • 81750192 - 7/8" • 8999997 - 1"
CALL FOR DETAILS!

MILK LINES, FITTINGS AND STAINLESS STEEL TUBE



81590041 HANGER-TUBING-1"
81590043 HANGER-TUBING-1.5"
81590045 HANGER-TUBING-2"
81590047 HANGER-TUBING-2.5"
81590048 HANGER-TUBING-3"
81590050 HANGER-TUBING-3.5"
81590051 HANGER-TUBING-4"
81590052 HANGER-TUBING-4.5"
81590109 HANGER-TUBING-6"



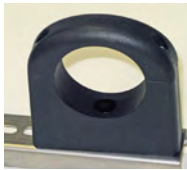
81590053 GROMMET - 1/8"
81590094 GROMMET - 1/4"
81590108 GROMMET - 3/8"



81590042 HANGER-TUBING-1" W/POLY COLLAR
81590044 HANGER-TUBING-1.5"-W/POLY COLLAR
81590046 HANGER-TUBING-2"-W/POLY COLLAR
81590075 HANGER-TUBING-2.5"-W/POLY COLLAR
81590049 HANGER-TUBING-3"-W/POLY COLLAR
81590076 HANGER-TUBING-4"-W/POLY COLLAR
81590123 HANGER-TUBING-6"-W/POLY COLLAR



81590101 POLY COLLAR-1" TUBING HANGER
81590077 POLY COLLAR-1.5" TUBING HANGER
81590054 POLY COLLAR-2" TUBING HANGER
81590078 POLY COLLAR-2.5" TUBING HANGER
81590055 POLY COLLAR-3" TUBING HANGER
81590079 POLY COLLAR-4" TUBING HANGER
81590124 POLY COLLAR-4.5" TUBING HANGER



39650102 BRACKET-NYLON-1.5"(38MM) SS TUBING
39650103 BRACKET-NYLON-1.625"(40MM)
SS TUBING
39650104 BRACKET-NYLON-2"(51MM) SS TUBING
39650105 BRACKET-NYLON-2.5"(63MM) SS TUBING
39650106 BRACKET-NYLON-3"(76MM) SS TUBING



39800419 BRACKET - RAM MOUNT - SS



81590026 HANGER-MOUNTING-1.5" SS
81590027 HANGER-MOUNTING-2" SS
81590028 HANGER-MOUNTING-2.5" SS
81590030 HANGER-MOUNTING-3" SS
81590031 HANGER-MOUNTING-4" SS
81590080 HANGER-MOUNTING-1.5" PVC
81590081 HANGER-MOUNTING-2" PVC
81590029 HANGER-MOUNTING-3" PVC
81590082 HANGER-MOUNTING-4" PVC
81590083 RAIL-HD CLAMP



MOUNTING-16"
81590084 RAIL-HD CLAMP
MOUNTING-24"
81590032 RAIL-HD CLAMP
MOUNTING-48"



81590014 SLIDING BRACKET - 12" - SS
81590015 SLIDING BRACKET - 24" - SS



81590022 BRACKET - BACK PLATE ONLY - SS



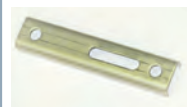
39800848 FLANGE - DELIVERY LINE
-5/8"



81590016 C-CLAMP - 1.5"
81590017 C-CLAMP - 2"
81590018 C-CLAMP - 2.5"
81590019 C-CLAMP - 3"
81590096 C-CLAMP - 4"
81590024 BOLT & NUT - 3/8" X 2"



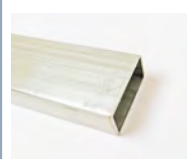
81550104 ROD - 5/8" - 304 SS - PER FT
81550107 ROD - 3/4" - 304 SS - PER FT



81590020 BRACKET - SINGLE MOUNTING - SS
81590021 BRACKET - DOUBLE MOUNTING - SS



81550105 UNISTRUT
DEEP CHANNEL - 10' - SS



81550100 TUBING - RECT - 1" X 2" - 304 SS
81550101 TUBING - SQUARE - 1" X 1" - 304
SS

MILKLINES, FITTINGS AND STAINLESS STEEL TUBE

Hangers



81590035	HANGER - U - ONLY	81590038	CLAMP-HOSE-SS-2" (H36-SS)
81590036	HANGER - EXTENDED U - ONLY	81590039	CLAMP-HOSE-SS-3-5/16" TO 4"
		81590040	CLAMP-HOSE-SS-1-5/8" MIN 3-1/4
81590089	HANGER - U - 1.5"-2" - KIT	81590037	CLIP - L HANGER
81590090	HANGER - U - 2"-3" - KIT		
81590091	HANGER-EXT U- 1.5"-2" - KIT	81590114	HANGER - U - WIDE - ONLY
81590092	HANGER-EXT U- 2"-3" - KIT		
81590034	HANGER - L - ONLY		
81590087	HANGER - L - 1.5"-2" - ASSMB		
81590088	HANGER - L - 2"-3" - ASSMB		

Wall Flange

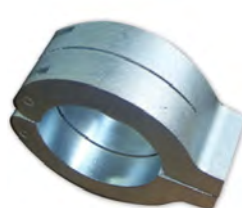


81590099	FLANGE-WALL-SS-1" TUBING
81590056	FLANGE-WALL-SS-1.5" TUBING
81590057	FLANGE-WALL-SS-2" TUBING
81590058	FLANGE-WALL-SS-2.5" TUBING
81590059	FLANGE-WALL-SS-3" PVC
81590060	FLANGE-WALL-SS-3" TUBING
81590061	FLANGE-WALL-SS-4" TUBING

Tools



81710235	TUBING EXPANDER - 1"
81710226	TUBING EXPANDER - 1.5"
81710227	TUBING EXPANDER - 2"
81710236	TUBING EXPANDER - 2.5"
81710238	TUBING EXPANDER - 3"



81710241	SAWING VISE - 1"
81710228	SAWING VISE - 1.5"
81710229	SAWING VISE - 2"
81710240	SAWING VISE - 2.5"
81710043	SAWING VISE - 3"



81710200	WRENCH - DOUBLE END 2" X 1.5"
81710201	WRENCH - DOUBLE END 3" X 2"



81710046	WRENCH CHEMICAL DRUM
----------	----------------------



81710202	WRENCH - SINGLE END - 1.5"
81710203	WRENCH - SINGLE END - 2"
81710204	WRENCH - SINGLE END - 2.5"
81710205	WRENCH - SINGLE END - 3"
81710208	WRENCH - SINGLE END - 4"



81710281	WRENCH - 70MM BECKSON
----------	-----------------------

MILKLINES, FITTINGS AND STAINLESS STEEL TUBE

NOTES

Lined area for notes, consisting of multiple horizontal blue lines.



MILKHOUSE
MILKHOUSE

MILKHOUSE

MILKHOUSE

FOR ALMOST 30 YEARS, PRO REFRIGERATION HAS BEEN LEADING THE CHARGE IN MILK COOLING.

One thing that Pro understands is that with, or without, cooling, the cows are going to get milked. The need for a quality milk cooling system is even more critical because you only have one opportunity to cool the milk. The cooling system has to be reliable and do the job it was designed to do.

81500066 PLATE COOLER SINGLE - T4-21 - PLT-SS
 81500067 PLATE COOLER SINGLE - T4-31 - PLT-SS
 81500068 PLATE COOLER DUAL - T4-51 - PLT-SS
 81500069 PLATE COOLER DUAL - T4-61 - PLT-SS
 81500070 PLATE COOLER DUAL - T8-45 - PLT-SS
 81500071 PLATE COOLER DUAL - T8-61 - PLT-SS
 81500072 PLATE COOLER DUAL - T8-81 - PLT-SS
 81500073 PLATE COOLER DUAL - T8-101 - PLT-SS
 81500074 PLATE COOLER DUAL - T13-61 - PLT-SS
 81500075 PLATE COOLER DUAL - T13-81 - PLT-SS

81500076 PLATE COOLER SINGLE - T4-21 - PLT-PNT
 81500077 PLATE COOLER SINGLE - T4-31 - PLT-PNT
 81500078 PLATE COOLER DUAL - T4-51 - PLT-PNT
 81500079 PLATE COOLER DUAL - T4-61 - PLT-PNT
 81500080 PLATE COOLER DUAL - T8-45 - PLT-PNT
 81500081 PLATE COOLER DUAL - T8-61 - PLT-PNT
 81500082 PLATE COOLER DUAL - T8-81 - PLT-PNT
 81500083 PLATE COOLER DUAL - T8-101 - PLT-PNT
 81500084 PLATE COOLER DUAL - T13-61 - PLT-PNT
 81500085 PLATE COOLER DUAL - T13-81 - PLT-PNT



PLATE COOLER CHART				
WATER TEMP°F	WATER MILK FLOW RATE			MAX MILK FLOW
	1/2:1	1:1	2:1	
	T4CH-21 SINGLE PASS Expected Milk Temp			
50°F	80°F	73°F	63°F	800 LBS/HR - 1.5 GPM 5.6 LITERS/MIN .05 PSI DROP Weight - 80 lbs
60°F	84°F	78°F	70°F	
70°F	88°F	83°F	78°F	
35 F GLYCOL			58°F	
	T4CH-31 SINGLE PASS Expected Milk Temp			
50°F	79°F	71°F	61°F	1000 LBS/HR - 1.9 GPM 7.1 LITERS/MIN .04 PSI DROP Weight - 90 lbs
60°F	83°F	76°F	69°F	
70°F	87°F	83°F	77°F	
35 F GLYCOL			54°F	
	T4CH-51 DUAL PASS Expected MilkTemp			
50°F	75°F	64°F	57°F	1500 LBS/HR - 2.9 GPM 10.9 LITERS/MIN .19 PSI DROP Weight - 100 lbs
60°F	80°F	71°F	66°	
70°F	85°F	78°F	75°F	
35 F GLYCOL			48°F	
	T4CH-61 DUAL PASS Expected Milk Temp			
50°F	76°F	67°F	60°F	1800 LBS/HR - 3.4 GPM 12.8 LITERS/MIN .21 PSI DROP Weight - 110 lbs
60°F	81°F	73°F	68°F	
70°F	86°F	69°F	76°F	
35 F GLYCOL			47°F	
	T8CH-45 DUAL PASS Expected Milk Temp			
50°F	76°F	65°F	58°F	220 LBS/HR - 4.2 GPM 15.8 LITERS/MIN .31 PSI DROP Weight - 232 lbs
60°	81°F	72°F	67°F	
70°F	86°F	79°F	76°F	
35 F GLYCOL			54°F	

PLATE COOLER CHART				
WATER TEMP°F	WATER MILK FLOW RATE			MAX MILK FLOW
	1/2:1	1:1	2:1	
	T8CH-61 DUAL PASS Expected Milk Temp			
50°F	75°F	63°F	56°F	2500 LBS/HR - 4.8 GPM 18.1 LITERS/MIN .24 PSI DROP Weight - 250 lbs
60°F	80°F	71°F	65°F	
70°F	85°F	78°F	74°F	
35 F GLYCOL			44°F	
	T8CH-81 DUAL PASS Expected Milk Temp			
50°F	76°F	64°F	58°F	2800 LBS/HR - 5.4 GPM 20.4 LITERS/MIN .20 PSI DROP Weight - 265 lbs
60°F	81°F	72°F	67°F	
70°F	86°F	79°F	76°F	
35 F GLYCOL			42°F	
	T8CH-101 DUAL PASS Expected MilkTemp			
50°F	76°F	63°F	57°F	3100 LBS/HR - 6 GPM 23 LITERS/MIN .19 PSI DROP Weight - 290 lbs
60°F	80°F	71°F	66°	
70°F	86°F	77°F	76°F	
35 F GLYCOL			41°F	
	T13CH-61 DUAL PASS Expected Milk Temp			
50°F	76°F	63°F	58°F	3600 LBS/HR - 6.96 GPM 26.37 LITERS/MIN .19 PSI DROP Weight - 430 lbs
60°F	81°F	70°F	67°F	
70°F	87°F	78°F	65°F	
35 F GLYCOL			41°F	
	T13CH-81 DUAL PASS Expected Milk Temp			
50°F	76°F	65°F	58°F	5000 LBS/HR - 9.67 GPM 36.60 LITERS/MIN .21 PSI DROP Weight - 460 lbs
60°	80°F	71°F	66°F	
70°F	85°F	77°F	64°F	
35 F GLYCOL			41°F	

MILKHOUSE**PLATE COOLER - CHILL DATA SHEET**

JOB NAME: _____

CONTACT: _____

PHONE: _____

EMAIL: _____

OBJECTIVE

- 1 PRE-COOL MILK with WELL WATER ONLY
- 2 PRE-COOL with WELL WATER and CHILL MILK with CHILLER
- 3 CHILL MILK with CHILLER ONLY (no well water pre-cooling)

NEEDED INFORMATON - PER OBJECTIVE

- 1, 2, 3 _____ Average Pounds of Milk Per Hour
- 1, 2, 3 _____ Peak Flow of Milk Per Hour (High Pen)
- 1, 2, 3 _____ Constant Flow or Intermittent Flow
- 1, 2 _____ Well Water Temperature
- 1, 2, 3 _____ Amountof Water Available to Pre-Cool (2:1, 1:1, or no water to pre-cool)

Available Voltage

- 2, 3 _____ Single Phase
- 2, 3 _____ Three Phase (230, 460)
- 2, 3 _____ Will you have cooling on your storage tank? (Y/N)
- 2, 3 _____ If so how much? (total horse power per tank)

COMMENTS:**EMAIL TO: ordersusa@waikatomilking.com or fax to 608-497-3072**

Plate Coolers



Part No.	Description	No. Plates	Weight	Milk cooled/hr	Water required/hr
Single pass, milk cooled to within 7 degrees F. of water temperature.*					
81500010	MINI 31	31	89	502 gal (1900 L)	1439 gal (5450 L)
81500011	MINI 55	55	106	964 gal (3650 L)	2892 gal (7250 L)
Double pass, milk cooled to within 5 degrees F. of water temperature.*					
81500006	MINI 2X 58	58	116	499 gal (1890 L)	1495 gal (5660 L)

*Based upon 3 gallons of water flow to 1 gallon of milk flow.

Mini Coolers have 1" NPT water inlets, 1.5" Ferruled milk inlets, and are 26" high X 8" wide (depth varies with the number of plates). End plates are approximately 5/8" thick. Coolers come with wall-mounting bracket.



- 81500007 PLATE COOLER-M400 (30 PLATES)
- 81500008 PLATE COOLER-M600 (42 PLATES)
- 81500009 PLATE COOLER-M800 (54 PLATES)



- 81500045 VALVE-DIAPHRAGM-3/4" - 120V
- 81500031 VALVE-DIAPHRAGM-3/4"-240V
- 81500032 VALVE-DIAPHRAGM-1"-240V
- 81500038 VALVE-DIAPHRAGM-1"-120V
- 81500052 VALVE-DIAPHRAGM-1.5"-120V
- 81500053 VALVE-BRASS - 1/4" N/O 120V



- 81500042 REBUILD KIT-1" VALVE-418P
- 81500043 COIL - 120V-1" 418 VALVE
- 81500044 COIL - 240V-1" 418 VALVE
- 81510109 REPAIR KIT - VALVE - 474P
- 81510110 REPAIR KIT - 3/4" VALVE - 476P
- 81500050 COIL - 120V-3/4"- 476 VALVE
- 81510108 COIL - 240V-3/4" - 476 P VALVE



- 81500014 PLATE W/GASKET-PLATE COOLER-SK*
- *Fits many similar sized plate coolers-BM-DV-DX Coburn-Schlueter



- 81560159 GASKET - CLAMP - SCREEN - 1.5"
- 81560160 GASKET - CLAMP - SCREEN - 2 "
- 81560161 GASKET - CLAMP - SCREEN - 2.5"
- 81560162 GASKET - CLAMP - SCREEN - 3 "



- 81500003 GASKET-PLATE COOLER-SKELLERUP*
- 81500041 ADHESIVE-PLATE COOLER-PLATES
- *Fits many similar sized plate coolers-BM-DV-DX Coburn-Schlueter



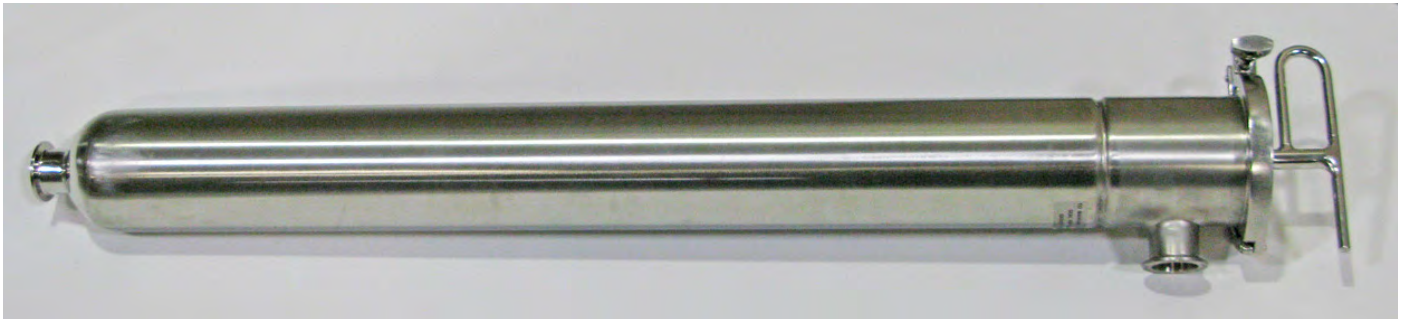
- 81560196 GASKET - PERF DISC - 1.5"
- 81560197 GASKET - PERF DISC - 2.0"
- 81560198 GASKET - PERF DISC - 2.5"
- 81560199 GASKET - PERF DISC - 3.0"
- 81560200 GASKET - PERF DISC - 4.0"



- 81500036 GROMMET-MILK INLET- EXACTA
- 81500037 GROMMET-WATER INLET-EXACTA



- 81500005 GROMMET-PLATE COOLER-SKELLERUP



Filter Assembly for Socks

81250000	STRAINER-17" X 1.5" SIDE-SOLID
81250002	STRAINER-33-1/2" X 1.5" SIDE-SOLID
81250004	STRAINER-33-1/2" X 2" SIDE-SOLID

Filter Assembly for Tubes*

81250001	STRAINER-33-1/2" X 1.5" SIDE-OPEN
81250003	STRAINER-33-1/2" X 2" SIDE-OPEN

*NOT NORMALLY STOCKED



81250025	O-RING W/TABS-4-7/8" FIL-TERS
81250019	O-RING FILTER SEAL-4-7/8" SD STRAINER
81250061	O-RING W/TABS-4-7/8" HD
81250057	O-RING - FILTER SEAL 3" X 23.5" STRAINER



81250054	GASKET-WHITE-2-1/4" SD STRAINER
81250055	GASKET-WHITE-3" SD STRAINER
81250016	GASKET-WHITE-4-7/8" SD STRAINER
81220031	SURGE FILTER - 1-1/2" GASKET



81250021	O-RING SEAL - 4-7/8" LIBERTY FILTER
----------	-------------------------------------



81250048	RETAINER -TOP - DELAVAL SMOOTH - 4"
81250029	RETAINER - TOP - RIBBED - 4"



81250026	PLUG - 3-EAR - 4-7/8" SD STRAINER-TSC
----------	---------------------------------------



81250027	PLUG-RUBBER-3-EAR RIBBED-IN LINE
----------	----------------------------------



81690085	COIL & RETNR - 12" - PERFECT FIT-TC
81690086	COIL & RETNR - 24" - PERFECT FIT-TC*
81690087	COIL & RETNR - 24" - PERFECT FIT SURGE
81250047	RETAINER - SURGE - PERFECT FIT
81690086	COIL/RETAINER - 24" TC - PERFECT FIT

*Shown



81250043	GASKET - RETAINER - DV/BM
81250044	GASKET-RETAINER-IN LINE TRI-CLAMP



81250050	SPRING - 12" S.S. - STRAINER
81250051	SPRING - 24" S.S. - STRAINER
81250042	COIL & RETNR - 24" - TRI-CLAMP



81250008 STRAINER-2-1/4" X 24"-SIDE DIS
81250009 STRAINER-3" X 23-1/2"-SIDE DIS



81250017 HEAD-FILTER-2-1/4" SD STRAINER
81250018 HEAD-FILTER-3" SD STRAINER



81250020 O RING-FILTER- 2-1/4" SD STRAINER
81250023 O RING-LARGE DIAM-3" X 23-1/2" *
81250024 O RING-SMALL DIAM-3" X 23-1/2" **

*Fits BM filter frame

**Fits Rodgers filter frame



81250030 SPRING-FILTER-2-1/4" SD STRAINER
81250031 SPRING-FILTER-3" X 23-1/2" STRAINER



81250014 GASKET-WHITE RUBBER-2-1/4" SD STRAINER
81250015 GASKET-WHITE RUBBER-3" SD STRAINER

Milk Samplers



81700191 E-Z SAMPLER - 5/8" AND 3/4" INLETS
81700295 SAMPLER BOTTLE



81750198 SAMPLE DIPPER-4 OZ - SS - 16"
81750241 SAMPLE DIPPER-4 OZ - SS - 40"



81700277 ELBOW - SAMPLER - 1.5" W/NUT
81700278 ELBOW - SAMPLER - 2" W/NUT
81700279 ELBOW - SAMPLER - 2.5" W/NUT
81700280 ELBOW - SAMPLER - 3" W/NUT



81580235 ADAPTER - 2" TC X 1" THRD
81580005 NUT - 1"- SS



81700281 SAMPLER - ASEPTIC BLACK - 7 PORT
81700306 SAMPLER - ASEPTIC BLACK CASE 100



81700283 BAG SAMPLING - 250 ML COMPOSITE
81700284 BAG SAMPLING - 2 L COMPOSITE



81700282 SAMPLER - ASEPTIC WHITE - 7 PORT

MILKHOUSE

Ken Ag Filters



81690015	D576 SOCK-2" X 24"-BREAK PROOF
81690016	D979 SOCK-2-1/4" X 12"-BREAK PROOF
81690017	D577 SOCK-2-1/4" X 24"-BREAK PROOF
81690018	D572 SOCK-3" X 23-3/8"-BREAK PROOF
81690019	D548 SOCK-4-7/8" X 33-1/2"-BREAK PROOF
81690020	D546 SOCK-4-7/8" X 17"-BREAK PROOF
81690098	D549 SOCK-4-7/8" X 36"-BREAK PROOF
81690024	D588 SOCK-2" X 24"-ULTRA FLOW
81690025	D590 SOCK-2-1/2" X 24"-ULTRA FLOW
81690026	D584 SOCK-2-1/4" X 12"-ULTRA FLOW
81690027	D589 SOCK-2-1/4" X 24"-ULTRA FLOW
81690028	D591 SOCK-2-3/4" X 23-1/2"-ULTRA FLOW
81690021	D538 TUBE-4-7/8" X 33-1/2"-BREAK PROOF
81690022	D547 TUBE-4-7/8" X 17"-BREAK PROOF
81690023	D539 TUBE-4-7/8" X 36"-BREAK PROOF
81690093	D534 TUBE-6" X 26" - BREAK PROOF
81690014	D110 FILTER-DISKS-NON-GAUZE-6-1/2"
81690031	D568 SOCK-2-1/4" X 24" - LOW PRESSURE

Tuffy Filters



81690002	SLEEVE- 3-5/16" X 22-1/4"	81690012	SOCK- 4-7/8" X 28"-CASE
81690003	SLEEVE- 4-7/8" X 17"	81690013	SOCK- 4-7/8" X 33-1/2"-CASE
81690004	SLEEVE- 4-7/8" X 33-1/2"		
81690005	SLEEVE- 4-7/8" X 36"	81690060	SOCK - 24" PERFECT FIT-CASE
81690006	SOCK - 2" X 24"-CASE	81690096	DISC-4-9/16" FILTER CLEAN
81690007	SOCK - 2.75" X 23.5"-CASE	81690001	DISC-6.5" FILTER CLEAN
81690091	SOCK-2-1/4" X 6"-CASE	81690097	DISC-9.5" FILTER CLEAN
81690092	SOCK-2-1/4" X 6-1/2"-CASE	81690107	DISC-12.5" FILTER CLEAN
81690008	SOCK- 2-1/4" X 12"-CASE	81690000	DISC-15" FILTER CLEAN
81690009	SOCK- 2-1/4" X 24"-CASE		
81690090	SOCK- 2-3/16" X 24"-CASE		
81690010	SOCK- 3" X 23-1/2"-CASE		
81690011	SOCK- 4-7/8" X 17"-CASE		

Milk Check Filters



81690032	SOCK - 2" X 24" MILK CHECK
81690033	SOCK - 2-1/4" X 12" MILK CHECK
81690034	SOCK - 2-1/4" X 24" MILK CHECK
81690094	SOCK - 4-7/8" X 17" MILK CHECK
81690036	SOCK - 4-7/8" X 33-1/2" MILK CHECK
81690037	TUBE - 4-7/8" X 17" MILK CHECK
81690038	TUBE - 4-7/8" X 36" MILK CHECK

Dairy Source Filters



81690118	SOCK-4-7/8" X 33-1/2"- DS-9 X 100CT
81690119	SOCK-2-1/4" X 24" - DS-6X100CT
81690120	SOCK-3" X 23-1/2" - DS-6X100CT
81690121	TUBE-230MM X 850MM DS-5X100 CASE

Waikato Filters



39650821	SOCK-FILTER - 75 X 610MM
39650822	SOCK-FILTER - 100 X 610MM
39650824	SOCK-FILTER - 100 X 760MM
39650827	SOCK-FILTER - 150 X 760MM
39650982	SOCK-FILTER - 150 X 830MM
39800957	SLEEVE-FILTER - MAXI-230 X 850MM

Dispensers



The Waikato Maxi filter dispenser fits the large MaxiFilter socks and tubes. It features a spring-loaded access door and has a hinged cover. All hinges are made of stainless steel.

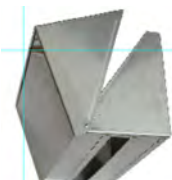
39650912CMP HOLDER-FILTER SOCK-MAXI



81680034 DISPENSER-SOCK-2-1/4" X 24"
HORIZONTAL - SS



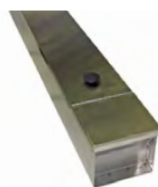
81680033 DISPENSER-SOCK-2-1/4" X 24"
VERTICAL - SS



81680009 DISPENSER - BIFOLD-SS



81680027 RACK - CHART W/PEN HOLDER - SS



81680015 CABINET - FILTER - SS - 4-7/8" X 36"
81680016 DISPENSER-24" MULTI SIZE-SS
81680031 DISPENSER - SS - 4-7/8" X 17"



81680021 DISPENSER-SOCK-4-7/8" X 36" SS*
81680022 DISPENSER-SOCK-3" X 24" SS*

*These cabinets have hinged front covers.



81680023 DISPENSER - FRONTLOAD
PWDR CTD

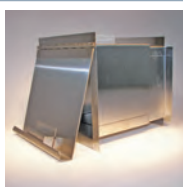


81680025 DISPENSER - HD FRONTLOAD - SS



81680028 DISPENSER BOX - MILKING GLOVE
STAINLESS STEEL

Hose Chutes



81680019 HOSE CHUTE - 5-9" - STAINLESS
81680020 HOSE CHUTE - 9-13" - STAINLESS
81680030 INSIDE DOOR FOR HOSE CHUTE



81680045 STAINLESS STEEL BARN DESK



Sunset Bulk Tank Washer

- 81510092 KIT - MOTOR AND DRAIN ASSEMBLY - 1 HP
 81510064 PUMP HEAD WITHOUT MOTOR - 1 HP
 81510091 PUMP HEAD WITHOUT MOTOR - 1/2 HP



- 81510071 SPINNER ASSMB - NYLON - SUNSET*
 81510072 SPINNER-SQUARE PLASTIC-5/8"-SUN-
 SET
 81510036 SPINNER ASSEMBLY - W/HOSE
 *Shown



- 81510053 IMPELLER - 1 HP
 81510054 IMPELLER - .5 HP



- 81750131 TIMER-SOLID STATE-110/230V-SUN-
 SET
 81750167 TIMER-DIGITAL-MUELLER
 81510097 TIMER - WASH-DARIKOOL RETROFIT
 81750138 TIMER - AGITATOR - DIGITAL
 81510146 BOARD RETROFIT
 MUELLER - HI PERFORM



- 81580050 ELBOW - 1.5" BVL - W/NUT
 81580066 ELBOW - 2" BVL - W/NUT
 81580085 ELBOW - 3" BVL - W/NUT



- 81510032 COUPLING-QUICK DISCONNECT-1/2"
 81510033 COUPLING-QUICK DISCONNECT-3/4"
 81510147 PLUG - 3/4" - CAMLOCK
 81510148 CAP - 3/4" - CAMLOCK



- 81750163 REDUCER - 2" BVL X 1.5" THREAD
 PLASTIC
 81750169 REDUCER - 3" BVL X 2" THREAD
 PLASTIC



- 81590110 ADAPTER - TYGON - 1-1/2" BVL
 81590001 ADAPTER - TYGON - 2" BVL
 81580062 ADAPTER - TYGON - 2-1/2" BVL
 81580095 ADAPTER - TYGON - 3" BVL



- 81510051 HOUSING - 1/2 HP
 81510052 HOUSING - 1 HP
 81510042 GASKET - 1/2 HP
 81510083 GASKET - 1 HP
 90059057 ADAPTER - HOSE - 1/2" M X 3/4"
 HOSE



- 81510087 SEAL - SHAFT - SUNSET
 81510029 COLLAR - MOTOR SHAFT
 W/SET SCREW
 81510066 SEAL ASSEMBLY - MUELLER
 81510106 SEAL - SS PUMP - DM3



- 81510011 BACKPLATE - 1 HP - SUNSET



- 81510007 ADAPTER - STRAIGHT 1.5" X 1"
 81510008 ADAPTER - STRAIGHT 1.5"
 81510009 ADAPTER - STRAIGHT 2" X 1.5"
 81580099 ADAPTER - 2" X 1.5" - SS



- 81510002 ADAPTER-SS-TANK-2" X 1.5" LEFT*
 81510003 ADAPTER-SS-TANK-2" X 1.5" RIGHT
 81580061 ELBOW - 3" BVL X 2" WELD - LEFT

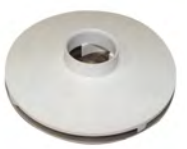
*SHOWN



- 81510057 ADAPTER-OUTLET-90 DEGREE
 1.5" SUNSET
 81510058 ADAPTER-OUTLET-CURVED
 1.5" X 1"



- 81510034 ELBOW-2"BVL X 1-1/2" TC - RT ECC
 81510105 ELBOW-2"BVL X 1-1/2" TC - LF ECC
 81560233 ELBOW-2"BVL X 1" TC - CONC
 81560262 ELBOW-3"BVL X 1-1/2" TC - CONC
 81580065 ELBOW-3"BVL X 2" TC - CONC
 81580215 ELBOW-3"BVL X 2-1/2" TC - ECC

	81510068 DRIP DIVERTER/AGITATOR SHIELD 1.5" - 3" 81510158 SHAFT SHIELD - 3/4" 81510159 SHAFT SHIELD - 7/8" 81510134 SHAFT SHIELD - 1" 81510113 SHAFT SHIELD - 1.25"		81510119 COVER - BULK TANK - 7" W/1.5" HOLE
	81510019 CAP - 1.5" ID - MUELLER 81510117 CAP - 2" ID - MUELLER 81510112 CAP - 2" W/3/8" HOLE 81510128 CAP - 2" W/3/4" OFFSET HOLE 81510140 CAP - 3" ID - MUELLER		81510095 DIAPHRAGM - DRAIN VALVE - DARIKOOL 81510096 PLUNGER - RUBBER - DRAIN VALVE DARIKOOL
	81510080 VENT ASSEMBLY MUELLER / SUNSET 81510160 PLASTIC SCREEN 81510130 BLANK COVER		81510061 PLUG - TANK COVER - 1.5" 81510090 PLUG - TANK COVER - 2"
	81510068 DRIP DIVERTER/AGITATOR SHIELD 1.5" - 3"		81510085 IMPELLER - MUELLER - 1/2 HP 81510086 IMPELLER - MUELLER - 3/4 HP 81510084 IMPELLER - MUELLER - 1-1/2 HP 81510066 SEAL ASSEMBLY - MUELLER 81510043 GASKET - PUMP - MUELLER
	81510069 AGITATOR SHIELD - 1.5"		81750200 GASKET - LID - BULK TANK MUELLER-BM-DKSUNSET 81510098 GASKET - LID - BULK TANK NEWER STYLE - ZERO
	81510074 TAPERED INLET - RUBBER		81510037 DRAIN VALVE - MUELLER STYLE 81510137 ORIFICE - MUELLER - 1.6 GPM 81510138 ORIFICE - MUELLER - 2.0 GPM
	81510035 DIAPHRAGM-DRAIN VALVE-MUELLER		81510149 WRENCH SET
	81510062 PLUG-DRAIN VALVE-1.5"-MUELLER 81510063 PLUG-DRAIN VALVE-2"-MUELLER		81510132 ADAPTER - MUELLER - WASHER 1-1/2" X 2" 81510133 ADAPTER - MUELLER - WASHER 2" X 2"
	81510114 SLEEVE - MUELLER-1.5" 81510070 SLEEVE - MUELLER - 2"		81510101 O RING - DETERGENT - JAR MUELLER

MILKHOUSE



- 81520010 RECORDER - CHART
7 DAY - 50' PROBE
- 81520011 RECORDER - CHART
DUAL PEN/ DUAL PROBE
- 81520008 PROBE - CHART RECORDER - 25 FT
- 81520009 PROBE - CHART RECORDER - 50 FT



- 81520005 PEN - GREEN - 5 PK
- 81520006 PEN - RED - 5 PK



- 81510075 THERMOMETER-2" DIAL-1/4" NPT
- 81560236 CAP - THERMOMETER-2" TC X 1/4" NPT
- 81750043 INLET - CLAMP-ON - 1/4" NPT



- 81750185 THERMOWELL - 1.5" TC
- 81750186 THERMOWELL - 2" TC
- 81750223 THERMOWELL - 2.5" TC
- 81750281 THERMOWELL - 1.5" TC-W/1/4" THRD
- 81750300 THERMOWELL - 2" TC-W/1/4" THRD



- 81750276 THERMOWELL
W/1/2" NPT COUPLING - 1-1/2"
- 81750277 THERMOWELL
W/1/2" NPT COUPLING - 2"



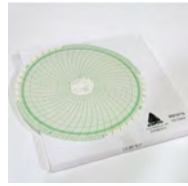
- 81620007 VALVE - NUT/THREAD - 1-1/2"
- 81620000 VALVE - NUT/THREAD - 2"
- 81620003 VALVE - NUT/THREAD - 3"



- 81580005 HEX NUT - SS - 1"
- 81580006 HEX NUT - SS - 1.5"
- 81580007 HEX NUT - SS - 2"
- 81580008 HEX NUT - SS - 2.5"
- 81580009 HEX NUT - SS - 3"
- 81580011 HEX NUT - SS - 4"



- 81580000 CAP-PLAIN-SS-1"
- 81580001 CAP-PLAIN-SS-1.5"
- 81580002 CAP-PLAIN-SS-2"
- 81580003 CAP-PLAIN-SS-2.5"
- 81580004 CAP-PLAIN-SS-3"



- 81520001 CHART - 24 HR - FAHRENHEIT
- 81520002 CHART - 48 HR - FAHRENHEIT
- 81520014 CHART - 72 HR - FAHRENHEIT
- 81520003 CHART - 7-DAY - FAHRENHEIT
- 81520013 CHART - 48 HR - FAHRENHEIT
PRESSURE SENSITIVE



- 81510076 THERMOMETER-LARGE
(OLD STYLE*)

*Fits DK, Mueller, Sunset and others



- 81510077 THERMOMETER - POCKET - 1" DIAL



- 81600014 VALVE - BREAKAWAY BFV - 1.5"
- 81600015 VALVE - BREAKAWAY BFV - 2"
- 81600016 INSERT-RUBBER-1.5" BREAKAWAY VLV
- 81600017 INSERT-RUBBER-2" BREAKAWAY VLV



- SPACE SAVER VALVES
- 81600103 VALVE - BUTTERFLY - 1.5" SPACESAVER
- 81600104 VALVE - BUTTERFLY - 2.0" SPACESAVER
- 81600105 VALVE - BUTTERFLY - 2.5" SPACESAVER
- 81600106 VALVE - BUTTERFLY - 3.0" SPACESAVER
- 81600107 VALVE - BUTTERFLY - 4.0" SPACESAVER



- 81620011 VALVE - CLAMP/THREAD - 1-1/2"
- 81620001 VALVE - CLAMP/THREAD - 2"
- 81620002 VALVE - CLAMP/THREAD - 2.5"
- 81620004 VALVE - CLAMP/THREAD - 3"
- 81620028 VALVE - SURGE/THREAD - 2" - BFV
- 81620006 VALVE - SURGE/THREAD - 2" TEE STYLE



- 81580060 REDUCER-3"BVL CAP X 2" THRD-ECC



- 81620008 O RING - 1.5" DISK-VALVE-MUELLER
- 81620009 O RING - 2" DISK-VALVE-MUELLER
- 81620021 O RING - HANDLE-ANGLED VALVE
- 81620020 SEAT -2" ANGLED VALVE

Washer Parts



81510079 VALVE-WATER-DUAL-110V
81750125 VALVE-WATER-DUAL-220V
81510135 VALVE-WATER-DUAL-220V - MUELLER



81750071 VALVE-WATER-SINGLE-110V
81750353 VALVE-WATER-SINGLE-220V
81750094 VALVE-WATER-110V - HIGH VOLUME
81750214 VALVE-WATER-220V - MUELLER
81750263 SCREEN ONLY
81750050 SCREEN GASKET



81750083 MIXING VALVE - BENDER-HIGH CAPACITY



81750081 REPAIR KIT-WATER VALVE
81750082 REPAIR KIT-WATER VALVE-HIGH VOLUME
81510055 REPAIR KIT-SUNSET-DRAIN VALVE



81710018 HOSE-WATER-2 FT-F/M X F/M X ST
81710019 HOSE-WATER-3 FT-F/M X F/M X ST
81710020 HOSE-WATER-4 FT-F/M X F/M X ST
81710021 HOSE-WATER-6 FT-F/M X F/M X ST



81750089 JAR-8500/9400 APLW - BENDER
81750372 JAR WASHER - BLUE BENDER 8500



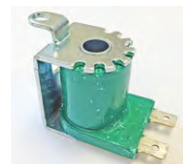
81710209 TAPPER - MILK - 1-1/2" S.S.
81710210 TAPPER - MILK - 2" S.S.
81750361 TAPPER - MILK - 3" S.S.
81710359 TAPPER - MILK - 4" S.S.



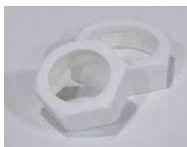
81750088 CAP - DET JAR - 8500/9400 - BENDER
81750118 TOP ASSEMBLY - ACID JAR BENDER



81510023 CAP-THREADED-1.5"-W/CHAIN
81510025 CAP - THREADED - 2" - W/CHAIN
81510093 CAP - THREADED - 2.5" - W/CHAIN
81510027 CAP - THREADED - 3" - W/CHAIN
81510165 CAP - THREADED - 4" - W/CHAIN



81510028 COIL - WATER VALVE - 110V
81510088 COIL - WATER VALVE - 24VAC
81750132 COIL - WATER VALVE - 220V
81510099 COIL - WATER VALVE - 24VDC
81750354 COIL - WATER VALVE - 240V HD
81750355 COIL - WATER VALVE - 120V HD



81510047 HEX NUT-PLASTIC 1.5"
81510048 HEX NUT-PLASTIC 2"



81510038 DUST COVER - PLASTIC - 1.5"
81510039 DUST COVER - PLASTIC - 2"



81510022 CAP-THREADED-1.5"-BULK TANK WASH
81510024 CAP-THREADED-2"-BULK TANK WASH
81510026 CAP-THREADED-3"-BULK TANK WASH



81510020 CAP-LOCKING - 1.5" OUTLET VALVE
81510021 CAP-LOCKING - 2" OUTLET VALVE

MILKHOUSE



81650066 VALVE-2" MDV-110V-NRML OPEN
 81650068 VALVE-2" MDV-220V-NRML OPEN
 81650070 VALVE-2" MDV-24V-NRML CLSD
 81650071 VALVE-2" MDV-24V-NRML OPEN



81650075 COIL - 24V - 50/60HZ - MDV
 81650076 COIL - 115V - 60 HZ - MDV



81650077 COUPLING-1.5" RUBBER/SS-SINK DRAIN



81750218 TIMER - DX/BM - DIGITAL- 115V/230V
 81750219 TIMER - SAFEGARD/WASHMASTER DIGITAL



81750142 VALVE-DRAIN-110V - SUNSET
 81750141 VALVE-DRAIN-220V - SUNSET
 81750129 COIL-DRAIN VALVE-110V
 81750133 COIL-DRAIN VALVE-220V
 81510055 DRAIN VALVE - REPAIR KIT - SUNSET



81750340 JAR - PLASTIC- ELECTROBRAIN
 81750339 RETROFIT - ELECTROBRAIN - W/JARS



81650060 DRAIN PLUG



81750108 TIMER - BENDER -8500-9400
 81750103 TIMER - RETROFIT - BENDER - 9400
 81750120 TIMER - RETROFIT - BENDER - 8500



81750130 JAR-DET-1 QT PLASTIC - SUNSET
 81750196 JAR-DET-2 QT PLASTIC - SUNSET



81510017 CAP & TUBE ASSEMBLY - SUNSET
 81510018 CAP & TUBE ASSEMBLY - RETROFIT
 81750127 GASKET - JAR COVER - SUNSET



81650072 MOTOR - 115V - MOTORIZED DRAIN



81750176 HEAT RECOVERY - 80 GAL - W/O ELEMENT
 81750177 HEAT RECOVERY - 120 GAL - W/O ELEMENT
 81750178 HEAT RECOVERY - 120 GAL - WITH ELEMENT



81510010 AGITATOR ASSEMBLY W/THRD SHAFT
 81510100 AGITATOR W/THRU SHAFT
 81510115 AGITATOR W/3/4" SHAFT

81510045 GEARBOX W/MOUNT
 81510089 GEARBOX ONLY

Custom Transfer Hoses



Order size, hose length and fitting style. Ends are factory crimped to the nitrile lined composite hose.

81580201	HOSE - 1.5" NITRILE	81580204	FITTING - 1.5" TC
81580202	HOSE - 2" NITRILE	81580205	FITTING - 2" TC
81580211	HOSE - 2.5" NITRILE	81580212	FITTING - 2.5" TC
81580203	HOSE - 3" NITRILE	81580206	FITTING - 3" TC

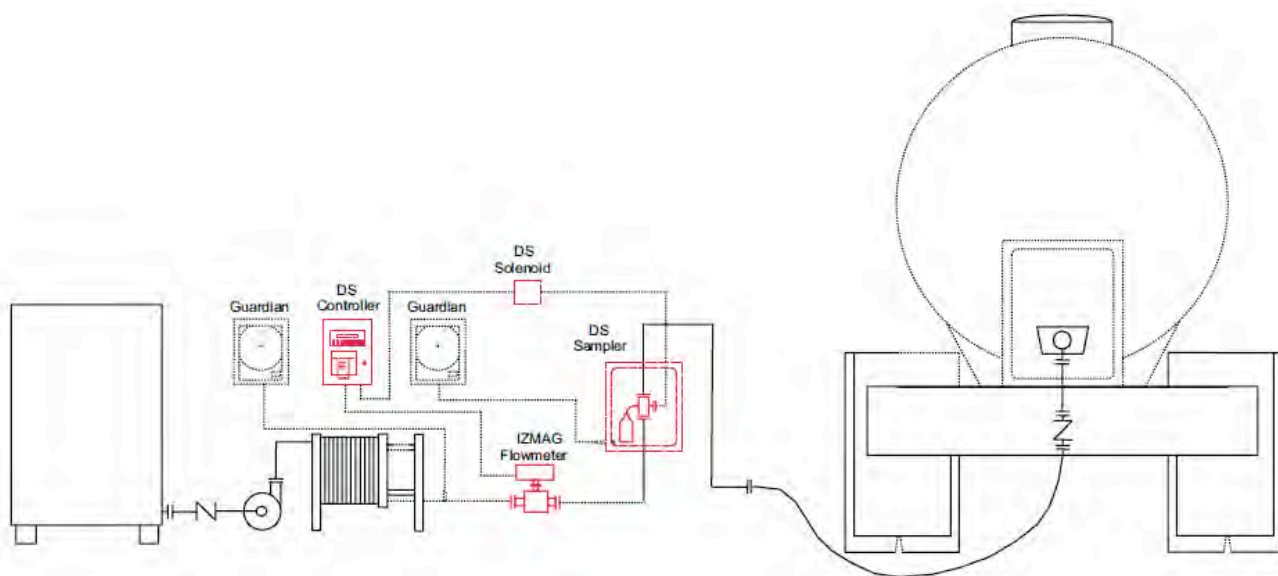
81580207	FITTING - 1.5" BVL W/NUT
81580208	FITTING - 2" BVL W/NUT
81580213	FITTING - 2.5" BVL W/NUT
81580209	FITTING - 3" BVL W/NUT



Dairy System Control

IZMAG flowmeter connected to the FTT controller/printer housed in a stainless steel enclosure. Provides measurement of milk flow, recording of milk volumes on printed paper, capable of being coupled to external inputs for remote reset of milk total. System can also be configured as an alarm to protect against overfill of direct to transport loading. Standard features include: 110 vac input to inhibit measurement during cleaning cycle, 110 vac operation, includes interconnecting cables between flowmeter and control, integrated controls for online meter-based pneumatic sampler, SA70 pneumatic solenoids housed in ABS enclosure, air lines, PS sampler configured for vertical line insertion with bottle adapter and PVC bottle.

81750166	DS2-DAIRY SYSTEM - LOAD OUT - 2" W/MAGMETER, PANEL, SAMPLER AND PRINTER	81520506	IZMAG FLOWMETER-2"-W/DISPLAY
81750376	DS1 DAIRY SYSTEM - LOAD OUT - 1.5" NO	81520501	INTERFACE - USB COMMUNICATION
81750285	DS2 DAIRY SYSTEM - LOAD OUT - 1.5" W/M	81520502	BOTTLE - SAMPLER
81750371	DS4 LOADOUT METER - DS4-2" - TOTALIZER	81750248	PAPER TAPE - PRINTER
81750251	PRINTER - DAIRY LOAD OUT SYSTEM	81750273	DAIRY SYSTEM-LOADOUT-2" W/MAGMETER-W/O SAMPLER
81520500	FLOWMETER-2" W/DPLY-115V-50' CABLE - ANDERSON IZMAG	81750272	SAMPLER ONLY-2" VERTICAL MOUNT
		81750367	CONTROL PANEL ONLY



MILKHOUSE



81750085 WASHER - AUTOMATIC PIPELINE BENDER 8500 110V

81750117 WASHER-AUTOMATIC PIPELINE BENDER 8500 240V

81750080 DIVERter VALVE - 120VAC BENDER

81750116 DIVERter VALVE - 240VAC BENDER

**Replacement parts available,
see Section 9.**



81750157 CONTROL-SOLID-STATE PROGRAMMABLE-BENDER

81750173 CONTROL - 110V - MECH TIMER

**Replacement parts available,
see Section 9.**



81750156 DISPENSER - HIGH CAPACITY PERISTALTIC W/VALVES-W/O TIMERS

81750174 DISPENSER - 3-JAR BENDER

81750206 DISPENSER - HIGH CAPACITY W/O VALVES - W/O TIMERS

81750344 DISPENSER-PERISTALTIC W/VALVES W/TIMERS - FOR USE W/81750173

**Replacement parts available,
see Section 9.**



81750098 AIR INJECTOR - 9300 BENDER

81750242 AIR INJECTOR - 1185 BENDER

**Replacement parts available,
see Section 9.**



37107088 AIR INJECTOR 12/24V DIGITAL - WAIKATO

37107110 CIRCUIT BOARD-AIR INJ 12/24V DIGITAL

81180008 24V POWER SUPPLY

**Replacement parts available,
see Section 9.**



37107102 HUSH KIT-AIR INJECTOR



81750153 SWITCH - LIMIT SWING PIPE SAFETY



81710237 INJECTOR-CHEM-PORTABLE CYCLONE

Dispensers



- 81710083 SIGNAL TRANSFER UNIT (STU)
- 81710252 DISPENSER - 3-PUMP - W/ELECTRONICS
- 81710319 DISPENSER - 2-PUMP - NE
- 81710295 DISPENSER - 3-PUMP - 120V-NE
- 81710296 DISPENSER - 3-PUMP - 230V-NE
- 81710349 DISPENSER - 3-PUMP - 30 OZ - 120V



- 81710284 DISPENSER - CDS - 3-PUMP-50 OZ
- 81710285 DISPENSER - CDS - 3-PUMP
- 81710302 DISPENSER - CDS - 2-PUMP
BLENDING SYSTEM



- 81710251 LAUNDRY DISPENSER - ONE SHOT
DUAL PRODUCT - KNIGHT
- 81710266 REPLACEMENT TUBE - ONE SHOT
- 81710247 LAUNDRY DISPENSER - LIQUID
SINGLE PRODUCT - KNIGHT
- 81710293 TRANSFORMER - ONE SHOT - KNIGHT
- 81710320 BOARD - ONE SHOT - REPLACEMENT
KNIGHT
- 81710326 ROLLER ASMBLY - 3 LOBE - ONE SHOT
- 81710303 PUMP/MOTOR ASMBLY - ONE SHOT
KNIGHT



- 81710250 DISPENSER - TIMED METERING
DETERGENT
- 81710253 DISPENSER - TIMED METERING -
ACID
- 81710254 DISPENSER - TIMED METERING
CHLORINE



- 81710410 2-PUMP PERISTALTIC - 18 OZ/MIN
ONE SHOT
- 81710420 2-PUMP PERISTALTIC - 35 OZ/MIN
ONE SHOT



- 81710225 PUMP HEAD KIT - LARGE PUMP -
PERISTATIC
- 81710223 ROLLER BLOCK - LARGE PUMP -
PERISTATIC
- 81710224 FACE PLATE - LARGE PUMP -
PERISTATIC

*Fits Dema, Knight and other brands.



- 81710222 DISPENSER - LAUNDRY - 2-PUMP
- 81710249 DISPENSER - LAUNDRY - 1-PUMP



- 81510147 PLUG - 3/4"
- 81750335 PLUG - 1-1/2"
- 81750336 PLUG - 2"



- 81750332 MALE COUPLINGS - 1-1/2" BARB
- 81750328 MALE COUPLINGS - 2" BARB
- 81750337 MALE COUPLINGS - 1-1/2" MNPT



- 81510148 LOCKING CAPS - 3/4"
- 81750333 LOCKING CAPS - 1-1/2"
- 81750334 LOCKING CAPS - 2"



- 81750330 FEMALE LOCKING COUPLINGS
1-1/2" BARB
- 81750331 FEMALE LOCKING COUPLINGS
2" BARB
- 81750329 FEMALE LOCKING COUPLINGS
1-1/2" MNPT
- 81750211 FEMALE LOCKING COUPLINGS
2" MNPT
- 81750210 FEMALE LOCKING COUPLINGS
2" FNPT

MILKHOUSE



81750220	TUBE-SQUEEZE-3/16" X 5/16" PER FT	81710266	TUBE - ONE SHOT - 11'
81750182	TUBE-SQUEEZE-1/4" X 7/16" PER FT	81710290	TUBE - T50F - 9"
81750181	TUBE-SQUEEZE-1/4" X 1/2" PER FT	81710330	TUBE - T50BV - BULK - PER FT
81750188	TUBE-SQUEEZE-3/8" X 5/8" PER FT	81710332	TUBE - T50E - 9"
81750183	TUBE-SQUEEZE-FDA-1/4" X 1/2" PER FT	81710333	TUBE - T50D - 11"
81750257	TUBE-SQUEEZE-VITON-1/4" X 1/2" EA	81710340	TUBE - T50BV - 11"
81710278	TUBE-SQUEEZE-VITON-3/8" X 5/8" EA	81710329	TUBE - T66F - 12.5"
81750275	TUBE-SQUEEZE-VITON-3/8" X 5/8" EA	81710321	TUBE - T66E - 14"
81750158	TUBE-SQUEEZE-EPDM-1/4" X 1/2"	81710322	TUBE - T66E - 100'
81710274	TUBE-SQUEEZE-EPDM-3/8" X 5/8"	81710331	TUBE - T66BV - BULK - PER FT
81750324	TUBE-SQUEEZE-EPDM-1/4" X 1/2"	81750346	TUBE - T86E - 20"
81750292	WHITE SILICONE/FT-1/2"X7/8"/FT		
81710356	TUBE-SQUEEZE-POLYSELECT - 1/4"X7/16"/FT		



81750106	KIT REPLACEMENT SQUEEZE TUBE BENDER
81750180	TUBE-SQUEEZE-1/4" X 7/16" X 11" - 3-PACK
81750189	TUBE-SQUEEZE-3/8" X 5/8" X 14" - 3-PACK
81750184	TUBE-SQUEEZE-1/4" X 1/2" X 9" - 3-PACK - FDA

Vertical Milk/Wash Vats



WMS vertical wash vats are made of heavy gauge 304 stainless steel. They meet 3A standards for milk/wash tanks. The 90 gallon tank has 3 -2" diameter stainless steel legs with adjustable insert feet. The 125, 160 and 195 tanks have 4 - 2" diameter stainless steel legs with adjustable insert feet. The 225 and 285 tanks have 4 - 3" diameter stainless steel legs with cross braces.

The 400, 500 and 600 gallon tanks come with 6 - 3" diameter stainless steel legs with cross braces. Adjustable feet for 3" legs are optional. Standard lids for 90 - 285 gallon tanks are 1/3 - 2/3 split lids. Solid lids are optional. 2" ferruled outlets are standard on all tanks. We can customize any of these tanks and build custom sizes to your specifications. Call for a quote.

TANKS W/SPLIT COVER

81650037	90 GAL VERTICAL WASH VAT w/COVER
81650038	125 GAL VERTICAL WASH VAT w/COVER
81650039	160 GAL VERTICAL WASH VAT w/COVER
81650040	195 GAL VERTICAL WASH VAT w/COVER
81650082	225 GAL VERTICAL WASH VAT w/COVER
81650041	285 GAL VERTICAL WASH VAT w/COVER
81650219	325 GAL VERTICAL WASH VAT w/COVER
81650099	400 GAL VERTICAL WASH VAT w/COVER
81650100	500 GAL VERTICAL WASH VAT w/COVER
81650109	600 GAL VERTICAL WASH VAT w/COVER

TANKS WITHOUT COVER

81650025	90 GAL WASH VAT ONLY
81650026	125 GAL WASH VAT ONLY
81650027	160 GAL WASH VAT ONLY
81650028	195 GAL WASH VAT ONLY
81650029	225 GAL WASH VAT ONLY
81650030	285 GAL WASH VAT ONLY
81650218	325 GAL WASH VAT ONLY
81650220	400 GAL WASH VAT ONLY
81650221	500 GAL WASH VAT ONLY
81650222	600 GAL WASH VAT ONLY



WASH VAT LIDS

81650033	COVER-WASH VAT-31" - SPLIT
81650035	COVER-WASH VAT-37" - SPLIT
81650034	COVER-WASH VAT-31" - BLANK W/HANDLE
81650223	COVER-WASH VAT-49" - SPLIT

ASK ABOUT OUR CUSTOM MADE TANKS. SEE SIZING CHART - SECTION 9, PG 20.

Custom Vertical Milk/Wash Vats/Buffer Tanks



We have custom manufactured a wide variety of specialty tanks. The buffer tank pictured is an example of the tanks we regularly manufacture for robot installations. We have quoted tanks from 35 gallons to over 800 gallons. We have also made receive-all tanks up to 200 gallons. Please call for a quote on your specialty tank requirements.

CUSTOM 125 GALLON - BUFFER TANK (PICTURED)

ASK ABOUT OUR CUSTOM MADE TANKS. SEE SIZING CHART - SECTION 9, PG 20.



81650049 SPRAYBALL INLET
FERRULE - 3"
81650102 1" - SPRAYBALL
INLET TUBE



81650086 VORTEX BREAK-
ER WASH VAT



81650063 SPRAYBALL ASSEMBLY
1.5" FEED



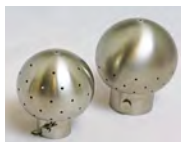
81560238 REDUCER
2" TC X 1.5" TC
SPECIAL SHORT



81650091 REPAIR KIT-SPRAYBALL PIN/CLIP
1" FEED-DIXON
81650092 REPAIR KIT-SPRAYBALL PIN/CLIP
1.5" FEED-DIXON



81650101 REDUCER - 2" TC X 1" TC
SPECIAL TAPERED
81560308 REDUCER - 2.5" TC X 1.5" TC
SPECIAL TAPERED



81650089 SPRAYBALL/PIN-1" TOP
81650105 SPRAYBALL/PIN 1" BOTTOM
81650106 SPRAYBALL/PIN 1" 360
81650085 SPRAYBALL/PIN-1.5" TOP
81690093 SPRAYBALL/PIN 1.5" BOTTOM
81650213 SPRAYBALL/PIN 1.5" 360



81650095 24" EXTENDED
LEGS w/BRACES
81650096 36" EXTENDED
LEGS w/BRACES



81650087 FOOT-ADJ WASH VAT - 2"



81650110 WELD IN FOOT - 3"



81650115 FOOT WELDED ON LEG - 3"

MILKHOUSE



81650018	WASH SINK - SINGLE - 18"
81650019	WASH SINK - SINGLE - 22"
81650020	WASH SINK - SINGLE - 29"
81650021	WASH SINK - SINGLE - 36"
81650022	WASH SINK - SINGLE - 49"
81650023	WASH SINK - SINGLE - 60"
81650024	WASH SINK - SINGLE - 72"
81650007	WASH SINK-DEEP-SINGLE-40 GAL
81650008	WASH SINK-DEEP-SINGLE-50 GAL.
81650009	WASH SINK-DEEP-SINGLE-60 GAL
81650010	WASH SINK-DEEP-SINGLE-72 GAL

81650011	WASH SINK - DOUBLE - 18" X 18"
81650012	WASH SINK - DOUBLE - 22" X 22"
81650013	WASH SINK - DOUBLE - 22" X 29"
81650014	WASH SINK - DOUBLE - 29" X 29"
81650015	WASH SINK - DOUBLE - 36" X 18"
81650016	WASH SINK - DOUBLE - 36" X 22"
81650017	WASH SINK - DOUBLE - 49" X 22"

*LIMITED SUPPLY OF FACTORY
SECONDS AVAILABLE.

Deep Vats	part number	description	capacity*	dimensions
	81650007	40" Deep	52 gal.	20-1/4"W x 40-1/2"L x 15-1/4"D
	81650008	50" Deep	65 gal	20-1/4"W x 50-1/2"L x 15-1/4"D
	81650009	60" Deep	78 gal.	20-1/4"W x 60-1/2"L x 15-1/4"D
	81650010	72" Deep	94 gal.	20-1/4"W x 72"L x 15-1/4"D
Standard Depth Vats	81650011	18" x 18" Double	18/18 gal.	20-1/2"W x 39-1/4"L x 12-1/2"D
	81650012	22" x 22" Double	22/22 gal.	20-1/2"W x 49-1/4"L x 12-1/2"D
	81650013	22" x 29" Double	22/29 gal.	20-1/2"W x 55-1/4"L x 12-1/2"D
	81650014	29" x 29" Double	29/29 gal.	20-1/2"W x 61-1/4"L x 12-1/2"D
	81650015	36" x 18" Double	36/18 gal.	20-1/2"W x 57-1/4"L x 12-1/2"D
	81650016	36" x 22" Double	36/22 gal	20-1/2"W x 61-1/4"L x 12-1/2"D
	81650017	49" x 22" Double	49/22 gal.	20-1/2"W x 75-1/4"L x 12-1/2"D
	81650018	18" Single	18 gal.	20-1/2"W x 21-1/4"L x 12-1/2"D
	81650019	22" Single	22 gal.	20-1/2"W x 25-1/4"L x 12-1/2"D
	81650020	29" Single	29 gal.	20-1/2"W x 31-1/4"L x 12-1/2"D
	81650021	36" Single	36 gal.	20-1/2"W x 38-1/4"L x 12-1/2"D
	81650022	49" Single	49 gal.	20-1/2"W x 51-1/4"L x 12-1/2"D
	81650023	60" Single	60 gal.	20-1/2"W x 62-1/4"L x 12-1/2"D
	81650024	72" Single	72 gal.	20-1/2"W x 74-1/4"L x 12-1/2"D

*When filled completely full.



81650000	BRACKET-WALL-WASH SINK-(SET/2)
81650001	BRACKET-WASH SINK-DEEP-(SET/2)
81650079	BRACKET-WASH SINK-STAINLESS-(SET/2)
81650084	BRACKET-WASH SINK-DEEP-SS -(SET/2)



81650004	LEGS-WASH SINK-DEEP-(SET/2)
81650005	LEGS-WASH SINK-GREY PNTD-(SET/2)
81650078	LEGS-WASH SINK-STAINLESS-(SET/2)
81650058	LEGS-WASH SINK w/BRACE - (SET/2)
81650116	LEGS-WASH SINK-DEEP-SS-(SET/2)
81650119	SURGE SS



81650002	DRAIN ASSMB - LONG - WASH SINK
81650043	DRAIN ASSMB - WASH SINK



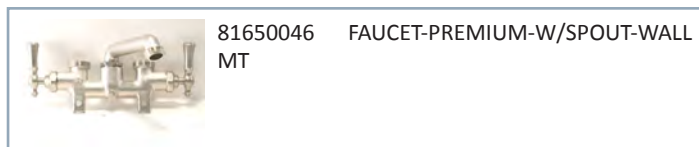
81650042	BASIN-HAND WASH-SS-COMplete
81650044	FAUCET - BASIN - HAND WASH



81650003	GASKET - RUBBER - DRAIN - THIN
81650006	NUT - PLASTIC - DRAIN ASSEMBLY
81650050	GASKET-RUBBER-DRAIN-THICK
81650054	STOPPER - RUBBER - 1-1/2"
81650055	STOPPER-RUBBER-W/HANDLE-WASH
81650059	NUT - DRAIN ASSEMBLY



81650114	BASKET - 6" X 10" X 2" WASH SINK
----------	----------------------------------



81650046 FAUCET-PREMIUM-W/SPOUT-WALL MT



81650061 VALVE-MIXING-W/O SPOUT



81650047 FAUCET-PREMIUM-W/O SPOUT-WALL MT



81650045 FAUCET - MIXING - W/SWING SPOUT

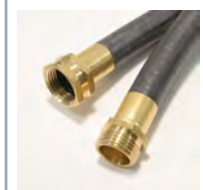


81650051 INSERT - COLD - PREMIUM FAUCET
81650052 INSERT - HOT - PREMIUM FAUCET
81650208 FAUCET - WASHER - ORANGE HIGH TEMP



81650053 STEM SET - W/HANDLE

Hose & Nozzles



81710005 HOSE-RUBBER-6 FT-1/2" DIAM
81710006 HOSE-RUBBER-8 FT-1/2" DIAM
81710007 HOSE-RUBBER-10 FT-1/2" DIAM
81710008 HOSE-RUBBER-15 FT-1/2" DIAM
81710009 HOSE-RUBBER-20 FT-1/2" DIAM
81710010 HOSE-RUBBER-25 FT-1/2" DIAM
81710011 HOSE-RUBBER-30 FT-1/2" DIAM



81710036 NOZZLE - SANITIZING - LONN



81710003 HOSE-H.P.-3/4" X 25'-300 PSI
81710004 HOSE-H.P.-3/4" X 50'-300 PSI



81710029 NOZZLE-ADJ. SPRAY 3/4"



81710000 HOSE-3/4" HIGH PRESSURE-BULK
81710001 HOSE-1" HIGH PRESSURE-BULK
81710304 HOSE-1.25" HIGH PRESSURE-BULK
81710002 HOSE-1.5" HIGH PRESSURE-BULK
ALL SOLD IN 25 FT INCREMENTS



81710030 NOZZLE-ADJ. SPRAY 1"
81710031 NOZZLE-ADJ. SPRAY 1.25"



81710027 NOZZLE-FLOOD-BRASS-3/4" BARB
81710028 NOZZLE-FLOOD-BRASS-1" BARB
81710291 REPAIR KIT



81710035 NOZZLE-SPRAY GUN 3/4" GARDEN HOSE



81710012 HOSE - SANITIZING - 4'
81710013 HOSE - SANITIZING - 6'
81710014 HOSE - SANITIZING - 8'
81710015 HOSE - SANITIZING - 10'
81710016 HOSE - SANITIZING - 12'
81710017 HOSE - SANITIZING - 14'



81710079 CONNECTOR SWIVEL - 3/4"
81710080 CONNECTOR SWIVEL - 1"
81710081 CONNECTOR SWIVEL - 1.25"
81710082 CONNECTOR SWIVEL - 1.5"



81710018 HOSE-WASHER-2 FT-F/M X F/M
81710019 HOSE-WASHER-3 FT-F/M X F/M
81710020 HOSE-WASHER-4 FT-F/M X F/M
81710021 HOSE-WASHER-6 FT-F/M X F/M



81710037 NOZZLE-WATER-INSULATED-571T

81710300 ELBOW - 90 DEGREE - BRASS-SWIVEL

MILKHOUSE



- 81720001 BRUSH - SCRUB - 20" WHITE
 81720008 BRUSH - SCRUB - 20" RED
 81720009 BRUSH - SCRUB - 20" BLUE
 81720010 BRUSH - SCRUB - 20" YELLOW



- 81720002 BRUSH - BULK TANK - WHITE
 81720011 BRUSH - BULK TANK - RED
 81720012 BRUSH - BULK TANK - BLUE
 81720013 BRUSH - BULK TANK - YELLOW
 81720056 BRUSH - BULK TANK - WHITE - 10.5"



- 81720035 HANDLE - PLASTIC - 48" WHITE
 81720037 HANDLE - PLASTIC - 60" WHITE



- 81720044 HANDLE - FIBERGLASS - 48" WHITE
 81720045 HANDLE - FIBERGLASS - 60" WHITE



- 81720049 BRUSH - 5" HAND & NAIL ONLY
 81720050 BRUSH - 5" HAND & NAIL KIT



- 81720026 BRUSH - HI-LO FLOOR - WHITE



- 81720029 BROOM - 16" HD BLOCK - POLY - BLUE
 81720030 BROOM - 18" HD BLOCK - POLY - BLUE
 81720031 BROOM - 24" HD BLOCK - POLY - BLUE



- 81720039 HANDLE - WOOD - TAPERED - 60"



- 81720014 BRUSH - BOTTLE & VALVE - 16" WHITE
 81720015 BRUSH - BOTTLE & VALVE - 16" RED
 81720016 BRUSH - BOTTLE & VALVE - 16" BLUE
 81720017 BRUSH - BOTTLE & VALVE - 16" YELLOW
 81720018 BRUSH - BOTTLE & VALVE - 12" WHITE
 81720019 BRUSH - BOTTLE & VALVE - 12" RED
 81720020 BRUSH - BOTTLE & VALVE - 12" BLUE
 81720021 BRUSH - BOTTLE & VALVE - 12" YELLOW



- 81720022 BRUSH - FLO-THRU - FLARED - WHITE
 81720023 BRUSH - FLO-THRU - FLARED - RED
 81720024 BRUSH - FLO-THRU - FLARED - BLUE
 81720025 BRUSH - FLO-THRU - FLARED - YELLOW



- 81720041 HANDLE - WOOD - 60" METAL
 THREAD
 81720042 HANDLE - WOOD - 72" METAL
 THREAD



- 81720046 HANDLE - FIBERGLASS - FLO-THRU
 60" - NPT W/SHUT OFF



- 81720051 BRUSH - HAND SCRUB - WHITE
 81720052 BRUSH - HAND SCRUB - RED
 81720053 BRUSH - HAND SCRUB - BLUE
 81720054 BRUSH - HAND SCRUB - YELLOW



- 81720047 BRUSH - BOOT & SHOE
 COMPLETE - BLUE
 81720048 BRUSH - BOOT & SHOE
 REPLACEMENT - BLUE



- 81720032 BROOM - 18" OMNI SWEEP - BLUE
 81720033 BROOM - 24" OMNI SWEEP - BLUE



- 81720027 BRUSH - FLOOR DRAIN - 4" BLACK
 81720028 HANDLE - BRUSH/FLOOR DRAIN -
 WHITE

Scrapers & Scoops



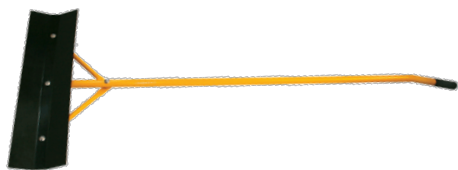
- 81710100 SLIPPERY SCRAPER - 24"
- 81710101 SLIPPERY SCRAPER - 36"
- 81710102 24" REPLACEMENT BLADE
- 81710103 36" REPLACEMENT BLADE



- 81710104 SCRAPER - ALLEY - 24" - SS



- 81710105 CHIPPER SCRAPER - 7"X4-1/4" - SS



- 81710116 SUPER SCRAPER - POLY BLADE - 24"
- 81710117 SUPER SCRAPER - POLY BLADE - 30"
- 81710118 SUPER SCRAPER - POLY BLADE - 36"
- 81710119 REPLACEMENT BLADE - 24" POLY
- 81710120 REPLACEMENT BLADE - 30" POLY
- 81710121 REPLACEMENT BLADE - 36" POLY



- 81710106 FEED SCOOP - SQUARE - 6# SS



- 81710107 FEED SCOOP - ROUND - 6# SS

Hose Racks



- 81710071 RACK - HOSE - SS - WALL MOUNT



- 81710072 RACK - HOSE - HD-SS - WALL MOUNT

VANBERG SPECIALIZED COATINGS

Con-Korite X'Tra



Sets in 30 minutes - zero downtime! Dense and abrasion resistant, stands up to heavy livestock and vehicle traffic. Non-shrink, forms a tenacious bond. Moisture tolerant and excellent for wet environments. Resists freeze and thaw damage. Easy to use, just mix with water or KB25 and apply. One (1) 55 lb. unit of CON-KORITE X-TRA covers 25 sq ft at 1/4 inch nominal thickness. Apply from 1/4 inch and up to any thickness. Patch and level or apply complete overlays.

81760000	CON-KORITE PLUS 60 LB KIT	81760052	EPO-POXY-CLEAR - 1.5 GAL KIT (WATERBASED EPOXY)
81760001	CON-KORITE XTRA 55 LB PAIL	81760055	AGREGATE BLEND - 35 LBS
81760002	CON-KORITE XTRA 55 LB BAG	81760063	THIXO - 50 LB BAG



81760003	KB25 - 1 GAL
81760004	KB25 - 5 GAL

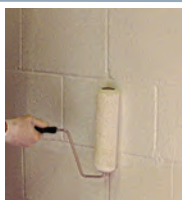
Use 1 gallon per (3)-55 lb. bags for enhanced bending and corrosive resistance.



81760005	SET CONTROL-POUCH
----------	-------------------

Use 1 pouch per 55 lb. bag to extend working time.

Armor & V-Thane



100% solids epoxy wall coat designed to withstand corrosive wet conditions. Stands up to pressure washing. Excellent stain resistance. Superior color stability with long term gloss retention. Covers 50-60 sq ft/gal as base coat. 120-150 sq ft/gal as topcoat.

81760025	ARMOR-GLAZE - 1.5 GAL
----------	-----------------------



81760009	ARMOR-GROUT FAST - NATURAL
81760010	ARMOR-GROUT FAST - GRAY
81760011	ARMOR-GROUT FAST - RED

Coverage: 18 sq ft per kit @ 1/4"
Best selling epoxy mortar kit. Sets in 4-5 hours.



High strength urethane wall coat provides the ultimate in color retention, stain and scratch resistance. Apply as a final topcoat over Armor-Glaze or use as a stand alone wall coating in parlors, chemical rooms, milk rooms or pits. Covers 300 sq ft/gal typical.

81760027	V-THANE - WHITE - 1.5 GAL
81760028	V-THANE - WHITE - 3 GAL
81760029	V-THANE - GRAY - 1.5 GAL
81760030	V-THANE - GRAY - 3 GAL

Armorcoat Fast



Resurface and enhance any worn concrete surface. High performance coating system. High chemical resistance, stands up to many chemicals. Minimized downtime. Fast set formula cures in 4-5 hours. Excellent top coat for Armor-Grout and Armor-Rock systems. Just mix and roll coat to apply. Covers 150 sq ft per 1.5 gallon kit.

81760018	ARMORCOAT FAST - CLEAR
81760068	ARMORCOAT FAST - GRAY
81760020	ARMORCOAT FAST - RED

Armor-Rock



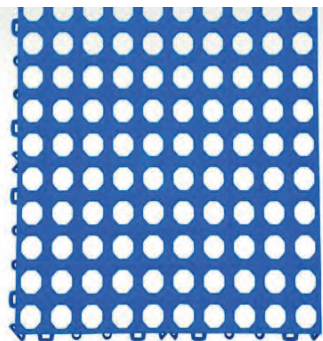
Tough wearing, uniform non-slip overlay. Fast and easy to apply. Wear and chemical resistant. Easy to keep clean with a uniform non-slip finish. Just mix, spread and broadcast aggregate. Covers 45 sq ft per kit - Rooms. 30 sq ft per kit - Parlors.

81760021	ARMOR-ROCK - NATURAL
81760022	ARMOR-ROCK - GRAY
81760023	ARMOR-ROCK - RED



81760047	COLOR PACK - MED GRAY - 8 OZ
81760049	COLOR PACK - MED BLUE - 8 OZ
81760050	COLOR PACK - WHITE - 8 OZ

Parlor Floor Mats



Parlor floor mats reduce operator fatigue and make a more comfortable work environment. They add brightness and color to any workplace.

Comfort Plus mats are made of 100% virgin PVC. The 20" X 20" mats interlock to form a floor that can be rolled up and put back again without coming apart. Their 1" openings and stand-off design make them easy to clean under without removing.

Non-toxic and safety rated, free of lead, formamide, phthalates and latex. Perfectly fit and suited for live-stock, cattle and dairy shows to cover the walkways. Our 1" mats offer the protection the show requires, the ease of use for the operators, easy portability for the owners, and comfort for the cattle. Carrying cases are available holding 9 tiles 100 sq ft, for easy transportation and storage. Our products can be seen by many participants at the All American Show, the North American International Livestock Exposition, the World Dairy Expo and more.

Comfort Plus Mats are 20" x 20"

81710109	MAT-COMFORT PLUS-BLACK
81710110	MAT-COMFORT PLUS-BLUE
81710111	MAT-COMFORT PLUS-GREEN
81710112	MAT-COMFORT PLUS-GRAY
81710113	MAT-COMFORT PLUS-ORANGE
81710114	MAT-COMFORT PLUS-RED
81710115	MAT-COMFORT PLUS-WHITE

EVA Mats are 40 X 40

100 sq ft per pack, 12 border pieces included.

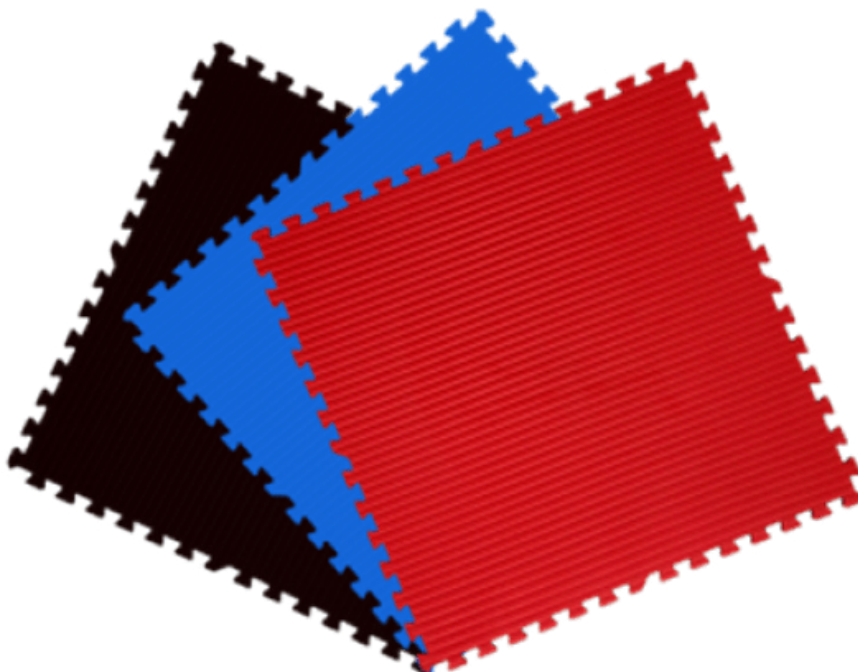
Hardness: 40-45

Solid Color EVA foam finished on both sides

ALL COLORS ARE IN STOCK

81710361	MAT - EVA - BLACK - 40 X 40 X 1"
81710362	MAT - EVA - BLUE - 40 X 40 X 1"
81710363	MAT - EVA - RED - 40 X 40 X 1"
81710364	MAT - EVA - GRAY - 40 X 40 X 1"

Please ask about our beveled edges.



Supplies and Tools



81760031	CONCRETE CLEAN & ETCH - 1 GAL
81760032	CONCRETE CLEAN & ETCH - 3 GAL



81760039	PAIL MIXER
81760040	CON-KORITE PROP



81760042	SOLVENT 101
----------	-------------



81760041	4" PROP MIXER
----------	---------------



81760033	EPOXY ROLLER
81760034	LOOPED ROLLER
81760035	ROLLER FRAME
81760048	3 PC. EXTENSION POLE



81760036	ARMOR-ROCK NOTCHED TROWEL
81760037	14" X 3" TROWEL
81760038	8" X 3" TROWEL

NOTES

This image shows a single sheet of white paper with horizontal blue ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

RECEIVER GROUP/ VALVES

RECEIVER GROUP/VALVES

RECEIVER GROUP / VALVES

RECEIVER GROUP/VALVES

**INLETS - STRAIGHT**

- 81200045 INLET - 1.5" - CLAMP
- 81200022 INLET - 2" - CLAMP
- 81200024 INLET - 2.5" - CLAMP
- 81200017 INLET - 3" - CLAMP
- 81200026 INLET - 4" - CLAMP

- 81200002 RECEIVER JAR-18 X 18 - 1.5" FRLD OUTLET
- 81200004 RECEIVER JAR-18 X 24 - 1.5" FRLD OUTLET
- 81200008 RECEIVER JAR-18 X 30 - 1.5" FRLD OUTLET
- 81200063 RECEIVER JAR-22 X 24 - 2" FRLD OUTLET
- 81200003 RECEIVER JAR-22 X 30 - 2" FRLD OUTLET
- 81200010 RECEIVER JAR-26 X 24 - 1.5" FRLD OUTLET
- 81200011 RECEIVER JAR-26 X 24 - 2" FRLD OUTLET
- 81200012 RECEIVER JAR-26 X 30 - 1.5" FRLD OUTLET
- 81200013 RECEIVER JAR-26 X 30 - 2" FRLD OUTLET
- 81200015 RECEIVER JAR-26 X 36 - 2" FRLD OUTLET

We can do custom receiver jars from 18" to 36" diameter.

We can make receivers - all tanks up to 200 gallons.

INLETS - 45 DEGREES

- 81200023 INLET - 2" X 45°
- 81200025 INLET - 3" X 45°
- 81200027 INLET - 4" X 45°

SEE ORDER FORM ON PAGE 16/17



- 81200039 COVER - RCVR JAR 8" - W/1.5" HOLE
- 81200038 COVER-RCVR JAR 8" W/2" HOLE
- 81200037 COVER - RCVR JAR 8" NO HOLE
- 81200044 COVER-10" W/HOLE - 26" RECEIVER
- 81200036 COVER-10" W/O HOLE - 26" RE-CEIVER
- 81200050 COVER-10" W/(2) 1.5" HOLE



- 81200048 STAND-HOOP-FLOOR MOUNT



- 81200040 GASKET-COVER-26" RECEIVER-10"
- 81200041 GASKET-COVER-18" RECEIVER-8"



- 81200049 STAND-MOTOR-FLOOR



- 81200031 STAND-FLOOR-18" RECEIVER W/LEG
- 81200032 STAND-FLOOR-26" RECEIVER W/LEG
- 81200033 STAND-FLOOR-26" RECEIVER-2HP M



- 81200034 STAND-MOTOR BRACKET-WALL MOUNT
- 81200042 HOOP - RECEIVER - WALL MOUNT
- 81200043 PLATE - MOTOR MOUNTING - 1 HP
- 81200052 PLATE - MOTOR MOUNTING - 2 HP

RECEIVER GROUP/VALVES



- 81210001 MOISTURE TRAP-4"NPT X 4"TC-12"
 81210032 MOISTURE TRAP - 3"NPT X 3"TC-12"
- 81210019 COVER W/GSKT-12" HORIZ MOISTURE
 81210017 COVER-W/GASKET & HRDWR -12"
 81210023 GASKET - 12" MOISTURE TRAP
 81210020 COVER W/GASKET - HARDWARE - 10"
 81210022 GASKET - 10" MOISTURE TRAP



- 81210027 J BEND-POLY MOISTURE TRAP



- 81210004 MOISTURE TRAP - 12 QT W/CLIPS
 81200040 GASKET - COVER - 12QT TRAP
 81210014 BODY ONLY - 12QT TRAP
 81210035 CLIP - COVER - 12QT TRAP
 81210042 COVER - 2" INLET
 81210043 COVER - 3" INLET



- 81210018 COVER - 6 QT TRAP
 81210026 GASKET - 6 QT TRAP



- 81210034 MOISTURE TRAP - 6 QT



- 81210050 CHECK VALVE - TEARDROP
 DL TRAP



- 81210051 PLUG - DRAIN - DL/BM TRAP



- 81210005 MOISTURE TRAP-PLASTIC-W/COVER

- 81210021 COVER-RUBBER-PLASTIC TRAP
 81210031 BODY ONLY - POLY TRAP
 81210015 COUPLING - 3-3/4" RUBBER
 81210016 COUPLING - 4/1/4" RUBBER



- 81210012 BEND - U TRAP - 3"TC - 20" C/C
 81210033 BEND-U TRAP-4" TC-30" C/C



- 81210007 BEND- J TRAP-3"TC X 180-9" C/C
 81210008 BEND-J TRAP-4"TC X 180-17" C/C



- 39800514 BALL-SUPATRAP CAGE-70MM
 81210028 BALL - 4-1/4" - MOISTURE TRAP
 81210029 BALL - 5" - MOISTURE TRAP
 81210030 BALL - MOISTURE TRAP - 6 QT
 81210039 BALL - SS 5" MOISTURE TRAP



TRAP GASKETS

- 81210049 BM STYLE - BLUE TRAP
 81210053 DV STYLE - 3" TRAP
 81210054 UNIV - WHITE GASKET



- 81210052 CHECK VALVE
 SURGE MOISTURE TRAP



- 81240040 TUBE - SURGE FASTFLOW - DRAIN

RECEIVER GROUP/VALVES

VSD's for Milk Pumps*



- 81220068 VSD MILK PUMP-1HP
3PH 230V-COMPL
- 81220074 DRIVE ONLY
- 81220073 VSD MILK PUMP-1HP
3PH 460V-COMPL
- 81220079 DRIVE ONLY
- 81220245 SWITCH - 3WAY - VSD - MILK PUMP

*Now with 3-position Milk/Wash switch



81230012 ADAPTER-PROBE-2"-W/ O RING



- 81230002 LEVEL CONTROL BOX- W/2PT BOARD
- 81230003 LEVEL CONTROL BOX-W/3PT BOARD
- 81230011 WIRE HARNESS-6 PIN-LVL CNTRL B
- 81230015 SWITCH-PUSH BUTTON



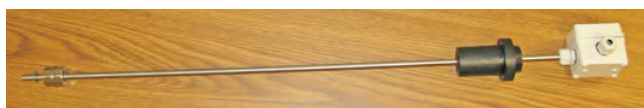
- 81230000 LEVEL CONTROL BOARD - 2 POINT
- 81230001 LEVEL CONTROL BOARD - 3 POINT



81230010 TRACK-SNAP MOUNT-4" SECTION

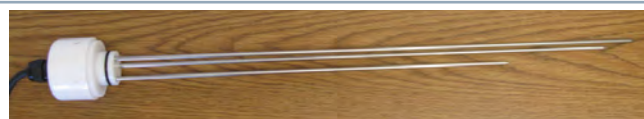


81220182 FILTER - RFI - 16 AMP - 3 PH



- 81230034 PROBE ASSY-1 FLOAT w/1-1/2" PLUG w/CLIPS
- 81230030 PROBE ASSY-1 FLOAT w/2" PLUG w/CLIPS
- 81230017 PROBE ASSY-1 FLOAT w/1-1/2"PLUG & COLLARS

- 81230018 REED SWITCH-PLASTIC FLOAT PROBE
- 81230019 REED SWITCH-S/S FLOAT PROBE-OLD STYLE
- 81230024 FLOAT WITH MAGNET - BM STYLE



- 81230005 PROBE-3 POINT-1.5" X 23"
- 81230008 PROBE-4 POINT-1.5" X 50"



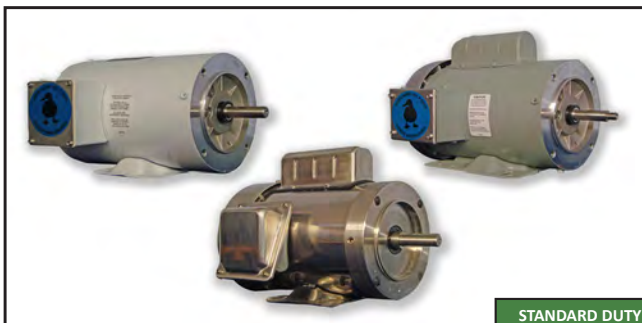
- 81230016 PROBE ASSY - 4 FLOAT-48" - w/CLIPS
- 81230028 PROBE ASSY - 3 FLOAT - 2.5" - 5.5" - 10" - w/CLIPS
- 81230029 PROBE ASSY - 3 FLOAT - 3" - 7" - 11" - w/CLIPS
- 81230035 PROBE ASSY - 3 FLOAT - 2" - 4" - 7" - w/CLIPS
- *CUSTOM PROBES AVAILABLE



- 81230031 PLUG - RUBBER - 1.5" W/3/16" HOLE
- 81230032 PLUG - RUBBER - 2" W/3/16" HOLE

RECEIVER GROUP/VALVES

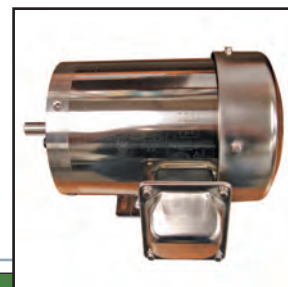
Leeson Milk Pump Motors



STANDARD DUTY MOTORS	HP	PHASE	VOLTAGE	FRAME	SHAFT TYPE	SHAFT SIZE	RPM	PART NUMBER
	.75	1	115/230	56C	KEYED	5/8	3450	81660063
	1	1	115/230	56C	KEYED	5/8	3450	81660064
	1.5	1	115/230	56C	KEYED	5/8	3450	81660065
	2	1	115/230	56C	KEYED	5/8	3450	81660066

WASHDOWN DUTY MOTORS	HP	PHASE	VOLTAGE	FRAME	SHAFT TYPE	SHAFT SIZE	RPM	PART NUMBER
	.75	1	115/230	56J	THRD	5/8	3450	81660099
	1.5	1	115/230	56J	THRD	5/8	3450	81660097
	1	1	115/230	56HC	THRD	5/8	3450	81660056
	1	3	208/460	56HC	THRD	5/8	3600	81660058
	.5	1	230		SPCL	SURGE	3450	81660059
	1	1	230		SPCL	SURGE	3450	81660060
	1	3	208/460		SPCL	SURGE	3600	81660062
	.75	1	115/230	56C	KEYED	5/8	3450	81660067
	1	1	115/230	56C	KEYED	5/8	3450	81660068
	1.5	1	115/230	56C	KEYED	5/8	3450	81660069
	2	1	115/230	56C	KEYED	5/8	3450	81660070
	2	1	208/460	145TC	KEYED	5/8	3450	81660016
	.75	3	208/460	56C	KEYED	5/8	3600	81660071
	1	3	208/460	56C	KEYED	5/8	3600	81660072
	1.5	3	208/460	56C	KEYED	5/8	3600	81660073
	2	3	208/460	56C	KEYED	5/8	3600	81660074
	2	3	208/460	145C	KEYED	7/8	3600	81660075
	3	3	208/460	145TC	KEYED	7/8	3600	81660093
	5	3	208/460	184TC	KEYED	1-1/8	3600	81660086

STAINLESS STEEL MOTORS	HP	PHASE	VOLTAGE	FRAME	SHAFT TYPE	SHAFT SIZE	RPM	PART NUMBER
	.75	1	115/230	56C	KEYED	5/8	3450	81660076
	1	1	115/230	56C	KEYED	5/8	3450	81660077
	1.5	1	115/230	56C	KEYED	5/8	3450	81660078
	2	1	115/230	145C	KEYED	7/8	3450	81660080
	.75	3	208/460	56C	KEYED	5/8	3600	81660081
	1	3	208/460	56C	KEYED	5/8	3600	81660082
	1.5	3	208/460	56C	KEYED	5/8	3600	81660083
	2	3	208/460	56C	KEYED	5/8	3600	81660084
	2	3	208/460	145C	KEYED	7/8	3600	81660085
	3	3	208/460	145C	KEYED	7/8	3600	81660040



Milk Pump Motors

MILK PUMP MOTORS								
Hp	Phase	Voltage	Frame	Shaft Type	Shaft Size	RPM	Brand	Part Number
0.5	1	208/230	56HCZ	Acme Thrd	5/8"	3600	AO SMITH	81660007
0.5	1	115/230	56C	keyed	5/8"	3450	BALDOR	81660009
1	1	115/230	56C	keyed	5/8"	3450	BALDOR	81660011
1	1	208/230	56	Surge		3450	BALDOR	81660012
1	1	208/230	56HCZ	Acme Thrd	5/8"	3600	AO SMITH	81660013
1	3	208/460	56HCZ	Acme Thrd	5/8"	3600	BALDOR	81660028
1	3	208/460	56	Surge		3600	BALDOR	81660029
1.5	3	208/460	56HC	keyed	5/8"	1800	AO SMITH	81660019
1.5	1	115/230	56H	keyed	5/8"	3450	BALDOR	81660021
2	1	115/230	145TC	keyed	7/8"	3450	BALDOR	81660015
2	1	115/230	56HC	keyed	5/8"	3600	AO SMITH	81660017
2	3	208/460	145TC	keyed	7/8"	3450	BALDOR	81660018
STAINLESS STEEL MILK PUMP MOTORS								
Hp	Phase	Voltage	Frame	Shaft Type	Shaft Size	RPM	Brand	Part Number
1	3	208/460	56C	keyed	5/8"	3600	STERLING	81660032
1.5	3	208/460	56C	keyed	5/8"	3600	STERLING	81660033
2	3	208/460	56C	keyed	5/8"	3800	STERLING	81660034
2	3	208/460	145TC	keyed	7/8"	3800	STERLING	81660023
3	3	208/460	182TC	keyed	1-1/8"	3450	STERLING	81660035
5	3	208/460	184TC	keyed	1-1/8"	3600	STERLING	81660036
5	3	208/460	184TC	keyed	1-1/8"	1800	STERLING	81660043
1	3	208/460	56HC2	thrd	5/8"	3800	STERLING	81660050

Accessories



39600500 COVER-BLUE PLASTIC-WAIKATO



81660024 BASE - SS - MILK PUMP MOTOR
81660025 COVER - SS - MILK PUMP MOTOR

RECEIVER GROUP/VALVES

Fristam Milk Pumps



81220103	PUMP-FRISTAM -2" X 1-1/2" - 3HP
39550075	SEAL-FRISTAM PUMP - 712/130
39550126	O-RING-PUMP HOUSING - FRISTAM
39559000	IMPELLER-FRISTAM PUMP - 712/130

**Replacement parts available,
see Section 9.**

SPI Milk Pumps



81220102	PUMP - SP41 - 3.75" IMPELLER
81220126	PUMP - SP51 - 4.75" IMPELLER
81220129	PUMP - SP51 - 5" IMPELLER

**Replacement parts available,
see Section 9.**

Beco Milk Pumps



81220009	PUMP-1HP MILK-RIGHT HAND-BECO
81220010	PUMP-2HP MILK-LEFT HAND-BECO
81220011	PUMP-2HP MILK-RIGHT HAND-BECO
81220038	IMPELLER - 1 HP - BECO

**Replacement parts available,
see Section 9.**

Anderson Milk Pumps



81220012	PUMP-HORZ MILK-1" DISCHARGE-AN
81220013	PUMP-HORZ MILK-11/16" DISCHARG
81220071	IMPELLER - 4 BLADE - ANDERSON

**Replacement parts available,
see Section 9.**



81220157	PUMP - MILK - 4" BM STYLE
81220179	HOUSING - BM STYLE MILK PUMP
81220098	FLANGE - BM STYLE MILK PUMP

**Replacement parts available,
see Section 9.**



81220158	PUMP - MILK - DV STYLE - 1HP
81220159	PUMP - MILK - DV STYLE - 1.5HP
81220160	PUMP - MILK - DV STYLE 1HP FLOOR MT
81220145	IMPELLER - MILK PUMP 1HP - DV STYLE
81220162	SHAFT - MILK PUMP - 1HP - DV STYLE
81220163	BACKPLATE - MILK PUMP 1HP-DV STYLE

**Replacement parts available,
see Section 9.**

Thomsen Milk Pumps



T200 PUMPS

Part	Pump #	Hp	RPM	Drive Shaft	Impeller	In	Out	Rt/Lt	Seal	Motor
81220201	4	1	3450	5/8"	3-1/8"	1.5	1.5	RT	EXT	NO
81220202	4	1.5	3450	5/8"	3-3/8"	1.5	1.5	RT	EXT	NO
81220203	4	2	3450	5/8"	3-7/8"	1.5	1.5	RT	EXT	NO
81220204	4	2	3450	7/8"	3-7/8"	1.5	1.5	RT	EXT	NO
81220205	4	2	3450	5/8"	3-7/8"	2	1.5	RT	EXT	NO
81220206	4	2	3450	7/8"	3-7/8"	2	1.5	RT	EXT	NO
81220207	4	2	3450	7/8"	3-7/8"	2	2	RT	EXT	NO
81220208	5	2	3450	7/8"	4-1/8"	2	1.5	RT	EXT	NO
81220209	5	3	3450	7/8"	4-7/8"	2	1.5	RT	EXT	NO
81220210	5	2	3450	7/8"	4-1/8"	2	2	RT	EXT	NO
81220211	5	3	3450	7/8"	4-7/8"	2	2	RT	EXT	NO

RECEIVER GROUP/VALVES

Thomsen Milk Pumps (continued)

T100 PUMPS										
Part	Pump #	Hp	RPM	Drive Shaft	Impeller	In	Out	Rt/Lt	Seal	Motor
81220148	3	1	3450	5/8"	2-5/8"	1.5	1.5	RT	INT/VI-TON	NO
81220000	4	2	3450	5/8"	3-7/8"	1.5	1.5	RT	INT	NO
81220006	4	2	3450	7/8"	3-7/8"	1.5	1.5	RT	EXT	NO
81220007	4	2	3450	5/8"	3-7/8"	1.5	1.5	RT	EXT	NO
81220154	4	2	3450	7/8"	3-7/8"	1.5	1.5	RT	INT	NO
81220104	4	2	3450	7/8"	3-7/8"	1.5	1.5	LF	INT	NO
81220191	4	1.5	3450	5/8"	3-3/8"	1.5	1.5	RT	EXT	NO
81220132	4	2	3450	7/8"	3-7/8"	2	1	RT	EXT	NO
81220152	4	2	3450	5/8"	3-7/8"	2	1.5	RT	EXT	NO
81220008	4	2	3450	7/8"	3-7/8"	2	1.5	RT	EXT	NO
81220153	4	2	3450	5/8"	3-7/8"	2	2	RT	INT	NO
81220005	4	2	3450	5/8"	3-7/8"	2	2	RT	EXT	NO
81220070	4	2	3450	5/8"	3-7/8"	2	2	LF	EXT	NO
81220133	4	2	3450	7/8"	3-7/8"	2	2	RT	EXT	NO
81220001	5	3	3450	7/8"	4-7/8"	1.5	1.5	RT	EXT	NO
81220141	5	2	3450	7/8"	4-3/8"	2	1.5	RT	INT/VI-TON	NO
81220084	5	3	3450	7/8"	4-7/8"	2	1.5	RT	EXT	NO
81220175	5	3	3450	7/8"	4-7/8"	2	1.5	RT	INT	NO
81220095	5	2	3450	7/8"	4-5/8"	2	1.5	RT	EXT	NO
81220183	5	2	3450	1-1/8"	4-5/8"	2	1.5	RT	EXT	NO
81220144	5	3	3450	7/8"	4-7/8"	2	2	RT	EXT	NO
81220184	5	2	3450	5/8"	4-3/8"	2	2	RT	EXT/VI-TON	NO
81220200	5	3	3450	7/8"	4-7/8"	2	2	RT	INT	NO
81220190	5	3	3450	7/8"	4-7/8"	2	2	RT	INT/VI-TON	NO
81220094	6	5	1750	1-1/8"	5-1/8"	2	2	RT	INT	NO
81220130	6	5	1750	1-1/8"	5-1/8"	2	2	RT	EXT	NO
81220180	6	5	1750	1-1/8"	5-7/8"	3	2	RT	INT	NO
81220181	6	5	1750	1-1/8"	5-7/8"	3	2	RT	INT	NO
81220002	8	10	1750	1-3/8"	7-7/8"	3	2	RT	EXT	NO
81220003	8	10	1750	1-3/8"	7-7/8"	3	2	RT	INT	NO
81220004	8	5	1750	1-1/8"	7-7/8"	3	2	RT	INT	5HP/3HP
81220161	8	5	1750	1-1/8"	6-5/8"	3	2	RT	INT	NO
81220072	8	5	1750	1-1/8"	6-5/8"	3"THRD	2"THRD	RT	INT	NO
81220147	8	5	1750	1-1/8"	6-5/8"	3	2	RT	EXT	NO
81220093	8	7.5	1750	1-3/8"	7-1/8"	3"THRD	2"THRD	RT	INT	NO
81220105	8	7.5	1750	1-1/8"	7-1/8"	3"THRD	2"TC	RT	INT	NO
81220176	8	7.5	1750	1-3/8"	7-1/8"	3	3	RT	INT	NO
81220188	8	7.5	1750	1-1/8"	7-5/8"	2"THRD	2"THRD	RT	INT	NO
81220082	8	10	1750	1-3/8"	7-7/8"	3"THRD	2"THRD	RT	INT	NO
81220106	8	10	1750	1-3/8"	7-7/8"	3"WELD	2"WELD	RT	INT	NO

RECEIVER GROUP/VALVES

Pump Seals and Gaskets

**Anderson**

- 81220058 SEAL - SHAFT - MILK PUMP
81220036 GASKET - OLD STYLE
81220030 GASKET - NEW STYLE

**B-M (Copy)**

- 81220056 SEAL-MILK PUMP-1HP-BM STYLE

**Beco (Genuine)**

- 81220035 GASKET - PUMP HOUSING - BECO
81220042 SEAL KIT - MILK PUMP - BECO

**Beco (Copy)**

- 81220086 SEAL KIT - MILK PUMP - BECO - COPY
81220016 BACK PLATE

**DV (Copy)**

- 81220087 SEAL KIT - MILK PUMP - DV
81220163 BACKPLATE

**Kleenflo**

- 81220096 SEAL KIT - MILK PUMP
KLEENFLO/ANDERSON

**SPI (Westfalia)**

- 81220067 SEAL KIT-CARBON-SP41 PUMP
81220116 SEAL KIT - SP41 - CARBON/VITON
81560139 GASKET - TC - VUNAN - 4"
81220032 GASKET-HEAD-MILK PUMP-SP 51
81220046 SEAL-CERAMIC MATING-MILK PUMP
81220057 SEAL-O RING-MILK PUMP-SP 51
81220060 SEAL-TEFLON-MILK PUMP-SP 51
81220061 SPRING - MILK PUMP - SP 51

SPI (copy)

- 81220067 SEAL KIT - SHAFT
SP41, 51, 61 MILK PUMP

- 81220226 SEAL KIT - CHOREBOY

**Sta-Rite / Universal**

- 81220194 SEAL KIT UNIVERSAL

- 81220050 SEAL-GRAPHITE-MILK PUMP
81220059 SEAL-SMALL O RING-MILK PUMP
81220054 SEAL-HOUSING-MILK PUMP
81220131 IMPELLER

**Surge (Copy)**

- 81220088 SEAL KIT-SHAFT-SURGE-NEW STYLE
81220192 BACKPLATE



- 81220089 SEAL KIT-SHAFT-SURGE-OLD STYLE

**Thomsen (Copy)**

- 81220055 SEAL KIT - EXTERNAL
4-5-6 -THOMSEN



- 81220090 SEAL KIT - INTERNAL
4-5-6 -THOMSEN

Thomsen (Genuine)

- 81220051 SEAL-#4 INTERNAL-THOMSEN
81220052 SEAL - INTERNAL - #5 - THOMSEN
81220053 SEAL - INTERNAL - #8 THOMSEN
81220047 SEAL-CERAMIC/RUBBER
THOMSEN #4, 5, 6
81220048 SEAL - EXTERNAL - #4 THOMSEN
81220049 SEAL - EXTERNAL - #5 THOMSEN
81220108 #8 SEALKIT - EXTERNAL
81220033 GASKET-HOUSING-BUNA N
#4 THOMSEN
81220034 GASKET-HOUSING-BUNA N
#5 THOMSEN

**Thomsen T200**

- 81220212 #4 SEAL KIT
81220213 #5 SEAL KIT

Waikato Receiver



39850312 RECEIVER - 60L - 3" SUPA TWIN
39850501 RECEIVER - 60L - SUPA 4

39850508 TRAP - 30L - 3" SUPA 4/SUPA TWIN
39888887 TRAP - 60L - 4" SUPA 4/SUPA TWIN

39800794 BRACKET - REC/TRAP - 60L/30L
39800793 BRACKET - REC/TRAP - 90L/60L

* ORDER DOMES, GASKETS, RETAINER RECEIVERS AND LOOPS SEPARATELY



39840103 DOME-PERSPEX-250MM - 10"
39850306 DOME-PERSPEX-350MM - 14"



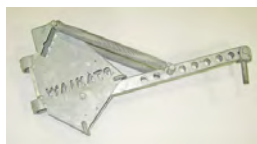
39840102 SEAL RING - 250MM - 10"
39850305 SEAL RING - 350MM - 14"



39840104 LOOP - 250MM - 10"
39850311 LOOP - 350MM - 14"



39850040 VORTEX PLATE - 50MM RE-
CEIVER



39800736 BRACKET - SWING DOWN
JETTER



39800704 BRACKET - SUPA 4/SUPA TWIN
ROUND - FASCIA
39800450 BRACKET - SUPA 4/SUPA TWIN
SQUARE - FASCIA



89991196 BRACKET ADAPTER
PULS/FRESH AIR



39650748 BRACKET - DELIVERY LINE - 1.25"
39650749 BRACKET - DELIVERY LINE - 1.5"
39650750 BRACKET - DELIVERY LINE - 2"
39650751 BRACKET - DELIVERY LINE - 2.5"
39650731 BRACKET - DELIVERY LINE - 3"



39800739 HANGER TUBE - 1.5"
39800740 HANGER TUBE - 2"
39800741 HANGER TUBE - 2.5"
39800761 HANGER TUBE - 3"
39800742 HANGER TUBE - 4"



39650765 BEND - 180 DEGREE - 63MM
39650604 BEND - 180 DEGREE - 76MM
39888885 BEND - 180 DEGREE - 101MM



39650761 BEND - DOG LEG - 63MM
39650601 BEND - DOG LEG - 76MM
39888886 BEND - DOG LEG - 101MM

39850551 TRANSITION - 101MM X 50MM
SUPA 4

RECEIVER GROUP/VALVES



81750039 DIVERTER - SS - 1.5"
81750149 DIVERTER - SS - 2"
81750150 DIVERTER - SS - 3 "
81750160 DIVERTER - SS - 2.5"
81750197 DIVERTER - SS - 4"



81240006 WASH PLUG - 2" - TEFLON - LONG
81240007 WASH PLUG-2.5" - TEFLON - LONG
81240008 WASH PLUG - 3" - TEFLON - LONG



81240009 WASH PLUG-2"-TEFLON-SHORT
81240010 WASH PLUG-2.5"-TEFLON-SHORT
81240011 WASH PLUG-3"-TEFLON-SHORT



81240004 VALVE-VACUUM PINCH-5/8" TO 3/4
81240036 STRAP-ALIGNMENT-VAC PINCH VALVE
81240038 SEAL-U CUP-VACUUM PINCH VALVE
81240039 SPRING - VACUUM PINCH VALVE
81240041 BOOT COVER-RUBBER-VAC PINCH VALVE



37107804 SHUT-OFF - W/BKT
81240037 DIAPHRAGM - REPLACEMENT-ONLY

Drain Elbows



81220023 ELBOW-1.5" DRAIN-W/ 3/4" LEFT*
81220024 ELBOW-1.5" DRAIN-W/ 3/4" RIGHT
81220081 ELBOW-2" DRAIN-W/ 3/4" LEFT
81220100 ELBOW-2" DRAIN-W/ 3/4" RIGHT
*Pictured



81220022 ELBOW-DRAIN-1.5" W 3/4" TUBE
81220026 ELBOW-1.5" DRAIN-W/ 7/16" TUBE
81220028 ELBOW-2" DRAIN-W/ 3/4" TUBE
81220029 ELBOW-2" DRAIN-W/ 7/16" TUBE



81220025 ELBOW-1.5" DRAIN-W/ 3/4" PARALLEL
81220027 ELBOW-2" DRAIN-W/ 3/4" PARALLEL



81240016 PLUG-2" RUBBER-LONG-STAINLESS
81240019 PLUG-2" RUBBER-SHORT STAINLESS



81750044 PLUG - RUBBER - CUTAWAY - 2" DIVERTER



81240003 NLA -VALVE-4" VACUUM OPR SHUT-OFF
81240012 DIAPHRAGM - REPLACEMENT
81640035 TUBING - 3/8" - PINCH VALVE



81240001 VALVE - AUTO DRAIN - 3/8" PLASTIC w/METAL INSERT



39840101 DRAIN - RUBBER ELBOW 32MM (1-1/4")
39850051 DRAIN - RUBBER ELBOW 19MM (3/4")



81240020 FLAPPER-CHECK VALVE-THOMPSON
81240021 FLAPPER - CHECK VALVE - 1.5" TC
81240022 FLAPPER - CHECK VALVE - 2" TC
81240024 FLAPPER - 1.5" DELAVAL STYLE
81240026 FLAPPER - 1.5" SURGE



81240031 SEAT-2" CHECK VALVE-3/4" HOLE
81240032 SEAT-1.5" CHECK VALVE-3/4" HOLE
81240033 SEAT-2" CHECK VALVE-7/8" HOLE
81240034 SEAT-1.5" CHECK VALVE-BLANK



81240027 GASKET-1.5" RESTRICTOR-1/8" HOLE
81240028 GASKET-2" RESTRICTOR-1/8" HOLE
81240029 GASKET-2.5" RESTRICTOR-1/8" HOLE
81240030 GASKET-3" RESTRICTOR-1/8" HOLE

RECEIVER GROUP/VALVES

**NEW SERIES 51 VNE VALVES**

81600300	VALVE-TC-BUTTERFLY-1"
81600301	VALVE-TC-BUTTERFLY-1.5"
81600302	VALVE-TC-BUTTERFLY-2"E
81600303	VALVE-TC-BUTTERFLY-2.5"
81600304	VALVE-TC-BUTTERFLY-3"
81600305	VALVE-TC-BUTTERFLY-4"

**VNE VALVES**

81600306	VALVE-WELD-BUTTERFLY-1"
81600307	VALVE-WELD-BUTTERFLY-1.5"
81600308	VALVE-WELD-BUTTERFLY-2"
81600309	VALVE-WELD-BUTTERFLY-2.5"
81600310	VALVE-WELD-BUTTERFLY-3"
81600311	VALVE-WELD-BUTTERFLY-4"



81600351	VALVE-AIR ACTUATED-1" TC-VNE
81600352	VALVE-AIR ACTUATED-1.5" TC-VNE
81600353	VALVE-AIR ACTUATED-2.0" TC-VNE
81600354	VALVE-AIR ACTUATED-2.5" TC-VNE
81600355	VALVE-AIR ACTUATED-3" TC-VNE
81600356	VALVE-AIR ACTUATED-4" TC-VNE
81610026	ACTUATOR ONLY

**MODEL V GASKETS**

81600061	SEAL-SILICONE-YELLOW-1"-BFV
81600062	SEAL-SILICONE-YELLOW-1-1/2"-BFV
81600063	SEAL-SILICONE-YELLOW-2"-BFV
81600064	SEAL-SILICONE-YELLOW-2-1/2"-BFV
81600065	SEAL-SILICONE-YELLOW-3"-BFV
81600066	SEAL-SILICONE-YELLOW-4"-BFV



81620000	VALVE-BULK TANK-2" NUT X 2" THR
81620001	VALVE-BULK TANK-2" TC X 2" THR
81620002	VALVE-BULK TANK-2.5" TC X 2.5" THR
81620003	VALVE-BULK TANK-3" NUT X 3" THR
81620004	VALVE-BULK TANK-3" TC X 3" THR



81600038	SEAL-SILICONE-ORANGE-1" BFV
81600006	SEAL-SILICONE-ORANGE-1.5" BFV
81600007	SEAL-SILICONE-ORANGE-2" BFV
81600045	SEAL-SILICONE-ORANGE-2-1/2" BFV
81600008	SEAL-SILICONE-ORANGE-3" BFV
81600009	SEAL-SILICONE-ORANGE-4" BFV

**SPI VALVES**

81610000	VALVE-AIR ACTUATED-1.5" TC-SPI
81610001	VALVE-AIR ACTUATED-2" TC-SPI
81610002	VALVE-AIR ACTUATED-2.5" TC-SPI
81610003	VALVE-AIR ACTUATED-3" TC-SPI
81610004	VALVE-AIR ACTUATED-4" TC-SPI



81610006	ACTUATOR ONLY - SPI - 1-1/2" - 2"
81610005	ACTUATOR ONLY - SPI - 3" - 4"
81610012	REPAIR KIT - ACTUATOR - SPI



81600074	VALVE-BFV-3"-SPI-MANUAL-CLAMP
81600147	VALVE-BFV-3"-SPI-WELD-MANUAL

**51 SERIES GASKETS**

81600324	SEAL - SILICONE - BFV - 1"
81600325	SEAL - SILICONE - BFV - 1.5"
81600326	SEAL - SILICONE - BFV - 2"
81600327	SEAL - SILICONE - BFV - 2.5"
81600328	SEAL - SILICONE - BFV - 3"
81600329	SEAL - SILICONE - BFV - 4"

**SPI GASKETS**

81600022	SEAT - VALVE - 1" - SPI
81600023	SEAT - VALVE - 1.5" - SPI
81600024	SEAT - VALVE - 2" - SPI
81600025	SEAT - VALVE - 3" - SPI
81600026	SEAT - VALVE - 4" - SPI
81600039	SEAT - VALVE - 2.5" - SPI



81600014	VALVE - BREAKAWAY BFV - 1.5"
81600015	VALVE - BREAKAWAY BFV - 2"

**SPACE SAVER VALVES**

81600103	VALVE - BUTTERFLY - 1.5" SPACESAVER
81600104	VALVE - BUTTERFLY - 2.0" SPACESAVER
81600105	VALVE - BUTTERFLY - 2.5" SPACESAVER
81600106	VALVE - BUTTERFLY - 3.0" SPACESAVER
81600107	VALVE - BUTTERFLY - 4.0" SPACESAVER



81600027	SEAL-1.5"-EPDM-BFV-BRADFORD
81600028	SEAL-2"-EPDM-BFV-BRADFORD
81600029	SEAL-2.5"-EPDM-BFV-BRADFORD
81600030	SEAL-3" EPDM-BFV-BRADFORD



81600016	INSERT-RUBBER-1.5" BREAKAWAY VLV
81600017	INSERT-RUBBER-2" BREAKAWAY VLV
81600018	VALVE-TC-BUTTERFLY-1.5"-BRADFORD
81600019	VALVE-TC-BUTTERFLY-2"-BRADFORD
81600020	VALVE-TC-BUTTERFLY-2.5"-BRADFORD
81600021	VALVE-TC-BUTTERFLY-3"-BRADFORD
*USE 51 SERIES GASKETS	

**BRADFORD ECONOMY BUTTERFLY VALVES**

81600053	VALVE - TC - BFV - 1.5" - 304SS
81600054	VALVE - TC - BFV - 2.0" - 304SS
81600055	VALVE - TC - BFV - 3.0" - 304SS
*USE 51 SERIES GASKETS	

RECEIVER GROUP/VALVES



- 81630000 VALVE- Y CHECK-1.5" SPI-1 PC
81630001 VALVE- Y CHECK-2" SPI-1 PC
81630068 VALVE- Y CHECK-2-1/2" SPI-1 PC

- 81630186 BALL1-1/8" - TEFLON
81630010 BALL - Y CHECK 1-1/2" BUNA-TRI CLOVER
81630012 BALL - Y CHECK 1-1/2" - 2" BUNA
81630011 BALL - Y CHECK 1-1/2" - 2" EPDM
81630013 BALL - Y CHECK 1-1/2" - 2" NYLON
81630065 BALL - Y CHECK 2-1/2" - 3" BUNA
81630066 BALL - Y CHECK 2-1/2" - 3" EPDM



- 81630004 VALVE-Y CHECK-1.5" VNE-2 PC-VITON
81630151 VALVE-Y CHECK-1.5" VNE-2 PC
81630077 VALVE- Y CHECK - 3" VNE-2 PC
81630006 BALL-Y CHECK - 2" VNE-2.625"
81630189 BALL-Y CHECK-1.5" VNE-2.125"-VITON
81630007 BALL-Y CHECK-1.5" VNE-2.125"-BUNA



- 81630162 VALVE - SPRING CHECK - 1.5"
81630058 VALVE - SPRING CHECK - 2"
81630147 VALVE - SPRING CHECK - 2.5"
81630057 VALVE - SPRING CHECK - 3"
81630137 VALVE - SPRING CHECK - 3" DIXON



- 81630002 VALVE-Y CHECK-1.5" BRADFORD-2 PC
81630003 VALVE-Y CHECK-2" BRADFORD-2 PC
81630133 VALVE-Y CHECK-3" BRADFORD-2 PC

- 81630014 REPAIR KIT- Y CHECK-1.5"-BRADFORD
81630041 REPAIR KIT- Y CHECK-2"-BRADFORD
81630015 SEAL KIT- Y CHECK-1.5"-BRADFORD
81630016 SEAL KIT-Y CHECK-2"-BRADFORD
81630017 SEAT KIT-Y CHECK-2.5"-BRADFORD
81630007 BALL-Y CHECK - 2.110"
81630069 BALL-Y CHECK-3.60"
81630145 BALL-Y CHECK - 1.5" -TEFLON



- 81630040 REPAIR KIT-AIRBLOW VALVE-CMPT
81630023 PLUG & STEM-AIR BLOW VALVE-SPI
81630024 SPRING-AIR BLOW VALVE - SPI
81630025 STEM GUIDE-AIR BLOW VALVE - SPI
81630026 WASHER-AIR BLOW VALVE - SPI



- 81630021 FILTER DISC-AIR BLOW VALVE-EACH*
81630045 FILTER DISC-200/PK
81630136 FILTER DISC-200/PK - 1 MICRON

*1 MICRON



- 81630046 VALVE - BALL CHECK - 1.5"
81630049 VALVE - BALL CHECK - 2"
81630067 VALVE - BALL CHECK - 2.5"



- 81630047 BALL-CHECK VALVE - 1.5"
81630050 BALL-CHECK VALVE - 2"
81630095 BALL-CHECK VALVE - 2.5"
81630048 PIN -CHECK VALVE - 1.5"
81630051 PIN -CHECK VALVE - 2"
81630096 PIN -CHECK VALVE - 2.5"

Ball Valves



- 81630034 3-WAY VALVE - 1.5"
81610041 3-WAY VALVE - 2"
89991057 3-WAY - 1" - T CONF - MANUAL



- 81630031 VALVE - SHUTOFF BALL TYPE 3/4"
81630032 VALVE - SHUTOFF BALL TYPE 1.0"
81630036 VALVE - SHUTOFF BALL TYPE 1.5"
81630033 SEAL KIT - 3/4" BALL VALVE
81630042 SEAL KIT - 1-1/2" BALL VALVE



- 81610018 3-WAY - 1.0" - T CONF
81610021 3-WAY - 1.0" - L CONF
81610047 3-WAY - 1.5" - L CONF
81610041 3-WAY - 2" - L CONF



- 81630018 VALVE-AIR BLOW-1.5" W/3/8" NPT
81630019 VALVE-AIR BLOW-2" W/3/8" NPT
81630020 VALVE-AIR BLOW-2.5" W/3/8" NPT
81630078 VALVE-AIR BLOW-4" W/3/8" NPT



- 81630037 VALVE -AIR BLOW 1.5" W/1/2"NPT
81630038 VALVE -AIR BLOW 2" W/1/2"NPT
81630039 VALVE -AIR BLOW 2.5" W/1/2"NPT



- 81630126 VALVE -AIR BLOW 1.5" W/QUICK CPL
81630127 VALVE -AIR BLOW 2" W/QUICK CPL
81630128 VALVE -AIR BLOW 2.5" W/QUICK CPL
81630129 VALVE -AIR BLOW 3" W/QUICK CPL
81630130 VALVE -AIR BLOW 4" W/QUICK CPL

RECEIVER GROUP/VALVES

PVE Valves



81630138	VALVE PVE - 1" 3WAY - EPDM
81630035	VALVE PVE - 1.5" 3WAY - EPDM
81630160	VALVE PVE - 2" 3WAY - EPDM
81630072	VALVE PVE - 1.5" 3WAY - VITON
81630090	VALVE PVE - 2" 3WAY - VITON
81630143	VALVE PVE - 3" 3WAY - VITON



81630098	VALVE-PVE -1"- 2WAY - EPDM
81630043	VALVE-PVE -1.5"- 2WAY - EPDM
81630044	VALVE-PVE - 2"- 2WAY - EPDM
81630055	VALVE-PVE - 3"- 2WAY - EPDM
81630079	VALVE-PVE -1.5"- 2WAY - VITON
81630080	VALVE-PVE - 2"- 2WAY - VITON
81630081	VALVE-PVE - 3"- 2WAY - VITON



81630084	VALVE - PVE - 1.5" - CROSSBODY
81630085	VALVE - PVE - 3" - CROSSBODY

SPI Diverter Valves



81610020	VALVE-DIVERTER-3WAY-1.5" TC - SP160
81610019	VALVE-DIVERTER-3WAY-2" TC - SP160
81610033	ACTUATOR REPAIR KIT - SP160
81610032	PLUG & STEM - VITON - 2"
81610077	ACTUATOR ONLY - SP160



81630148	ACTUATOR - PVE VALVE - 1"
81630059	ACTUATOR - PVE VALVE - 1.5" & 2"
81630083	ACTUATOR - PVE VALVE - 2.5" & 3"
81630063	SEAL
81630064	GUIDE



VITON SEALS

81630063	SEAL PISTON - 1.5" - 2" - PVE - VITON
81630082	SEAL PISTON - 2.5" - 3" - PVE - VITON
81630061	SEAL - SEAT - 1.5" - PVE - VITON
81630062	SEAL - SEAT - 2" - PVE - VITON
81630171	SEAL - SEAT - 3" - PVE - VITON



EPDM SEALS

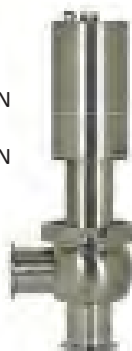
81630052	SEAL - PISTON ROD - 1.5"
81630053	SEAL - SEAT - 1.5" PVE
81630054	SEAL - SEAT - 2" PVE
81630056	SEAL - SEAT - 3" PVE

RECEIVER GROUP/VALVES

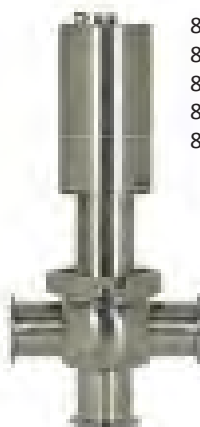
Dixon SV Valves



- 81630105 SEAT VALVE - SSV-3WAY-1" TC - VITON
- 81630106 SEAT VALVE - SSV-3WAY-1-1/2" TC - VITON
- 81630107 SEAT VALVE - SSV-3WAY-2" TC - VITON
- 81630108 SEAT VALVE - SSV-3WAY-2-1/2" TC - VITON
- 81630109 SEAT VALVE - SSV-3WAY-3" TC - VITON



- 81630100 SEAT VALVE - SSV-2WAY-1" TC - VITON
- 81630101 SEAT VALVE - SSV-2WAY-1-1/2" TC - VITON
- 81630102 SEAT VALVE - SSV-2WAY-2" TC - VITON
- 81630103 SEAT VALVE - SSV-2WAY-2-1/2" TC - VITON
- 81630104 SEAT VALVE - SSV-2WAY-3" TC - VITON



- 81630158 VALVE-SSV-2WAY-1"TC - T BODY
- 81630121 VALVE-SSV-2WAY-1.5"TC - T BODY
- 81630122 VALVE-SSV-2WAY-2"TC - T BODY
- 81630123 VALVE-SSV-2WAY-2.5"TC - T BODY
- 81630124 VALVE-SSV-2WAY-3"TC - T BODY



- 81630150 ACTUATOR - SSV VALVE - 1"
- 81630166 ACTUATOR - SSV VALVE - 1.5" - 2"



- 81630134 VALVE - SSV 3WAY 2" DOUBLE ACTION



- 81630152 SEAL KIT - 1.5" 2WAY - VITON
- 81630153 SEAL KIT - 2" 2WAY - VITON
- 81630154 SEAL KIT - 3" 2WAY - VITON
- 81630155 SEAL KIT - 1" 3WAY - VITON
- 81630156 SEAL KIT - 1.5" 3WAY - VITON
- 81630157 SEAL KIT - 2" 3WAY - VITON



- 81630146 BRACKET BOLT - SSV PROX SWITCH 1" - 1.5"



- 81630131 SWITCH - PROX - 3/8"
- 90070320 SWITCH - PROX - 1/2"

Lumaco Minidisc Valves



81610035	VALVE AIR ACT - MINIDISC - 1.5"
81610036	VALVE AIR ACT - MINIDISC - 2"
81610037	VALVE AIR ACT - MINIDISC - 2.5"
81610038	VALVE AIR ACT - MINIDISC - 3"
81610039	VALVE AIR ACT - MINIDISC - 4"
81610057	VALVE - AIR ACTD - MINIDISC - 3" WELD

81610070	ACTUATOR	1.5"
81610071	ACTUATOR	2.0"
81610072	ACTUATOR	2.5"
81610073	ACTUATOR	3"
81610074	ACTUATOR	4"
81610089	PISTON SEAL SERIES 60	
81610090	END CAP O-RING SERIES 60	
81610080	PISTON SEAL SERIES 70	
81610079	END CAP O-RING SERIES 70	



81610048	VALVE - MANUAL - MINIDISC - 1.5"
81610049	VALVE - MANUAL - MINIDISC - 2"
81610050	VALVE - MANUAL - MINIDISC - 2.5"
81610051	VALVE - MANUAL - MINIDISC - 3"
81610052	VALVE - MANUAL - MINIDISC - 4"



81610058	SEAL - SILICONE - 1.5" MINIDISC
81610059	SEAL - SILICONE - 2" MINIDISC
81610060	SEAL - SILICONE - 2.5" MINIDISC
81610061	SEAL - SILICONE - 3" MINIDISC
81610062	SEAL - SILICONE - 4" MINIDISC

81610084	SEAL - VITON - 1.5" MINIDISC
81610085	SEAL - VITON - 2" MINIDISC
81610086	SEAL - VITON - 2.5" MINIDISC
81610087	SEAL - VITON - 3" MINIDISC
81610088	SEAL - VITON - 4" MINIDISC

81610095	SEAL - EPDM - 3" MINIDISC
----------	---------------------------



81610065	O-RING - STEM - 1.5" MINIDISC
81610066	O-RING - STEM - 2" MINIDISC
81610067	O-RING - STEM - 2.5" MINIDISC
81610068	O-RING - STEM - 3" MINIDISC
81610069	O-RING - STEM - 4" MINIDISC

DAIRY
 source

HORIZONTAL RECEIVER JAR ORDER FORM

 APPROVED BY DEALER REPRESENTATIVE:

PLEASE SIGN

DATE:

SALESPERSON:

CUSTOMER:

☐ SAME

SHIP TO:

STREET:

STREET:

CITY:

CITY:

STATE:

ZIP:

STATE:

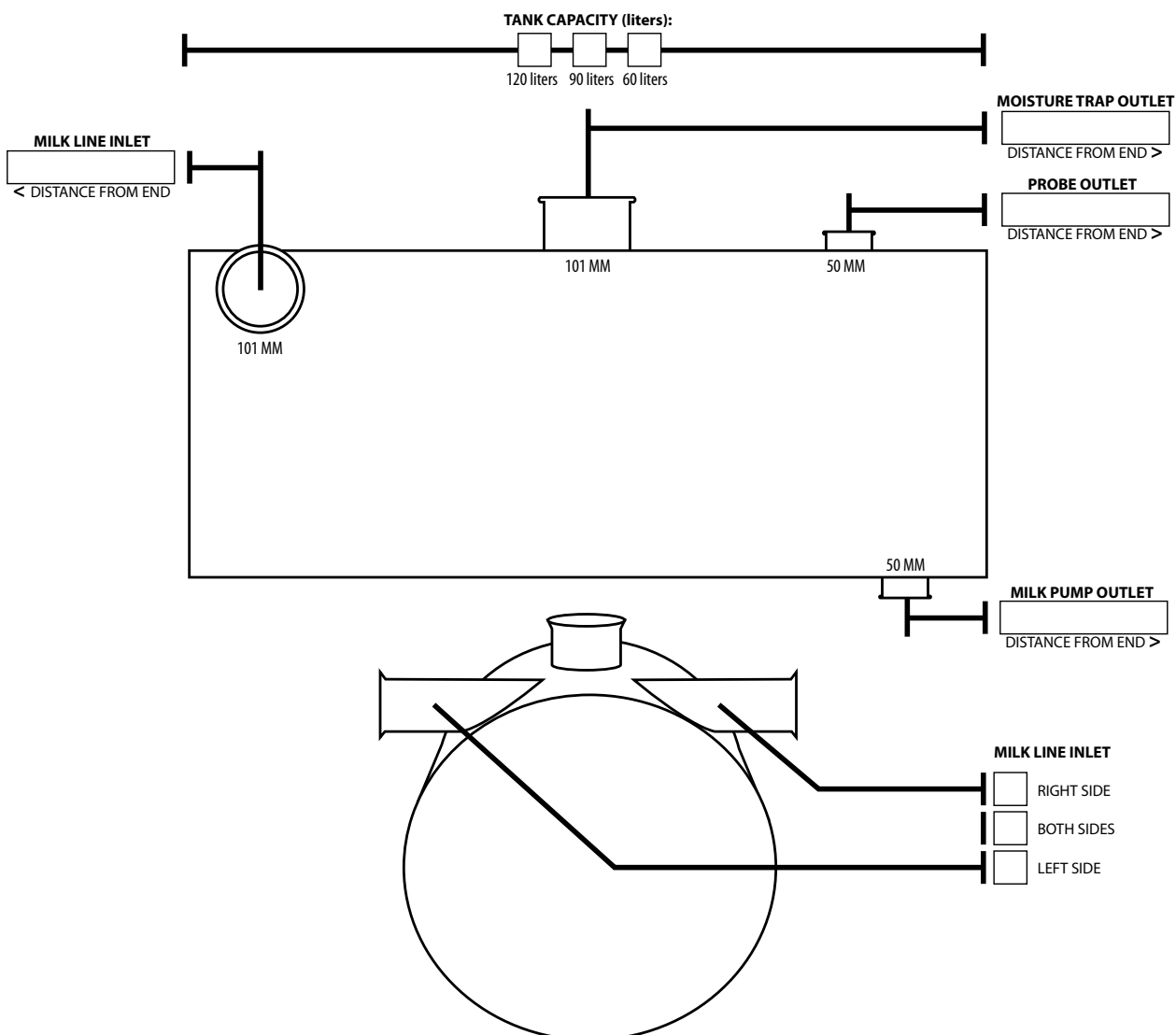
ZIP:

CUSTOMER NUMBER:

PURCHASE ORDER #:

SALES ORDER #:

SHIP VIA:



NOTE:

Discharge is always at 90 degrees. All other measurements should be made from this point. All inlets must be placed below the upper weld line located 4" under the receiver lid and above lower weld line located 5" above outlet center.

DAIRY
source

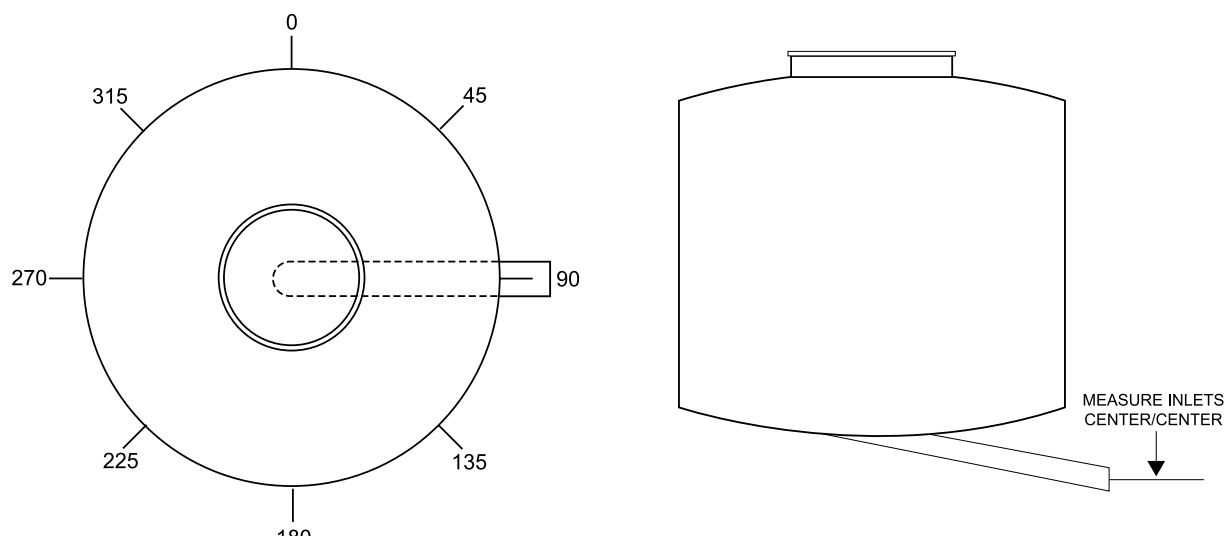
VERTICAL RECEIVER JAR ORDER FORM

 APPROVED BY DEALER REPRESENTATIVE:

PLEASE SIGN

DATE: SALESPERSON:

CUSTOMER:		☐ SAME SHIP TO:	
STREET:		STREET:	
CITY:		CITY:	
STATE:	ZIP:	STATE:	ZIP:
CUSTOMER NUMBER:		PURCHASE ORDER #:	
SALES ORDER #:		SHIP VIA:	



JAR SIZE _____ PART # _____ IN STAND: YES NO

OUTLET SIZE _____ INLET HEIGHT _____ FERRULE ON OUTLET: YES NO

INLET LOCATION, SIZE AND TYPE:

	SIDE/TOP	LOCATION	SIZE	BUTT/45	FERRULE/WELD	PART #
A						
B						
C						
D						
E						

NOTE:

Discharge is always at 90 degrees. All other measurements should be made from this point. All inlets must be placed below the upper weld line located 4" under the receiver lid and above lower weld line located 5" above outlet center.

NOTES

[illegible]



MILK HARVEST

MILK HARVEST

MILK HARVEST

MILK HARVEST

Waikato Claws



The Waikato 320 Claw is a masterpiece of engineering. With large bore inlets and a 5/8" or 3/4" milk outlet, the 320 Claw can handle the milk volume from your highest producing cows with ease. They are light weight (420 grams) and high capacity (320cc's). These should be included in your next system or upgrade.

- 37136009 - CLAW-320-2+2- VENT-W/SHUT OFF-19mm-3A
- 37136004 - CLAW-320-2+2- VENT NO S/OFF-19MM-3A
- 37136005 - CLAW-320-2+2- VENT - NO S/OFF-25MM-3A
- 37136014 - CLAW-320HP-2+2-NO S/OFF-NO VENT-25MM-3A
- 37136015 - CLAW-320HP-2+2-S/OFF-NO VENT-19MM-3A
- 37136019 - CLAW-320HP-2+2-S/OFF-VENT-19MM-3A
- 37136023 - CLAW-320HP-2+2-NO S/OFF-VENT-19MM-3A
- 37136024 - CLAW-320HP-2+2-NO S/OFF-VENT-25MM-3A
- 80011397 - CLAW-320HP-2+2-NO S/OFF-NO VENT-19MM-3A

Replacement parts available, see Section 9.



Waikato Nimbus milking claws feature separation baffles to separate milk flow and minimize cross contamination. They are light in weight, come with or without automatic shutoffs and are extremely durable.

- 37135002 CLAW-NIMBUS-4+0 WEIGHT W/SHUT
- 37135006 CLAW-NIMBUS-2+2-NO WEIGHT W/SH
- 37135007 CLAW-NIMBUS-2+2-NO WEIGHT/SHUT

Replacement parts available, see Section 9.



- 39650704 SHELL-S/S LGHTWGHT 260G-WAIKATO
- 39650714 SHELL-S/S STANDARD-320G-WAIKATO



- 37136110 BOWL - 320 - W/SHUTOFF - COMPLETE
- 37136113 BOWL - 320 - NO SHUTOFF
- 37136114 BOWL - 320 - W/3/4" OUTLETS
- 37136116 BOWL - 320 - W/SHUTOFF

Genuine Waikato Inflations



Waikato brand inflations fit Waikato and other NZ style shells. Do to their unique rubber formulation and design, they align well and milk out quickly with minimum slippage. It is recommended they be changed every 2500 milkings.

- 39800577 LINER-SUPA 10 LB
- 39800904 LINER-SUPALINER-LARGE TUBE
- 39800962 LINER-CLASSIC-LARGE TUBE
- 39800582 LINER-QUADRANT - SQUARE

Coming Soon - Vented Quadrant Liners

300 Style Claws



- 81300110 CLAW-300 - PLASTIC AIRFORK-SS W/SHUT OFF
- 81300121 CLAW-300 - F/R-SS AIRFORK W/SHUT OFF
- 81300082 CLAW-300 - F/R-SS - NO SHUTOFF
- 81300111 CLAW-300 - W/O SHUTOFF

Replacement parts available, see Section 9.



- 81300128 CLAW - 300E - SS AIRFORK W/O SHUT OFF

Flo Star Style Claws



- 81300143 CLAW - FS STYLE - NO SHUTOFF



- 81300144 CLAW - FS STYLE - W/SHUTOFF

MILK HARVEST

Stainless Steel Barrel Claws



813000002 CLAW PARALLEL-BM STYLE - 3/4"OD
813000003 CLAW PARALLEL-BM STYLE - 7/8"OD



81300009 CLAW - CA - PARALLEL - 3/4"OD



81300004 CLAW - 3/4"OD



81300000 CLAW - CA - H BONE - TU - 3/4"OD

DV Style Claws



81300005 CLAW - FLOW VIEW - DV STYLE



81300064 PLUG - TU - CLAW - 3/4" (5/8" HOSE)

81300065 PLUG - TU - CLAW - 7/8" (3/4" HOSE)



81300047 CLAW PAD - RUBBER - STANDARD
81300048 CLAW PAD - RUBBER WIDE



81300012 WINDOW - CA/GERMANIA
81300017 GASKET - CA/GERMANIA
81300049 CLIP - BACKFLUSH - CA CLAW



81300013 WINDOW - BM STYLE
81300018 GASKET - BM STYLE



81300011 WINDOW - CLAW - ECLIPSE
81300016 GASKET - CLAW - ECLIPSE
81300050 CLIP - CLAW ECLIPSE



81300040 BUMPER-CLAW-MEDIUM BODY-BM
81300041 BUMPER-CLAW-STANDARD BODY-BM
81300043 BUMPER-CLAW-WESTERN STYLE
81300044 BUMPER-CLAW-WIDE BODY-BM



81360009 RUBBER Y ONLY
81360004 INSERT



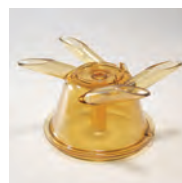
81300027 AIR FORK-FTR-5/16"-SS
81300028 AIR FORK - SINGLE - 3/8" - SS
81300029 AIR FORK - STS - 5/16" - SS



- 81300033 BOWL-CLAW-FLO VIEW - COMPLETE
 81300034 BOWL-CLAW-SUPER FLO VIEW-DV
 81300036 BOWL-CLAW-W/O SHUT OFF-SUPER FLO
 81300081 BOWL KIT-SUPER FLO VIEW-W/SHUTOFF
 81300055 GASKET - SUPER FLOW VIEW
 81300124 GASKET - FLO VIEW



- 81300037 BOWL-REPLACEMENT-CLAW-UNIVERSAL
 81300057 GASKET - CLAW BOWL - UNIVERSAL



- 81300104 TOP VENTED FS CLASSIC COPY (SHORT)
 81300105 TOP VENTED FS STD COPY (TALL)
 81300116 TOP FS NON-VENTED - STD
 81300117 TOP FS NON-VENTED - CLASSIC



- 81300035 BOWL-CLAW-TIDAL FLOW
 81300056 GASKET - CLAW BOWL - UNIVERSAL W/TABS

- 81300107 KIT - FS - CLAW - 6-PIECE
 81300108 KIT - FS - CLAW - 9-PIECE

Replacement parts available, see Section 9.



- 81300114 BOWL KIT - W/SHUTOFF - 300 CLAW
 81300115 BOWL KIT - W/O SHUTOFF - 300 CLAW
 81300122 RUBBER PARTS KIT - 300 CLAW W/O SHUTOFF
 81300123 RUBBER PARTS KIT - 300 CLAW W/SHUTOFF
 81300125 BOWL ONLY - W/O SHUTOFF
 81300126 BOWL ONLY - W/SHUTOFF



- 81300130 TOP - ORBIT CLAW - W/NUTS
 81300135 GASKET - ORBIT CLAW



- 81360011 VALVE-SHUTOFF-5/8"-DELIN
 81360014 VALVE-SHUTOFF-3/4"-DELIN
 81360002 VALVE GASKET W/TAB
 81360003 O-RING - DELRIN SHUTOFF



- 81300011 WINDOW-CLAW - ECLIPSE STYLE
 81300012 WINDOW-CLAW - GERMANIA STYLE
 81300013 WINDOW-CLAW - BM STYLE
 81300015 WINDOW-CLAW - WESTF STYLE
 81300016 GASKET-CLAW - ECLIPSE STYLE
 81300017 GASKET-CLAW - GERMANIA STYLE
 81300018 GASKET-CLAW - BM STYLE
 81300020 GASKET-CLAW - WESTF STYLE



- 81330055 VALVE-AIR PINCH-3/4" & 7/8"-W/ 5/32"
 81330056 VALVE-AIR PINCH-5/8"-W/ 5/32"T
 81330057 VALVE-AIR PINCH-3/8", 7/8"- W/ 1/4"T
 81330098 VALVE-AIR PINCH-5/8" - W/ 1/4"T
 81330052 KIT-REPAIR-AIR PINCH VALVE
 81330050 BOOT-COVER



- 39650706 CLAMP-SNAP-SMALL S/S, 9/16
 39650806 CLAMP-SNAP-LARGE S/S, 5/8



- 81640069 SPRING - SUPPORT - 5/8" MILK HOSE
 81640068 SPRING - SUPPORT - 3/4" MILK HOSE



- 81330051 CLAMP -3/4" - PINCH - MANUAL BLK



- 81750161 NIPPLE - CONNECTER -3/4" OD X 4"
 81750002 NIPPLE - CONNECTER -7/8" OD X 4"
 38050704 TUBE CONNECTOR - 5/8" ID - 2.5"



- 81360012 VALVE-SHUTOFF-5/8" PLASTIC
 81360001 VALVE GASKET WITH TAB
 81360006 O-RING - PLASTIC SHUTOFF



- 81360010 VALVE - SHUTOFF -5/8" S/S



- 81640072 TUBE - REDUCING 1" X 3/4" PLASTIC
 81750152 REDUCER - 3/4" OD X 7/8" OD - SS
 81750170 REDUCER - 7/8" OD X 1" OD - SS
 81750155 REDUCER - 3/4" OD X 1" ID - SS

MILK HARVEST

Waikato Premium Inflations



These inflations are engineered to provide fast milkout while keeping squawks to a minimum. We have models to fit most popular shells. They are made to match or exceed the performance of most competitive brands. We recommend replacing every 1200 milkings. (100 inflations per case.)

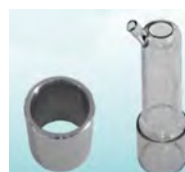
81390000	INFLATION JF48-JF + BM SHELLS	81390004	INFLATION IU-282 - UNIVERSAL PLASTIC SHELLS
81390003	INFLATION IB-R1C-BM SHELLS	81390005	INFLATION ID-01A - WS + DV 06 SHELLS
81390018	INFLATION JF626LT	81390006	INFLATION ID-08E - WS + DV 06 SHELLS



81300021	MILKER SHELL-06 ROLLED SS-DV STYLE
81300022	MILKER SHELL-06-SS - WS STYLE
81300023	MILKER SHELL-07 BM STYLE
81300024	MILKER SHELL-SS JF SG STYLE



81300053	EXTENSION-CLAW-S TUBE-7/16" EA
81300052	EXTENSION-CLAW-S TUBE-1/2" EA



81300074	SHELL-UNIVERSAL-PLASTIC - REPL
81300079	WEIGHT-SS-UNIVERSAL SHELL
81300083	SHELL-BLACK PLASTIC-US SELECT BM STYLE



39800352	REDUCER - STRAIGHT - 7/8" TO 5/8"
----------	-----------------------------------



81310006	TUBE-AIR-CLAW-3/16" X 8"
81310007	TUBE-AIR-CLAW-1/4" X 6.5"
81310003	TUBE-AIR-CLAW-1/4" X 7.5"
81310002	TUBE-AIR-CLAW-9/32" X 9"
81310004	TUBE-AIR-CLAW-1/4" X 9"
81310005	TUBE-AIR-CLAW-9/32" X 7.5"



81360020	BEND- SILICONE 7/8"ID - LONG TAIL 2-1/2" X 19-1/4"
----------	--



81310009	TUBE - AIR - 1/4" X 7" CLEAR
----------	------------------------------



90040002	90 DEGREE - RUBBER -ELBOW-5/8" 3-1/2" X 12"
----------	---



81310008	TUBE-MILK-BM STYLE 7/16"
----------	--------------------------



39800883	BEND SHORT TAIL - 19MM - 5/8" 2-1/2" X 2-1/2"
----------	---



32146202	PLUG-SHUT OFF-INFLATION-BLUE
----------	------------------------------



39800882	BEND LONG TAIL - 19MM - 5/8" 2-1/2" X 9"
----------	--



81360008	PLUG - SHUTOFF - INFLATION BLK RBR
----------	------------------------------------



81360016	BEND - SILICONE-3/4" ID - 3" X 6"
81360017	BEND - SILICONE-5/8" ID - 3" X 6"



81390100	ADAPTER-INFLATION-LG-MILK EASY
81390101	ADAPTER-INFLATION-SM-MILK EASY

Goat Milking



81370001 MILK Y - GOAT CLAW

81370002 VACUUM Y TYPE GOAT
CLAW

81370003 BRACKET



81370008 CLAW- ITP206 - LOWLINE VENTED



81300139 CLAW - ITP205



81300076 SHELL-PLASTIC-GOAT MILKING

81370000 GOAT LINER - SILICONE



37125170 CLAW - ITP207



37125172 SHELL - GOAT - WITH RING

37125173 LINER - SILICONE D20 - ROUNDED



81370015 CLAW - VANGUARD



81370010 SHELL - GOAT - FOR EXTENDED LINER

81370009 LINER - SILICONE - EXTENDED - GOAT



37125189 JETTER - OPTIFLOW
SHEEP OR GOAT



81370013 SHELL - SHEEP - FOR EXTENDED LINER

81370012 LINER - SILICONE - EXTENDED - SHEEP

MILK HARVEST



Waikato SMARTPULS

SmartPuls pulsators are a new generation product developed with today's high performance dairies in mind. They feature digital electronics and precision solenoids to name just a couple of the long list of features. Precision solenoids offer extremely long life-200 million cycles. Most dairies use one pulsator for 2 claws to save on installation expense. Ratios are adjustable from 50:50 to 70:30; 8 total settings. Rate from 50 to 180 pulses per minute make SmartPuls the smart choice for all cow, goat and sheep dairies.

38112000	SMARTPULS I - 2-CLAW PULSATOR
38112002	SMARTPULS R - 2-CLAW PULSATOR
38112004	SMARTPULS SI - SINGLE-CLAW PULSATOR
38112006	SMARTPULS SR - SINGLE-CLAW PULSATOR

Replacement parts available, see Section 9.



37107909	POWER SUPPLY-24V/5A-NT24
37107921	POWER SUPPLY-12V 22A
37107016	POWER SUPPLY - SMART - 24V
37107910	POWER SUPPLY - 12V - 10A



38108007	CONTROLLER-RIPPLE PHASE-WAIKATO
37107997	FUSE-4 AMP-WAIKATO



38108100	MULTIMOUNT-PULSATOR-WAIKATO
----------	-----------------------------



37107001	MOUNT-PULSATOR-THREADED 1/2" BSP
----------	----------------------------------



37140510	AIR FILTER ASSEMBLY
37140509	REPLACEMENT FILTER



38108020	SERVICE KIT-WAIKATO 2+2-(DIAPH
38109120	SERVICE KIT- NT24 - PULSATOR
38112105	SERVICE KIT - SMARTPULS NO C-PHASE FILTER - INTERNAL



37140516	CONDUIT-25MM-FLEXIBLE BLACK-FI
37140517	GROMMET-RUBBER-18MM-FIL- TERED A
37140518	CONNECTOR-NIPPLE-3/4"-FILTERED
90059057	BARBED NIPPLE-3/4" X 1/2" NPT



37107919	LOOM - MODEL I - PULSATORS
38108009	LOOM - MODEL R - PULSATORS

*ORDER 1 PER PULSATOR



38109051BK	PULSEGUARD
38109151BK	SCREEN - PULSEGUARD
38109150BK	SCREEN - PULSEGUARD - 10 PK
38109510	O RING - PULSEGUARD



90059057	ADAPTER - 1/2"NPT X 3/4" BARB
----------	-------------------------------

WAIKATO PULSATION ORDER GUIDE - *These items are required for warranty.

	Pulsator	# Needed	Mount	Power Supply*	Ripple Phase Controller*	Air Filter*	Loom - 38107919	Loom - 38108009*
SmartPuls	38112000	1/2 Claws	1/Pulsator	1 - 5A-24V / 30 PULS	No	1 / 4 or 5 Puls	1 / Puls	
	38112004	1 Claw	1/Pulsator	1 - 5A-24V / 30 PULS	No	1 / 4 or 5 Puls	1 / Puls	
	38112002	1/2 Claws	1/Pulsator	1 - 5A-24V / 30 PULS	1 / 30 Puls	1 / 4 or 5 Puls		1 / Puls
	38112006	1 Claw	1/Pulsator	1 - 5A-24V / 30 PULS	1 / 30 Puls	1 / 4 or 5 Puls		1 / Puls



The L02V is a vacuum operated 2 + 2 system providing reliable pulsation and efficient milking. The 2 + 2 configuration minimizes vacuum fluctuations by steadying milk flow from the claw. With no electrical components the L02V is especially suitable for dairies where a reliable power source is an issue. All of the Interpuls adapters work with these pulsators.

38111001 PULSATOR - VAC - 2+2 L02V - WAIKATO

81320089 L02 SERVICE KIT



81320000 PULSATOR-L80 INTERPULS-60:40 R

81320001 PULSATOR-L80 INTERPULS-70:30 R

81320008 REPAIR KIT - L80 - 60:40



81320002 PULSATOR-LL90 INTERPULS-60:40

81320003 PULSATOR-LL90 INTERPULS-70:30

81320069 PULSATOR-LL90 INTERPULS-65:35

81320009 REPAIR KIT - LL90 - 60:40



81320015 ADAPTER - ASSEMBLY
DL TYPE 20



81320020 ADAPTER - DELAVAL
DV300



81320024 ADAPTER - SURGE
BUCKET



81320018 ADAPTER - SURGE
SQUARE



81320022 ADAPTER - LID
DELAVAL BUCKET



81320088 ADAPTER - PARLOR
MOUNT



81320019 ADAPTER - UNIVER-
SAL



81320023 ADAPTER - PUSH-ON



81320090 ADAPTER - SURGE
ROUND
81320070 ADAPTER
BOUMATIC



81320006 PULSATOR-PRTBL-ALTRNTNG-BM

STY

81320007 PULSATOR-PRTBL-W/FRESH AIR-BM



81320004 PULSATOR-PERM MNT-BM STYLE

81320005 PULSATOR-PERM MNT
W/FRESH AIR



81320109 PULSATOR - BM STYLE - PORTABLE
BLACK COIL

81320108 PULSATOR - BM STYLE - BLACK COIL
W/FRESH AIR

Replacement parts available, see Section 9.



90020422 PULSATOR - BM STYLE - BLUE



81170015 STALLCOCK-THREADED-BM STYLE

81170016 STALLCOCK - CLAMP ON - ELECTRIC

81320066 REPAIR KIT - BM STYLE

81320121 REPAIR KIT - SURGE



81320085 COIL - BLACK - BM STYLE-HI FLOW

81320029 COIL - RED - BM STYLE

81320030 COIL - BLUE - BM STYLE

81320028 COIL - GREEN - STRANGKO STYLE

81320112 COIL - BLACK - STANDARD



81320110 PULSATOR - BM STYLE - BLK

PARLOR MT W/FRESH AIR

81320111 PULSATOR - BM STYLE - BLK

PARLOR MT W/O FRESH AIR



81320136 SURGE - SQUARE

81320137 SURGE - ROUND

81320138 SURGE - PARLOR

81320139 BLACK COIL - SURGE

MILK HARVEST



81320104 CONTROL - PULSATION - 12 UNIT
81320054 CONTROL - PULSATION - 12 UNIT
81320055 CONTROL-PULSATION-SURGE
32 UNIT

81320052 BOARD-PULSATION-12 UNIT-BM
81320053 BOARD-PULSATION-SURGE RPLCMNT



81170011 STALLCOCK - 1/2" NPT - ANGLED
81170013 STALLCOCK - 3/8" NPT - ANGLED



81170012 STALLCOCK-1/2" NPT-STRAIGHT
81170014 STALLCOCK-3/8" NPT-STRAIGHT



81320037 FILTER-FRESH AIR ASSMB-BM
STYL

81140023 FILTER-REPLACEMENT
81320032 COVER ONLY-REPLACEMENT



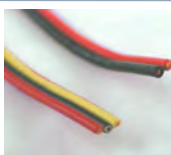
81320087 PROTECTOR - NIPPLE
BM STYLE PULS



81320040 KIT-FRESH AIR-BM STYLE PULSATOR
81320036 ELBOW - 1/4" NPT X 3/8" BARB
81320043 NIPPLE - FRESH AIR - BM STYLE PULS



81320078 COVER - BM STYLE W/SS NIPPLES



81320071 WIRE #12 STRANDED - 2 CONDUCTOR
81320072 WIRE #14 STRANDED - 3 CONDUCTOR
81320074 WIRE #12 STRANDED - 3 CONDUCTOR



81320083 GASKET - ROUND NIPPLE - SURGE



81320082 GASKET - SQUARE NIPPLE-SURGE

Pulsator Rebuild Kits



81320010 REPAIR KIT - BM PULS -5 PIECE
81320075 REPAIR KIT - BM PULS
5 PIECE DBL CAP
81320076 REPAIR KIT - BM PULS
17 PIECE DBL CAP



81320013 REPAIR KIT -SURGE ELECTRIC PULS



81320014 REPAIR KIT - UNIVERSAL PULS



81320011 REPAIR KIT - STRANGKO PULS
90020502 COIL - 24V-STRANGKO - BLUE
81320028 COIL - 24V-STRANGKO - GREEN



81320079 REPAIR KIT
NEW STYLE-DELLATRON



81320080 REPAIR KIT
OLD STYLE-DELLATRON



81320131 SERVICE KIT-BECO/TUNED
PORT PULSATOR
81320106 SEAL
81320130 NOZZLE
81320129 PISTON ASSEMBLY



81320081 REPAIR KIT - RUBBER ONLY
NEW STYLE-DELLATRON



81400019 HD JETTER /RACK ONLY



81400010 JETTER RACK - WIRE STYLE



81400116 BRACKET - 320 CLAW - CIP RACK

* Also fits FlowStar and 300 Claws



81400118 TRAY - JETTER - FOLD DOWN - 51MM



81400121 JETTER - RACK - DELRIN - SLIDE OUT 51MM



81400020 RACK - NATIONAL - JETTER ONLY



81400117 RACK - CIP DRAWER - KLEEN FLO



81400016 DISTRIBUTER TEE - S/S - JETTER NON-VENTED

81400022 DISTRIBUTER TEE - SS -JETTER VENTED



81400015 DISTRIBUTER TEE - PLASTIC JETTER

81400006 DISTRIBUTER TEE - SS SS BRANCH



81400014 TEE - BARBLESS - 5/8" - PLASTIC

81570029 TEE ONLY - 3/4" OD - SS



81400021 HANGER CLAW - CIP/CURB MOUNT

MILK HARVEST



Complete jetter tray kits include: tray, jetter cups, SS distributor tee, and duck bill drain.

- 81400009 SLIDING JETTER /RACK ONLY
- 81400012 S-HOOK
- 81400113 KIT - BM/SG COMPLETE
- 81400114 KIT - DV/WS COMPLETE



- 37122501 JETTER CP - WAIKATO #1 - NZ STL
 - 37122502 JETTER CP - WAIKATO #2 - SG/BM STL
 - 37122504 JETTER CP - WAIKATO #3 - DV STL
- FITS WAIKATO G2 AND FLOW-CONTROL JETTERS



- 81400112 CUP MANIFOLD - DV-7310
- 81400122 CUP MANIFOLD - OEM-7311



- 81400001 CUP-JETTER - 1-5/8" - BM-7340
- 81400002 CUP-JETTER - 1-3/8" - DV-7360
- 81400003 CUP-JETTER - 1-1/2" - DV-7350
- 81400004 CUP-JETTER - SG-7330-STRAIGHT SIDE



- 81400005 CUP-JETTER-BM STYLE W/LOCK RING
- 81400018 CUP-JETTER-7350-W/ LOCK RING



- 81400110 CUP - JETTER-7312 - DV CANDLE-STICK



- 81400111 CUP - JETTER-7313 - BM/SUIGE CANDLESTICK



- 81400105 JETTER CUP - VARI-FLOW 45MM
- 81400106 JETTER CUP - VARI-FLOW 35MM
- 81400115 JETTER CUP - VARI-FLOW 40MM



- 81400100 VARI FLO-JETTER ASSEMBLY W/45MM CUPS - 2" BKT

Replacement parts available, see Section 9.



- 81400011 RESTRICTOR - IN LINE - SHORT
- 81400024 RESTRICTOR - IN LINE - LONG



- 81400023 ROD - H MANIFOLD - DV STYLE
- 81400125 ROD - H MANIFOLD - CIP-53

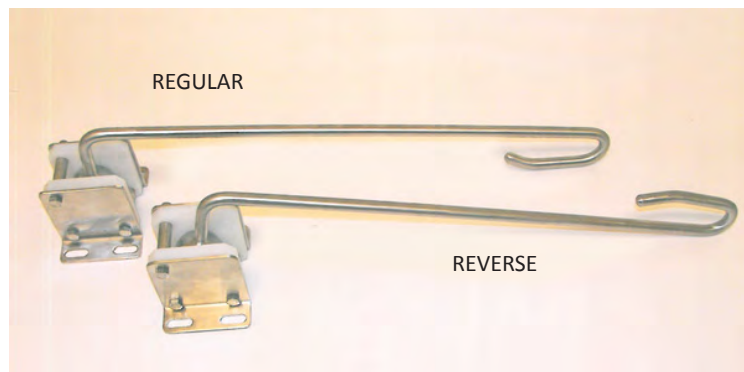


- 81400007 DUCKBILL - DRAIN



- 81400120 H MANIFOLD - DV STYLE

Hose Supports



- 81350006 ARM-HOSE SUPPORT-SS-1-5/8" - REG
- 81350007 ARM-HOSE SUPPORT-SS-2-3/8" - REG
- 81350005 ARM-HOSE SUPPORT-SS-1-5/8" REV
- 81350023 ARM-HOSE SUPPORT-SS-2-3/8" REV

- 81350028 U-BOLT ASSEMBLY - 1-5/8"
- 81350029 U-BOLT ASSEMBLY - 2"



HOSE TENDER

- 81350016 HOSE TENDER FORMED CURB
- 81350017 HOSE TENDER ROUND CURB
- 81350018 INSERT - HOSE TENDER



- 81640071 TENSIONER - CLAW - STARFISH



- 37130070 KIT-DROPPER BLOCK-2+2-WAIKATO

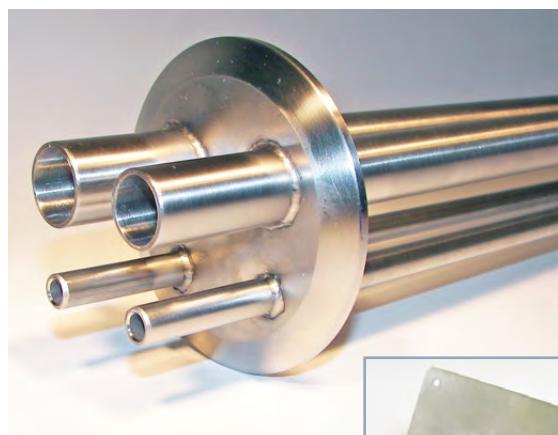
Please see SS tubing, Section 2.



- 81640066 RING - HOSE BUNDLE - BLACK
- 81640067 RING - HOSE BUNDLE - BLUE

- 81350033 SS - CONNECTOR RING

Hose Ports



Hose routing ports are made to order. We can make almost any style and configuration you need. **Please call for details.**

- 81560175 HOSE ROUTING PORT - 24" - 7/8" X 3/4" X 3/8" - STRAIGHT
- 81560176 HOSE ROUTING PORT - 7/8" X 3/4" X 3/8" - STRAIGHT
- 81560177 HOSE ROUTING PORT - 24" - 7/8" X 3/4" X 3/8" - ANGLED
- 81560247 HOSE ROUTING PORT - 5" - 1" X 3/4" X 3/8" - STRAIGHT
- 81560248 HOSE ROUTING PORT - 18" - 7/8" X 3/4" X 3/8" - STRAIGHT

- 81560173 HOSE ROUTING PLATE - 7/8" X 3/4" X 3/8" - ANGLED
- 81560174 HOSE ROUTING PLATE - 7/8" X 3/4" X 3/8" - BLANK
- 81560171 HOSE ROUTING PLATE - 7/8" X 3/4" X 3/8" - 14" STRAIGHT

MILK HARVEST



81340001 BUCKET-FRESH COW-POLY-80 LB*
81340000 BUCKET- POLY-80 LB-W/HANDLE

*PICTURED



81340039 BUCKET-50# W/LONG HNDL-INTER-PULS
81340028 BUCKET-65# W/SHRT HNDL-INTER-PULS
81340029 BUCKET-65# W/LONG HNDL-INTER-PULS



81340003 BUCKET-MILK-65#-SS-LONG HANDLE
81340036 BUCKET-MILK-65#-SS-SHORT HANDLE
81340004 BUCKET-MILK-80#-SS-LONG HANDLE
81340005 BUCKET-MILK-90#-SS-SHORT HANDLE
81340002 BUCKET-MILK-80#-SS-SHORT HANDLE



81340017 LID W/ GASKET - MILKER BUCKET
81340023 LID W/O GASKET - MILKER BUCKET
81340011 GASKET ONLY - PLASTIC LID



81340019 LID-BUCKET-DE LAVAL STYLE SS
81340020 LID-BUCKET-DELAVAL-SHORT HANDLE



81340022 LID-FRESH COW-SS-3/4" HOSE
81340021 LID-BUCKET-FRESH COW-SS - 5/8" HOSE
81340016 LID-FRESH COW-SS-5/8" HOSE LONG
81340031 LID-FRESH COW-SS-5/8" LONG W/CHECK VALVE



81320098 LID - LIBERO - W/PULS ADAPTER



81340008 CHECK VALVE - LID - FRESH COW



81340009 GASKET-LID-DELAVAL-CURRENT
81340011 GASKET-LID-FRESH COW-PLASTIC
81340012 GASKET - LID - MILKER BUCKET
81340013 GASKET-LID-QUARTER MILKER-RJB
81340014 GASKET-LID-SURGE REG
81340015 GASKET-LID-UNIVERSAL-INSIDE



81750198 SAMPLE DIPPER-4 OZ - SS - 16" HANDLE
81750241 SAMPLE DIPPER-4 OZ - SS - 40" HANDLE



81700191 E-Z SAMPLER - 5/8" OR 3/4"



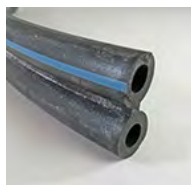
81340026 QUARTER MILKER - RJB



81640049 TUBE-MILK-1/2" X 50'-RUBBER
 81640050 TUBE-MILK-3/4" X 50'-RUBBER
 81640051 TUBE-MILK-5/8" X 50'-RUBBER
 81640052 TUBE-MILK-7/8" X 50'-RUBBER
 81640055 TUBE-MILK-9/16" X 54'-RUBBER



BRAIDED
 81640116 TUBE - BRAIDED - 1/4" X 100' ROLL
 81640036 TUBE - BRAIDED - 3/8" X 100' ROLL
 81640063 TUBE - BRAIDED - 1/2" X 100' ROLL
 81640064 TUBE - BRAIDED - 3/4" X 100' ROLL
 81640058 TUBE - BRAIDED - 1-1/2" X 100' ROLL
 81640109 TUBE - BRAIDED - 1" X 100' ROLL



39800663 TUBE-VAC-TWIN
 9/32" X 1/8" X 60'-RUBBER



81640059 HOSE-TRUCK-1" RIBBED
 81640060 HOSE-TRUCK-1.5" RIBBED
 81640061 HOSE-TRUCK-2" RIBBED
 81640062 HOSE-TRUCK-2.5" RIBBED
 81640091 HOSE-TRUCK-3" RIBBED
 ALL SOLD IN 25 FT INCREMENTS



81640057 TUBE-MILK-CLEANLINE-5/8" X 65'
 81640056 TUBE-MILK-CLEANLINE-3/4" X 65'



81640000 HOSE-TRUCK-1-1.5" X 1" X 100' roll
 M34R
 81640033 HOSE - TRUCK - 1-1/2" X 3/8" X 60'
 roll



39850920 TUBE - TRI-FLEX - 5/8" X 9/32" X 60'



81640073 CUTTER-HOSE - T100 KWIKCUT
 81640074 BLADE - REPLACEMENT
 T100 KWIKCUT



90040012 TUBING-SILICONE-1/4"OD X 1/8"ID
 BLACK - 1'
 90040012R TUBING-SILICONE-1/4"OD X 1/8"ID
 BLACK - 500' ROLL



81590104 CLAMP - T-BOLT - 1-7/8" - 2-3/16"
 81590098 CLAMP - T-BOLT - 2-3/8" - 2-11/16"
 81590097 CLAMP - T-BOLT - 2-5/8" - 2-15/16"

MILK HARVEST

Milk & Pulsation Tubing

**TRANSFLOW****MILK TUBING**

81640006	TUBE-MILK-7/16"ID-5/32"T-M34R-100'
81640001	TUBE-MILK-1/2"ID-5/32"T-M34R-100'
81640009	TUBE-MILK-9/16"ID-3/16"T-M34R-100'
81640010	TUBE-MILK-9/16"ID-3/16"T-M34R-500'
81640004	TUBE-MILK-5/8"ID-3/16"T-M34R-100'
81640005	TUBE-MILK-5/8"ID-3/16"T-M34R-500'
81640002	TUBE-MILK-3/4"ID-13/64"T-M34R-100'
81640003	TUBE-MILK-3/4"ID-13/64"T-M34R-400'
81640007	TUBE-MILK-7/8"ID-1/4"T-M34R-50'
81640008	TUBE-MILK-7/8"ID-1/4"T-M34R-100'

CLEAR SINGLE PULSATION TUBING

81640019	TUBE-VAC-1/4" X 100'-SINGLE-CLR
81640023	TUBE-VAC-9/32" X 100'-SINGLE-CLR
81640020	TUBE-VAC-3/8" X 100'-SINGLE-CLR
81640018	TUBE-VAC-1/2" X 100'-SINGLE-CLR

BLACK SINGLE PULSATION TUBING

81640016	TUBE-VAC-1/4" X 100'-SINGLE-BLK
81640022	TUBE-VAC-9/32" X 100'-SINGLE-BLK
81640017	TUBE-VAC-3/8" X 100'-SINGLE-BLK
81640021	TUBE-VAC-7/16" X 100'-SINGLE-BLK
81640015	TUBE-VAC-1/2" X 100'-SINGLE-BLK

CLEAR TWIN PULSATION TUBING

81640029	TUBE-VAC-1/4" X 100'-TWIN-CLR
81640027	TUBE-VAC-9/32" X 100'-TWIN-CLR
81640028	TUBE-VAC-9/32" X 500'-TWIN-CLR
81640014	TUBE-VAC-3/8" X 500'-TWIN-CLR

BLACK TWIN PULSATION TUBING

81640025	TUBE-VAC-1/4" X 100'-TWIN-BLK
81640024	TUBE-VAC-9/32" X 100'-TWIN-BLK
81640026	TUBE-VAC-3/8" X 100'-TWIN-BLK

Blue Silicone



81640093	TUBE-MILK-SILICONE-BLUE 5/8" X 100'
81640108	TUBE-MILK-SILICONE-BLUE 3/4" X 100'
81640120	TUBE-MILK-SILICONE-BLUE 7/8" X 100'



81640123	TUBE - VAC - TWIN 1/4" X 100' BLUE
81640118	TUBE - VAC - TWIN 9/32" X 100' BLUE

**GLITEX**

81640041	TUBE-VAC TWN CLR 1/4" X 100'
81640088	TUBE-VAC-TWN CLR 1/4" X 500'
81640042	TUBE-VAC-TWN CLR 9/32" X 100'
81640089	TUBE-VAC TWN CLR 9/32" X 500'
81640083	TUBE-VAC-TWN BLK 9/32" X 100'
81640084	TUBE-VAC-TWN CLR 3/8" X 100'
81640085	TUBE-VAC-TWN BLK 3/8" X 100'



81640122	TUBE-VAC-SNGL CLR 3/16" X 100'
81640075	TUBE-VAC-SNGL CLR 1/4" X 100'
81640076	TUBE-VAC-SNGL BLK 1/4" X 100'
81640077	TUBE-VAC-SNGL CLR 9/32" X 100'
81640078	TUBE-VAC-SNGL BLK 9/32" X 100'
81640079	TUBE-VAC-SNGL CLR 3/8" X 100'
81640080	TUBE-VAC-SNGL BLK 3/8" X 100'
81640081	TUBE-VAC-SNGL CLR 7/16" X 100'
81640082	TUBE-VAC-SNGL BLK 7/16" X 100'

**TRANSFLOW SILICONE**

81640013	TUBE-MILK-SILICONE-9/16" - 100'
81640012	TUBE-MILK-SILICONE-5/8" - 100'
81640113	TUBE-MILK-SILICONE-3/4" - 100'
81640114	TUBE-MILK-SILICONE-7/8" - 100'
81640115	TUBE-MILK-SILICONE-1" - 100'

**GLITEX**

81640038	TUBE-MILK-9/16" X 100'-GLITEX
81640039	TUBE-MILK-3/4" X 100'-GLITEX
81640040	TUBE-MILK-7/8" X 50'-GLITEX
81640086	TUBE-MILK-9/16" X 500'-GLITEX
81640087	TUBE-MILK-5/8" X 500'-GLITEX
81640037	TUBE-MILK-5/8" X 100'-GLITEX

**FLEXFAB PREMIUM SILICONE TUBING**

81640045	TUBE-MILK-SILICONE-7/8" X 50'
81640043	TUBE-MILK-SILICONE-3/4" X 100'
81640044	TUBE-MILK-SILICONE-5/8" X 100'

**RELIANCE SILICONE TUBING**

81640125	TUBE-MILK-SILICONE-1/4"X 100'
81640107	TUBE-MILK-SILICONE-7/16"X 100'
81640092	TUBE-MILK-SILICONE-1/2"X 100'
81640124	TUBE-MILK-SILICONE-9/16"X 100'
81640046	TUBE-MILK-SILICONE-5/8"X 100'
81640047	TUBE-MILK-SILICONE-3/4"X 100'
81640048	TUBE-MILK-SILICONE-7/8"X 100'
81640158	TUBE-MILK-SILICONE-1"X 100'



81640112	TUBE - VAC - TWIN -1/4" X 100'
81640105	TUBE - VAC - TWIN - 9/32" X 100'

Chemical Resistant Fittings

	81700180	CONNECTOR-1/4"NPT X 3/8"T
	81700181	CONNECTOR-1/4"NPT X 1/4"T
	81700127	CONNECTOR-3/8"NPT X 1/4"T
	81700220	CONNECTOR-1/2"T X 1/2" NPT - STRAIGHT
	81700221	CONNECTOR-1/2"T X 3/8" NPT - STRAIGHT
	81700204	CONNECTOR-1/2"T X 3/8" NPT - ELBOW
	81700206	CONNECTOR-3/8"T X 1/2" NPT
	81700207	CONNECTOR-3/8"T X 3/8" NPT - ELBOW
	81700243	CONNECTOR-5/16" X 3/8" NPT - ELBOW
	81700189	CONNECTOR-1/4" - ELBOW
	81700190	CONNECTOR-3/8" - ELBOW
	81700205	CONNECTOR-1/2"T X 1/2"T - ELBOW
	81700084	CONNECTOR-5/16"T-TEE
	81700132	CONNECTOR-3/8"T-TEE
	81700198	CONNECTOR-1/2"T - TEE
	81700209	CONNECTOR-1/4"T - TEE
	81700082	CONNECTOR - 5/16"T X 5/16"T
	81700239	CONNECTOR - 3/8"T - BLK HD - UNION
	81700193	PK OF 10 CONNECTORS - 1/4"T X 1/4"T
	81700128	CONNECTOR - 1/4"T X 3/8"T
	81700136	CONNECTOR - 1/4"T X 5/16"T
	81700174	CONNECTOR - 1/2"T X 3/8"T
	81700234	CONNECTOR - 10MMT X 6MMT - REDUCER
	81330060	VALVE - AIR SHUT-OFF 1/4" T X 1/4" T
	81330069	VALVE - AIR SHUT-OFF 5/16" T X 5/16" T
	81330071	VALVE - AIR SHUT-OFF 3/8" T X 3/8" T
	81330072	VALVE - AIR SHUT-OFF 1/2" T X 1/2" T
	81700199	CONNECTOR - 5/16" X 1/2"T - REDUCER
	81330065	CHECK VALVE - INLINE-1/4"
	81330059	CHECK VALVE - INLINE-1/2"
	81330070	CHECK VALVE - INLINE-5/16"
	81330066	CHECK VALVE - INLINE-3/8"

Air-Line Hose

	81330058	TUBE - NYLON - 1/4" RED X 100'
	81330063	TUBE - NYLON - 1/4" BLUE X 100'
	81330093	TUBE - NYLON - 1/4" YELLOW X 100'
	81700096	TUBE - NYLON - 5/16" NATURAL X 100'
	81330111	TUBE - NYLON - 1/2" NATURAL X 100'
	81700248	TUBE - NYLON - 5/8" OD X 250'
	81330037	TUBE - NYLON - 5/32" BLACK X 500'
	81330038	TUBE - NYLON - 5/32" BLUE X 500'
	81330040	TUBE - NYLON - 5/32" GREEN X 500'
	81330043	TUBE - NYLON - 5/32" NATURAL X 500'
	81330044	TUBE - NYLON - 5/32" ORANGE X 500'
	81330046	TUBE - NYLON - 5/32" RED X 500'
	81330048	TUBE - NYLON - 5/32" YELLOW X 500'
	81330078	TUBE - NYLON - 5/32" GRAY X 500'
	81330039	TUBE - NYLON - 1/4" BLUE X 500'
	81330045	TUBE - NYLON - 1/4" RED X 500'
	81330047	TUBE - NYLON - 1/4" YELLOW X 500'
	81330094	TUBE - NYLON - 1/4" BLACK X 500'
	81330095	TUBE - NYLON - 1/4" GREEN X 500'
	81330096	TUBE - NYLON - 1/4" ORANGE X 500'
	81330097	TUBE - NYLON - 1/4" NATURAL X 500'
	81330076	TUBE - NYLON - 5/16" NATURAL X 500'
	81330067	TUBE - NYLON - 3/8" GREEN X 500'
	81330073	TUBE - NYLON - 3/8" NATURAL X 500'
	81330112	TUBE - NYLON - 1/2" NATURAL X 500'
	81330099	TUBE - POLY ETH - 5/32" NATURAL X 100'
	81330080	TUBE - POLY ETH - 1/4" CLEAR X 100'
	81330042	TUBE - POLY ETH - 3/8" NATURAL X 100'
	81330068	TUBE - POLY ETH - 1/2" NATURAL X 100'
	81330085	TUBE - POLY ETH - 3/8" NATURAL X 500'
	81330086	TUBE - POLY ETH - 3/8" BLACK X 500'
	81330087	TUBE - POLY ETH - 3/8" BLUE X 500'
	81330088	TUBE - POLY ETH - 3/8" GREEN X 500'
	81330089	TUBE - POLY ETH - 3/8" ORANGE X 500'
	81330090	TUBE - POLY ETH - 3/8" RED X 500'
	81330091	TUBE - POLY ETH - 3/8" YELLOW X 500'
	81330092	TUBE - POLY ETH - 1/4" NATURAL X 500'
	81330041	TUBE - POLY ETH - 1/2" NATURAL X 500'
	81330118	TUBE - POLY ETH - 1/2" NATURAL X 250'
	81330036	TUBE - POLY URTH - 1/4" NATURAL X 100'
	81330074	TUBE-AIR-TWIN - RED/BLUE-100'

MILK HARVEST

Air Fittings



81330075	AIR FITTING-MALE-1/4" T X 10-32 THRD
81330000	AIR FITTING-MALE-1/4" T X 1/4" NPT
81330001	AIR FITTING-MALE-1/4" T X 1/8" NPT
81330002	AIR FITTING-MALE-1/4" T X 3/8" NPT
81330003	AIR FITTING-MALE-3/8" T X 1/4" NPT
81330004	AIR FITTING-MALE-3/8" T X 3/8" NPT
81330006	AIR FITTING-MALE-5/32" T X 10-32 THRD
81330032	AIR FITTING-MALE-5/32" T X 1/8" NPT
81330104	AIR FITTING-MALE-5/32" T X 1/4" NPT
81330005	AIR FITTING-MALE-5/32" T X 3/8" NPT
81330077	AIR FITTING-MALE-1/2" T X 1/2" NPT

81700135 CONNECTOR-1/2" T X 1/2" FNPT



81330008	AIR FITTING-EL-MALE-1/4" T X 1/8" NPT
81330007	AIR FITTING-EL-MALE-1/4" T X 1/4" NPT
81330009	AIR FITTING-EL-MALE-1/4" T X 3/8" NPT
81330010	AIR FITTING-EL-MALE-3/8" T X 1/4" NPT
81330013	AIR FITTING-EL-MALE-5/32" TX 10-32 THRD
81330012	AIR FITTING-EL-MALE-5/32" TX 1/8" NPT
81330011	AIR FITTING-EL-MALE-5/32" TX 1/4" NPT
81330079	AIR FITTING-EL-MALE-1/8" BSP X 4MM PUSH



81330014	AIR FITTING-ELBOW-MALE-3/8" T X 3/8" NPT
81330015	AIR FITTING-ELBOW-UNION-1/4" T
81330016	AIR FITTING-ELBOW-UNION-5/32" T
81330064	AIR FITTING-ELBOW-UNION-3/8" T



81330019	AIR FIT-REDUCER-PLUG IN-5/32" T X 1/4" T
81330107	AIR FIT-REDUCER-PLUG IN-1/4" T X 3/8" T



81330020	AIR FIT-TEE-MALE BRANCH-5/32" T X 1/8" NPT
81330021	AIR FIT-TEE-MALE RUN-5/32" T X 1/8" NPT
81330108	AIR FIT-TEE-MALE BRANCH-1/4" T X 3/8" T



81330022	AIR FITTING-TEE-UNEQUAL-1/4" T X 1/8" T
81330023	AIR FITTING-TEE-UNEQUAL-3/8" T X 1/4" T
81330024	AIR FITTING-TEE-UNION-1/4" T
81330025	AIR FITTING-TEE-UNION-5/32" T
81330062	AIR FITTING-TEE-3/8" T
81330109	AIR FITTING-TEE-10MMT X 6MMT



81330026	AIR FITTING-UNION-STRGHT-1/4" T
81330027	AIR FITTING-UNION-STRGHT-5/32" T
81330061	AIR FITTING-UNION-STRGHT-1/2" T



81330028	AIR FITTING-Y-MALE-5/32" T X 1/4" NPT
81330029	AIR FITTING-Y-PLUG IN-5/32" T
81330030	AIR FITTING-Y-UNION-5/32" T
81330100	AIR FITTING-Y-UNION-1/4" T



81330031 AIR FITTING-UNION 3/8" T X 1/4" T



81330033	FLOW CNTROL-MINIATURE-1/4" TX 1/4" NPT
81330035	FLOW CNTROL-MINIATURE-5/32" T X 1/8" NPT



81700177	CONNECTOR-3/8" NPT X 3/8" BARB - SRGHT
81700208	CONNECTOR-1/4" NPT X 3/8" BARB - SRGHT
81700195	FITTING-1/4" NPT X 1/4" BARB-BRASS-10PK
81320036	ELBOW-1/4" NPT X 3/8" BARBED



81330017	AIR FITTING - PLUG - 1/4" T
81330018	AIR FITTING - PLUG - 5/32" T
81330083	AIR FITTING - PLUG - 5/16" T
81330082	AIR FITTING - PLUG - 3/8" T
81330081	AIR FITTING - PLUG - 1/2" T

SS/Brass Fittings



81700134 CLAMP - 1/4" HOSE - SS - 25 PK



81700235 CONNECTOR-1/4" T X 1/4" WPT - ELBOW



90080607	ELBOW - 1/4" X 1/4" NPT
90080606	ELBOW - 5/32" X 1/4" NPT
90080626	ELBOW - 1/4" X 3/8" NPT
81700235	ELBOW - 1/4" T X 1/4" WPT
90059051	ELBOW - 5/32" T X 1/8" NPT



90080602	CONNECTOR - 1/4" T X 1/8" NPT
90080600	CONNECTOR - 5/32" T X 1/8" NPT
90080614	CONNECTOR - 1/4" T X 3/8" NPT
81700221	CONNECTOR - 1/2" T X 3/8" NPT

Fast Connect



90070083 HANDLE COMPLETE W/HOSE



FAST CONNECT STALL COCK - 2PIN

90037001 2" STALL COCK - 2PIN

90037002 2.5" STALL COCK - 2PIN

90030157 2.5" ADAPTER



90070014 SIAMESE TWIN VACUUM
HOSE

PER FOOT

90037011 SIAMESE TWIN VACUUM
HOSE

WESTFALIA TYPE-PER FOOT



SURGE ONE TOUCH conversion kit is used to convert the Surge One Touch pulsator to a vacuum electric connection.

90070088 SURGE ONE TOUCH KIT



90070082 BOUMATIC STALL COCK ADAPTER



90070089 UNIVERSAL STALL COCK ADAPTER



90070081 DELAVAL STALL COCK ADAPTER



90070098 WESTFALIA STALL COCK ADAPTER



SURGE SINGLE PULSATOR conversion kit is used to convert a Surge square or round nipple alternating pulsators to a quick connect system utilizing the existing stall cocks. The 90070405 is used for permanent installations where steady state power (12 to 24 VAC or DC) is supplied to the stall cock. Components included: pulsator cover, fittings and hardware.

90070425 SURGE SINGLE PULSATOR CONVERSION KIT

90070405 ALTERNATING PULSATOR CONVERSION KIT
(Not Pictured)

MILK HARVEST



37374139 VALVE HEAD - 50MM RAM -2
SOLENOID



37174010 VALVE HEAD - NO ELECTRONICS



39650102 BRACKET-NYLON-1.5"(38MM)
SS TUBING
39650103 BRACKET-NYLON-1.625"(40MM)
SS TUBING
39650104 BRACKET-NYLON-2"(51MM) SS TUBING
39650105 BRACKET-NYLON-2.5"(63MM)
SS TUBING
39650106 BRACKET-NYLON-3"(76MM) SS TUBING



37274825 FERRULE-BOOT LACE- .5MM-(500/P)



37074000 INITIATOR - TCR



37074030 RAM - 76MM - VACUUM - W/BKTS



37374048 CYLINDER - 50MM - VACUUM - W/
CORD



37374030 AUTO START - RETROFIT - 76MM - SS
37374050 AUTO START - UPGRADE KIT - 76MM - SS
37374040 AUTO START - PISTON - COMPLETE*

*SHOWN



37376014 KIT TRANSFER VALVE - ASSEMBLY



81550105 UNISTRUT
DEEP CHANNEL - 10' - SS



39800419 BRACKET - RAM MOUNT - SS



37274101 TOOL KIT - XTRA INSTALLATION



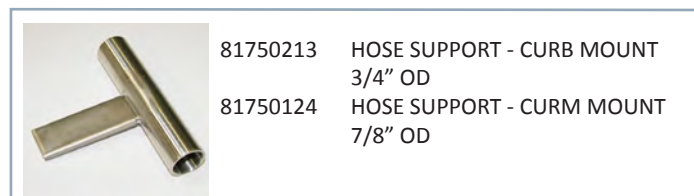
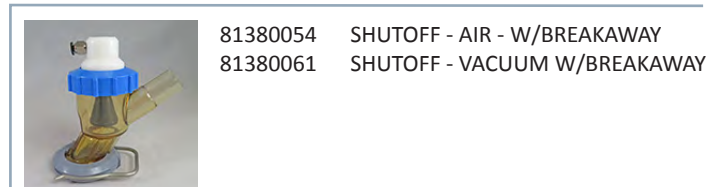
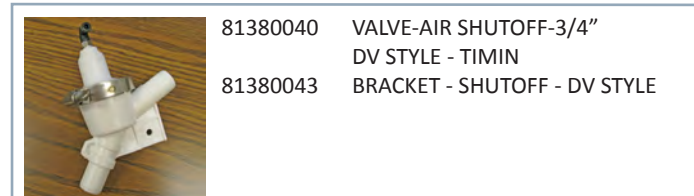
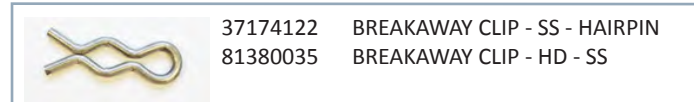
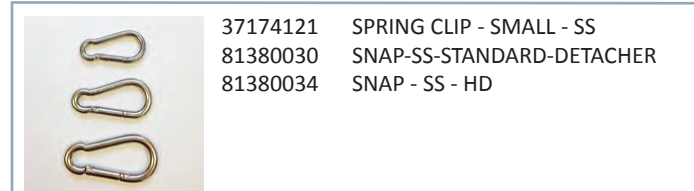
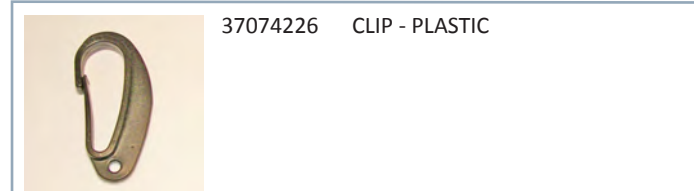
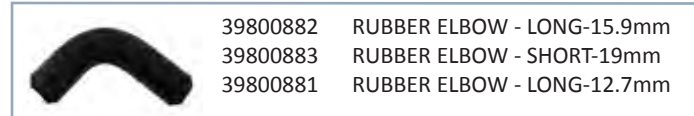
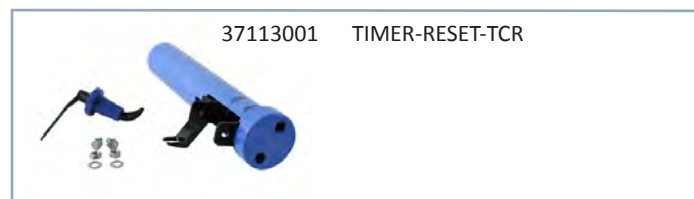
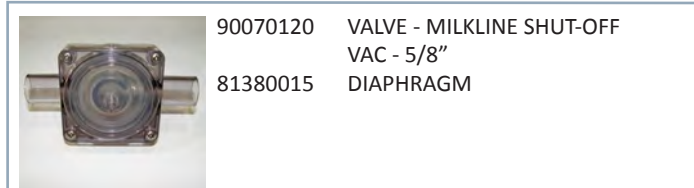
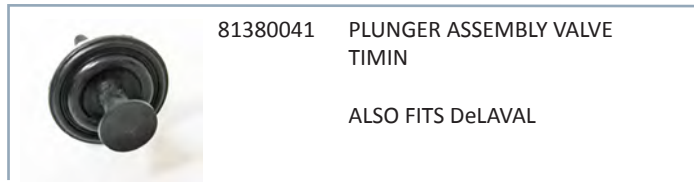
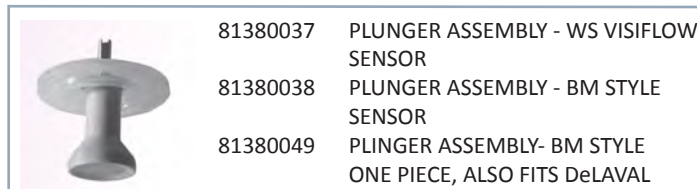
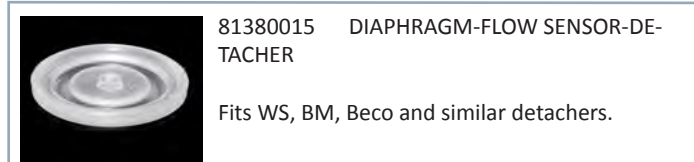
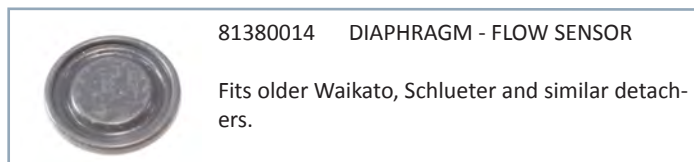
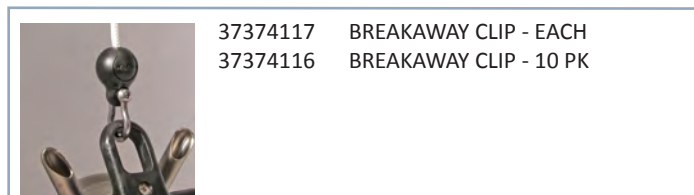
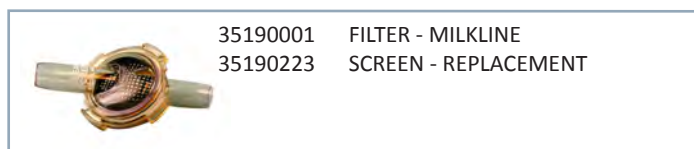
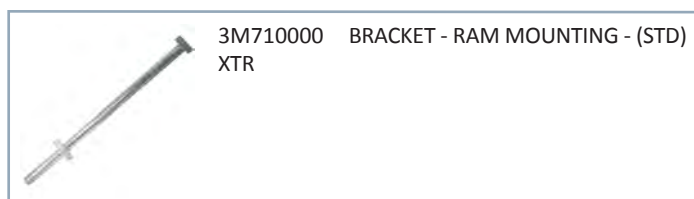
37074755 CORD - NYLON - PRE-CUT
37074715 CORD - NYLON - 100MM ROLL



37074717 CORD - 4MM - HD - WHITE



81380046 ROPE - AMSTEEL - 600' ROLL



MILK HARVEST



The ICAR approved Waikato MKV Milk Meter range is designed for the accurate measurement of individual cow yield during milking. Simple operation to draw off a composite sub-sample for milk component analysis.

- Measuring flask options - 92#, 42kg, 30kg/65#, 4.5 litre goat and sheep flask
- Mounting options - wide range of options for installations in all parlours and dairies
- Constructed of approved high grade durable hygienic engineering plastics
- Low maintenance
- Simple cleaning procedure
- Low resistance to milk flow

38050054 MILK METER-WAIKATO MKV-65 LB 38050096
38050056 MILK METER-WAIKATO MKV-42KG 38050175

MILK METER-WAIKATO MKV-92 LB
KIT-SERVICE-NO.1-MILKMETER



37119003 MILK METER-4.5L GOAT-WAIKATO

81380001 DECAL - POUNDS - GOAT FLASK



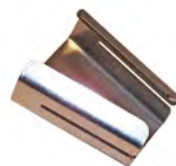
81380029 BRACKET-SS-WEDGE MOUNT



38050141 MOUNTING SET-WEDGE
MILK METER



38050106 BRACKET-HANGER-MILK METER



38050733 ADAPTER-VANDENBERG
V BLOCK



81380021 TEST WAND W/SHUTOFF
81380032 TEST WAND



81750279 REPAIR KIT - 6PC
BM PERFECTION METER
81750280 REPAIR KIT- COMPLETE
BM PERFECTION METER



SANITATION/HYGIENE

SANITATION/HYGIENE

SANITATION/HYGIENE

SANITATION/HYGIENE

Towels



81690065 TOWEL-21600 HVY WT-WHITE BUNDLE*

*NORMALLY STOCKED



81690069 TOWEL-21950 STND WEIGHT-BROWN*

*NORMALLY STOCKED



81690067 TOWEL-21800 TWO PLY-BLUE-2016*

*NORMALLY STOCKED



81690117 TOWEL-MICRO FIBER-MEDIUM DUTY 12" X 12"-50/PK

Towel Dispensers



81680025 DISPENSER - HD FRONTLOAD - SS



81680009 DISPENSER - BIFOLD-STAINLESS



81680023 DISPENSER - FRONTLOAD - PWDR CTD

Laundry Dispensers



81710247 DISPENSER - ONE SHOT KNIGHT - SINGLE

81710251 DISPENSER - ONE SHOT DUAL PRODUCT - KNIGHT

81710266 REPLACEMENT TUBE - ONE SHOT

81710293 TRANSFORMER - ONE SHOT KNIGHT

81710320 BOARD-ONE SHOT - REPLACEMENT KNIGHT

81710326 ROLLER ASMBLY - 3 LOBE ONE SHOT - KNIGHT

81710303 PUMP/MOTOR ASMBLY - ONE SHOT KNIGHT



81710237 INJECTOR-CHEM-PORTABLE CYCLONE



81710222 DISPENSER - LAUNDRY 2-PUMP



81710221 PROPORTIONER - MIXRITE DEMA 570

81710233 O RING KIT

81710289 CHECK VALVE

81710288 LIP SEAL KIT



81710249 DISPENSER LAUNDRY MASTER DEMA

SANITATION/HYGIENE

Milking Gloves



Ambi-dex gloves by Doc's products are the industry standard for milking gloves. They are made of co-polymer nitrile and are latex free. These gloves are tough and reliable with good sensitivity and an extremely low "memory", which means they conform quickly to the shape of your hand. They offer some of the best protection from spreading disease and for hand protection.

81690040 GLOVE-NITRILE-4 MIL-SMALL
81690041 GLOVE-NITRILE-4 MIL-MEDIUM
81690042 GLOVE-NITRILE-4 MIL-LARGE
81690043 GLOVE-NITRILE-4 MIL-XL
81690044 GLOVE-NITRILE-4MIL-XXL



81710039 DRUM PUMP - EZ - 5 GAL W/ ADPT
81710040 DRUM PUMP - EZ - 5 - 15 GAL
81710041 DRUM PUMP - EZ - 30 - 50 GAL
81710298 ADAPTER - EZ - DRUM PUMP
15-50 GAL



81680028 DISPENSER BOX - MILKING GLOVE
STAINLESS STEEL



81710060 COLOR CODED SAFETY STRP - PRPL
81710061 COLOR CODED SAFETY STRP - RED
81710062 COLOR CODED SAFETY STRP - BLUE
81710063 COLOR CODED SAFETY STRP - YELW



81710047 PUMP-CHEM-12" W/2" ADPTR
81710057 PUMP-DRUM-55 GAL-2"ADPTR



81750209 PUMP - DISPENSING - HAND - 1 OZ



81710042 SAFETY MEASURE



81710070 DISPENSER - 1 OZ - GALLON JUG



81710048 SPIGOT - NON-VENTED - 3/4"



81710046 WRENCH - CHEMICAL DRUM



81710212 STOOL - MILKING - STRAP ON



81710217 KICK STOP

81710218 END CAP-KICK STOP-RUBBER
81710219 SPRING CLIP-KICK STOP



81710051 LEG BAND-GREEN-NEON-10/PACK
81710052 LEG BAND - ORANGE - 10/PACK
81710053 LEG BAND - RED - 10/PACK
81710054 LEG BAND - YLW - 10/PACK
81710055 LEG BAND-YLW-NEON-10/PACK

SprayMATE



These units offer the following improvements over other pumps:

- Special long life UL approved motor
- Viton diaphragm and check valves
- Adjustable pressure
- Fused power input
- Powered by 115V AC
- No transformer required

Waikato Milking Systems USA staff has over 40 years of combined knowledge working with and building teat spray systems. Call us today and let us help you put your best system together for a better bottom line!

81700500 TEAT SPRAYER - SPRAYMATE POWER UNIT

81700501 TEAT SPRAYER - SPRAYMATE - KIT W/3-DROPS



81700502 GUN - SPRAYMATE - 5/16" PLASTIC NOZZLE

81700503 GUN - SPRAYMATE - 5/16" STAINLESS STEEL NOZZLE

81700300 SS NOZZLE ONLY



81730099 PUMP TUBE - #1 SANTO-1/4" FRLS-2

81730100 PUMP TUBE - #2 SANTO-1/4" FRLS-2

81730102 PUMP TUBE - #4 SANTO-1/4" FRLS-2

81730103 PUMP TUBE - #5 SANTO-1/4" FRLS-2

81730101 PUMP TUBE - #7 SANTO-1/4" FRLS-2



81700086 COIL - DROP - 5/16" TEAT SPRAYER



81700192 TUBE-FEED-W/CK VLV AND FILTER



81700170 PUMP & MOTOR REPLACEMENT

81700187 CAM BEARING DIAPHRAGM KIT

81700094 PRESSURE SWITCH

81700186 CHECK VALVE - VITON

*Fits Knight, Spraymaster, RJB and similar sprayers.

Replacement parts available, see Section 9.



81730025 WATER METER-1 GAL/PULSE - 3/4"

81730026 WATER METER-1 GAL/PULSE - 1"

81730027 WATER METER-1 GAL/PULSE - 1.5"

81730028 WATER METER-1 GAL/PULSE - 2"

81730029 WATER METER-4 PULS/GAL - 3/4"

81730030 WATER METER-4 PULS/GAL - 3/4" HI TEMP



81730000 PUMP-PERISTALTIC-FIXED 10GPD-110V

81730001 PUMP-PERISTALTIC-ADJ 10GPD-220V

81730002 PUMP-PERISTALTIC-ADJ 10GPD-120V

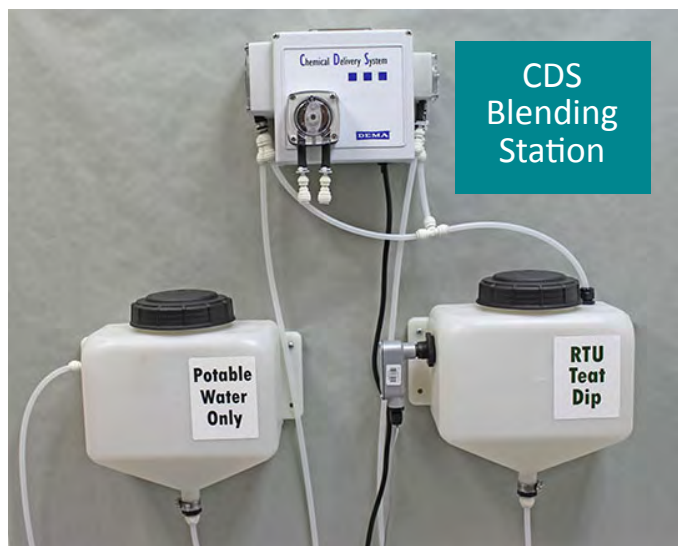
81730003 PUMP-PERISTALTIC-FIXED 10GPD-220V



81730020 PUMP-CONTROL MODULE-1 - 10 SEC

81730056 PUMP-CONTROL MODULE- .5 - 5 SEC

Blending Stations



The CDS Blending Station can be used for numerous applications. There are currently four identified purposes: Clean-In-Place pipe washing systems, blending equal amounts of two or three separate chemicals (chlorine dioxide), iodine dilution for making RTU iodine on dairy farms and laundry chemical injection. These units are flexible and compact to meet the changing needs of the farmers, distributors and service technicians. Numerous squeeze tube materials are available for pumping all kinds of chemicals.

The control board can be activated by simply closing the normally open unpowered contacts, so no trigger signal is required. The CDS circuit board is powered by 24 volts DC. The internal power supply can handle any voltage between 100 volts AC and 250 volts AC. Every CDS board has both time and speed capability.

81710327 CDS BLENDING STATION

81710328 SPEED CONTROL PUMP FOR SKIN CONDITIONER

KNIGHT 3-Part Blending System



The KNIGHT 3-Part Blending System is designed to produce factory quality dairy farm hygiene chemistries in real time as they are consumed by the dairy farm. This simple yet sophisticated system relies on advanced patent pending flow metering and embedded control software technology to produce consistent high quality teat dips from concentrate. This 3-Part Blending System can produce a variety of dairy cow udder treatment solutions including iodine, chlorine dioxide and chlor hexidine tailor made to current farm conditions. Valuable reporting tools gather useful data to better monitor parlor procedures, track usage, and assure optimal udder hygiene.

81710400 KNIGHT - 3-PART BLENDING SYSTEM

STENNICATOR Meter System



Saving time is a plus for busy farmers and the Econ Stennicator Meter System is Stenner's proportional pump system for the injection of livestock supplements at the fixed ratio of 1:128 directly into the water line.

81730200 STENNICATOR METER SYSTEM

Knight Dispensers



These reliable 2-pump peristaltic pump systems dispense two part teat dip chemistry with the push of a button. The simple timer controlled dosing system is calibrated by the installer to deliver a 50-50 ratio of the two part mixture and deliver it straight to dip cups, jugs and fill valves.

- 81710410 2-PUMP PERISTALTIC 2-PART CHEMICAL DISPENSING SYSTEM W/18 OZ./MIN PUMPS FOR 115/208/230 VAC OPERATION
- 81710420 2-PUMP PERISTALTIC 2-PART CHEMICAL DISPENSING SYSTEM W/35 OZ./MIN PUMPS FOR 115/208/230 VAC OPERATION



PMP Series features corrosion-resistant, powder-coated, steel, watertight cases. Ideal for applications that require complete self-priming capabilities. These valve-less pumps provide an excellent low cost positive displacement feeder with a minimum of moving parts. These peristaltic pumps offer a fixed output against pressures up to 30 psi.

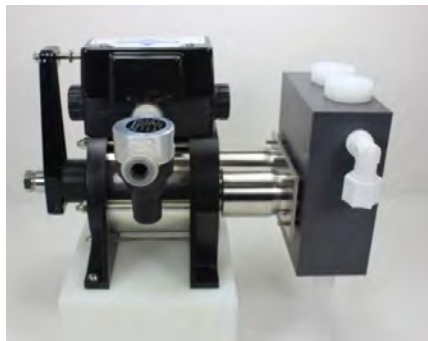
- 81710294 PMP PERISTALTIC METERING PUMP - AC FIXED SPEED



Clean Guard "E" electric diaphragm pump (.6 gpm) with stainless steel case, power switch, internal bypass (100 psi), fittings (115 VAC) with EPDM seals and santoprene diaphragm.

- 81710430 CLEAN GUARD HIGH FLOW ELECTRIC DIAPHRAGM PUMP
- 81710308 REPLACEMENT DIAPHRAGM PUMP - 115 VAC - 1.5 GPM

SANITATION/HYGIENE



Hydro-Blend Air Powered Proportioner features an innovative seal design and precision high tolerance components. Heavy duty and customizable to meet customers operations.

- REDUCES CHEMICAL WASTE
- UNEQUALLED ACCURACY
- REPEATABLE FORMULATIONS
- EASY INSTALLATION
- RELIABLE OPERATION
- HEAVY DUTY CONSTRUCTION

81700304 AIR POWERED PROPORTIONER

81700305 PUMP ONLY

Knight Peristaltic Squeeze Tubes



The EPDM tube is resilient with excellent memory and field proven mechanical reliability. Compatible with weak to strong corrosive solutions including Alkalis, Builders, Breaks, Surfactants, Detergent compounds, Chlorine, weak to medium Acids and Rinse Agents.

81710332 TUBE - SQUEEZE - T50E - EPDM - 9"

81710322 TUBE - SQUEEZE - T66E - EPDM - 100'

81710321 TUBE - SQUEEZE - T66E - EPDM- 14" LENGTH

81750346 TUBE - SQUEEZE - T86E - EPDM- 20" LENGTH



A Fluoro-Viton material designed to be compatible with Acids, Caustics, Hydrocarbons, Oils and natural Solvents.

Viton is a harder durometer tubing than EPDM.

81710290 TUBE - SQUEEZE - T50F - VITON - 9" LENGTH

81710329 TUBE - SQUEEZE - T66F - VITON - 12.5" LENGTH



The new BV tube is made of a new high grade Lexsis compound that is specifically designed to last with Peracetic Acid, Chlorine and other Acids.

81710330 TUBE - SQUEEZE - T50BV - BY FOOT

81710331 TUBE - SQUEEZE - T66BV - BY FOOT

Foam-It & Lafferty



81700053 FOAMER - PARLOR
PORTABLE - 10 GAL



81700076 FOAMER - PARLOR
STATIONARY



81700058 FOAMER - POWER UNIT
TEAT DIP



81700130 GUN ONLY - FOAM-IT



81700129 DROP ASSEMBLY-FOAM-IT-12'
81700301 DROP ASSEMBLY-FOAM-IT-25'

**Replacement parts available,
see Section 9.**



81700099 PUMP-AIR DIAPHRAGM MODEL G57
81700175 KIT - CHECK VALVE
81700176 KIT - DIAPHRAGM
81700514 PUMP - G57-KALREZ-EXTREME DUTY



81700088 HANDI SPRAY GUN W/O CONNECTOR
81700089 HANDI SPRAY GUN - 6"
81700101 SERVICE KIT - HANDI SPRAY
81700540 HANDI SPRAYGUN - 12"



81700326 FOAMER - PORTABLE - 20 GAL
FREEDOM



81700055 FOAMER - ULTIMATE
POWER UNIT ONLY
81700056 FOAMER - ULTIMATE - COMPLETE
81700256 HOSE ASSY FOAMER-3/4" X 50'



81700211 FOAMER - COMPLETE
TEAT DIP - LAFFERTY
81700212 FOAMER - POWER UNIT-ONLY



81700217 FOAMER - COMPLETE
AIRLESS - TEAT DIP
81700254 HOSE/GUN ASSY - TEAT FOAMER
AIRLESS



81700057 FOAMER - PORTABLE
1.5 GAL W/WALL GUN



81700087 GUN - TEAT SPRAY - BLACK

Individual replacement nozzles not
available.

SANITATION/HYGIENE

Ambic



81700107 TEAT DIPPER - MULTIFOAMER - BLUE



81700001 TEAT DIPPER - NON-RETURN - BLUE
 81700002 TEAT DIPPER - NON-RETURN - GREEN
 81700003 TEAT DIPPER - NON-RETURN - ORANGE
 81700004 TEAT DIPPER - NON-RETURN - YELLOW
 81700006 BOTTLE



81700106 DIP CUP - UNIDIPPER - BLUE
 81700268 DIP CUP - UNIDIPPER - GREEN
 81700269 DIP CUP - UNIDIPPER - ORANGE
 81700270 DIP CUP - UNIDIPPER - YELLOW



81700115 TEAT DIPPER - TWIN TUBE - BLUE

81700216 EXTENSION KIT
CLUSTER SPRAYER

81700118 DIPMIZER - BLUE - SINGLE
 81700120 DIPMIZER - GREEN - SINGLE
 81700122 DIPMIZER - ORANGE - SINGLE
 81700124 DIPMIZER - YELLOW - SINGLE



81700012 CONNECTOR - STRAIGHT
 2-PACK
 81700013 CONNECTOR - TEE
 81700032 TUBING - FLEXIBLE - AMBIC

81700119 DIPMIZER - BLUE - 3-PACK
 81700121 DIPMIZER - GREEN - 3-PACK
 81700123 DIPMIZER - ORANGE - 3-PACK
 81700125 DIPMIZER - YELLOW - 3-PACK

81700126 BRUSH ONLY - DIPMIZER - 5-PACK



81700108 SPRAYER - TEAT - AMBIC - ELECTRIC



81700103 MASTITIS DETECTOR



81700008 TEAT SPRAYER - JET STREAM
 81700027 POWER UNIT - JET STREAM

81700317 GUN W/SS NOZZLE



81700018 GUN - TEAT SPRAY - CLASSIC
 81700300 SS NOZZLE
 81700024 NOZZLE



81700009 TEAT SPRAYER - VAC OPERATED
 81700028 POWER UNIT - VAC OPERATED



81700019 GUN TEAT SPRAY - JET STREAM



81700016 EXTENSION KIT - AMBIC



81700036 COIL - RETRACTABLE - AMBIC

Thrifty



81700160 THRIFTY DIPPER - VERTICAL



81700166 THRIFTY DIPPER - HORIZONTAL

81700159 THRIFTY DIPPER 150 - PRE-DIPPER
81700172 THRIFTY DIPPER 150 - POST DIPPER81700161 WIPER
81700162 SNAP RING
81700163 BOTTLE
81700164 HANDLE81700167 ADAPTOR - BRUSH FOR AMBIC
81700321 RING ONLY

81700168 PUMP REPLACEMENT - THRIFTY

81700241 FOAMER - THRIFTY
150 PRO - COMPLETE*
81700242 HOSE KIT - THRIFTY
150 PRO
*PICTURED

81700222 VALVE - DISPENSING - THRIFTY

81700223 SPRAY GUN - THRIFTY 150
PRO FOAMER81700038 DIP CUP-BLUE-TOP DIPPER-RJB
81700040 DIP CUP-GREEN-TOP DIPPER-RJB
81700041 BOTTLE - REPLACEMENT - RJB

81700044 DROP-PWR SPRAY-6.5" WAND-RJB

81700045 GUARD-SPLASH-CLR-POWR DIP
RJB81700037 DIP CUP-BLUE-SIDE DIPPER-RJB
81700039 DIP CUP-GREEN-SIDE DIPPER-RJB
81700041 BOTTLE - REPLACEMENT - RJB

81700048 POWER UNIT-TEAT SPRAYER-RJB

81700042 DIPPER-POWR-6.5"-BTM LOAD-RJB
81700043 DIPPER-POWR-10"-BTM LOAD-RJB
81700105 DIPPER-POWR-10"
TOP LOAD GUN

SANITATION/HYGIENE

DeVere

LAUNDRY



POWDER W/ORGANIC CHLORINE

84500000 BOOST ULTRABRITE-40 LB
84500001 BOOST ULTRABRITE-400 LB



HOUSEHOLD LAUNDRY POWDER

84500002 HOUSEHOLD - 25 LB
84500003 HOUSEHOLD - 400 LB

SKIN CARE

70% ETHANOL FOAMING HAND SANITIZER,
DISPENSERS AVAILABLE

84500004 HAND SAN-FOAMING - 4/1 GAL
84500005 HAND SAN-FOAMING - 55 GAL



84500031 HAND SANITIZER DISPENSER



84500032 HAND SANITIZER CARTRIDGE

84500006 HAND SOAP DISINFECTANT - FOAM-
ING 4/1 GAL

84500007 LIQUID HAND SOAP - GEL - 4/1 GAL

GLASS CLEANER

84500008 GLASS CLEANER - AEROSOL-12/19
OZ

GLASS CLEANER

84500009 GLASS CLEANER - CONCENTRATED
DILUTE 1:984500010 GLASS CLEANER - READY TO USE
4/32 OZ

LIME REMOVER

84500011 DE-LIME CONCENTRATE FOR USE
ON STAINLESS STEEL - 1/1 GAL84500012 DE-LIME CONCENTRATE FOR USE
ON STAINLESS STEEL - 55 GAL84500013 LIME DESCALER - CONCENTRATED
4/1 GAL84500014 LIME DESCALER - CONCENTRATED
55 GAL

GREASE REMOVER



84500015 DEGREASE POWDER
CONCENTRATED - 40 LB
84500016 DEGREASE POWDER
CONCENTRATED - 400 LB

84500017 DEGREASING LIQUID CONCEN-
TRATE 4/1 GAL84500018 THUNDERBLAST - READY TO USE
CLINGING DEGREASER - 4 QT

SHELL PROGRAM

84500019 MACHINE DISHWASHING LIQUID
STRONG ALKALINE SOLUTION FOR
SHELL WASHERS - 5 GAL

SANITIZERS & DISINFECTANTS

84500020 ONE STEP QUAT - COVID KILL-
ING CONCENTRATED - 4/1
GAL

SANITIZERS & DISINFECTANTS



84500021 SECURITY - COVID KILLING
READY TO USE - 4
QT



84500022 QDII SANITIZER - COVID KILLING
LEAVE-ON CONCENTRATE - 4/1
GAL



84500023 QDII SANITIZER - COVID KILLING
LEAVE-ON READY TO USE - 4 QT

OTHER CLEANERS



84500025 STAINLESS STEEL POLISH
AEROSOL - 12/17.5 OZ



84500026 LOW ACID BOWL CLEANER - 4 QT



84500027 WOW ALL PURPOSE CLEANER
4/1 GAL



84500028 SPRAY BOTTLE - 1 QT
84500029 TRIGGER - HD - SPRAY BOTTLE
84500030 TRIGGER - BLOCK - SPRAY BOTTLE

OTHER CLEANERS



84500024 CITRUS PLUS ORANGE AEROSOL
GENERAL CLEANER - 12/19 OZ

MAGIC MUD



MAGIC MUD™ is a skin friendly natural hand cleaner containing a mineral called Soft Zeolite which is combined with natural ingredients.

Soft Zeolite has properties that magnetically pull contaminants away from the skin and is tough enough to clean dirt, grease, oil, paint, chemicals and odors from your hands.

84600001 MAGICMUD - PUMP - 5KG

84600000 MAGICMUD - TUBE - 250G

SANITATION/HYGIENE

Acepsis™ Calf Care Hygiene Products

CHLORINE DIOXIDE RINSE

HabiStat™ Activator / HabiStat™ Base 1000 are the components of a two-part concentrated precursor formulation needed to create HabiStat™ Concentrate. HabiStat™ is recommended to be used at 50 ppm for calf feeding tools and utensils and at 100 ppm for facility applications such as calf hutches, dividers, walls and trailers.

**HabiStat™**

Ultra-concentrated. Combine per instructions.

84010000	HabiStat™ ACTIVATOR / BASE - 4 X 1 GAL	8 UNITS
84010001	HabiStat™ ACTIVATOR / BASE - 5 GAL	10 UNITS
84010002	HabiStat™ ACTIVATOR / BASE - 15 GAL	30 UNITS
84010003	HabiStat™ ACTIVATOR / BASE - 55 GAL	110 UNITS

Usage rate: /2 oz of HabiStat™ Activator and 1/2 oz of HabiStat™ Base mixed with on farm water will produce 1 gal. of 125 ppm chlorine dioxide.



FOAMING MANUAL DETERGENT

CHLOR-A-FOAM™ is an ultra-concentrated alkaline foam cleaning detergent, designed for use in the most challenging manual cleaning applications. Using an 11-13 pH, this detergent contains powerful facility cleaning and hygiene agents.

**Chlor-A-Foam™**

84020000	CHLOR-A-FOAM™ - 4 X 1 GAL
84020001	CHLOR-A-FOAM™ - 5 GAL
84020002	CHLOR-A-FOAM™ - 15 GAL
84020003	CHLOR-A-FOAM™ - 55 GAL



FOAMING MANUAL ACID

FOAM-A-CID™ is an ultra-concentrated acid detergent. When mixed and used as directed, the special formulation acid rinse is intended to aid in neutralizing the pH and in removing mineral deposits / buildups created by hard water.

**Foam-A-Cid™**

84030000	FOAM-A-CID™ - 4 X 1 GAL
84030001	FOAM-A-CID™ - 5 GAL
84030002	FOAM-A-CID™ - 15 GAL
84030003	FOAM-A-CID™ - 55 GAL

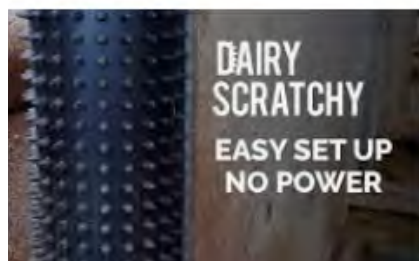




ANIMAL CARE

ANIMAL CARE

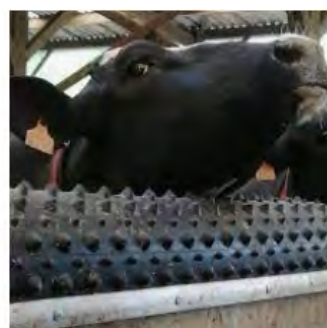
DAIRY SCRATCHY



DAIRY SCRATCHY rubber molded hair scratcher. Cows have a natural need to rub and scratch in order to shed parasites, scabs and mites.

- Antishock, Dairy Scratchy prevents injuries induced by brushes against concrete and metallic building components.
- The multiplication of scratch points avoids stress induced by competition and domination.
- It stimulates blood circulation and contributes to cleanliness.

81780000 DAIRY SCRATCHY RUBBER MOLDED HAIR SCRATCHER



DIAMOND RUBBER FLOORING 16mm



DIAMOND RUBBER FLOORING comes in rolls with Fasteners, Wear Strips and Rubber Scraper Blades included.

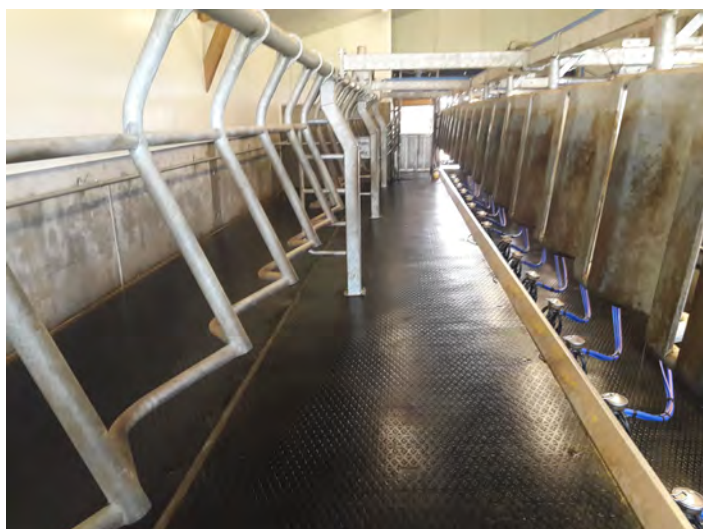
AUTHORIZED TECHNICIAN INSTALLATION MANDATORY

RUBBER FOR WALKING AREAS

- Helps improve the fertility rate
- Helps improve heat detection
- Helps reduce the cull rate
- Cushions the animal in case of fall
- Reduces veterinary expenses
- Improves the circulation in the building and increases the time spent eating
- Reduces animal stress and fatigue
- Compatible with all kind of scrapers

81780001 DIAMOND RUBBER FLOORING - 16mm (5/8") Thickness

Custom length and width - Call for Quote



ANIMAL CARE

MAGELLAN RUBBER FLOORING 16mm



MAGELLAN RUBBER FLOORING comes in rolls with Fasteners included.

Freed of stress caused by the risk of falling, cows are more confident and heats are easier to detect by the dairyman.

AUTHORIZED TECHNICIAN INSTALLATION MANDATORY

RUBBER FOR HOLDING AREAS (COLLECTION YARDS) IN FRONT OF ROBOT OR IN MILKING PARLOR

- Seamless rubber made to measure.
- Drains the humid and slippery areas.
- Reduces significantly the hoof and joint pathologies.
- Greater comfort.

MAGELLAN RUBBER FLOORING - 16mm (5/8") Thickness
Custom length - Call for Quote

81780002 WIDTH: 1000 mm (3.28 ft)

81780003 WIDTH: 1250 mm (4.10 ft)



TAILWELL TAIL TRIMMER



TAILWELL ATTACHMENT ON DRILL
(drill not included)

TAILWELL POWER TAIL TRIMMER should be used on a 14-volt cordless power drill with an operating speed of 1,200 to 1,750 rpm. A lightweight drill with a high quality battery is the best to use. A quality Li-ion 1.5Amh 14v drill battery should allow trimming of about 70 tails per charge, depending on conditions. With only three moving parts, TRIMWELL is a cutting machine that draws the minimum amount of power, ensuring the maximum number of tails are trimmed from each battery charge. Only the self-lubricating sliding-block Rotator Bearing is subject to any wear.



81770000 TAILWELL POWER TAIL TRIMMER
DRILL NOT INCLUDED



81770001 TAILWELL TITANIUM TAIL TRIMMER
DRILL NOT INCLUDED



FOOT WASH

Fill and flush connections
on both sides

2 chemical entries

Rubber matting 20mm

Adjustable spray rail
and triple fill entry

Air ram

Full width gate and protective cover

FOOT WASH PRO

Stainless steel foot bath for manual cleaning and filling.

- Can be automated with upgrades
- Durable stainless steel construction

- 835mm wide (2.75")
- 180mm high (7")
- 600mm bath width (2')
- 115mm bath height (4.5")

SIDE PANELS ALSO AVAILABLE



- | | |
|----------|-------------------------------------|
| 81780100 | SS FOOT WASH - 1865mm (6 FT) LENGTH |
| 81780101 | SS FOOT WASH - 2065mm (7 FT) LENGTH |
| 81780102 | SS FOOT WASH - 2565mm (8 FT) LENGTH |

- | | |
|----------|--------------------------------------|
| 81780103 | SS FOOT WASH - 3065mm (10 FT) LENGTH |
| 81780104 | SS FOOT WASH - 3665mm (12 FT) LENGTH |
| 81780105 | SS FOOT WASH - 4065mm (13 FT) LENGTH |

SPRAYERS



81780500 Teatwand Exact complete with pump

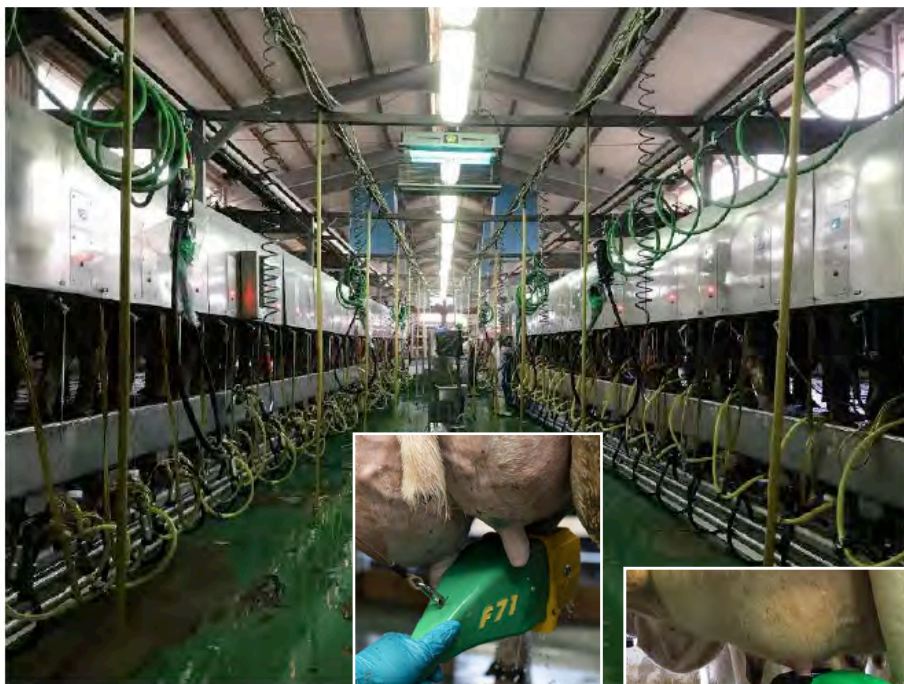


81780503 Walkover Sprayer
81780505 Spare Parts Kit- Walkover

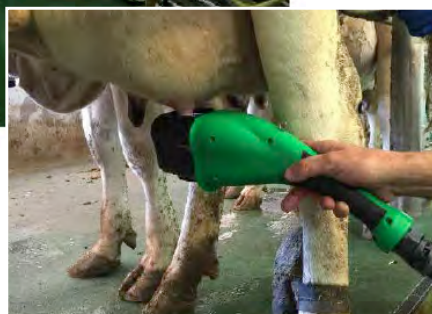


81780509 Teatwand Rapid

TEAT SCRUBBERS



The F71 is the lightest teat scrubber available on the market.



The F488 scrubber's patented 4 brush technology is designed for big dairy farms.

The Puli-sistem teat scrubbing systems let you prep cows teats for milking in one easy step. Our scrubbers effectively and consistently wash, disinfect, dry and stimulate each cows teats prior to milking. Our teat scrubbers consist of 3 or 4 brushes. The upper brushes wash, sanitize and massage the external surface of the teats and the base of the udder. At the same time the bottom brushes complete the same operation at the end of the teats and at the sphincter.



The Control Unit is designed to work with all our teat scrubbers and it can handle two scrubbers at the same time.

F488 MAIN/SPARE PARTS



81781000 F488 Complete kit 2 Scrubbers & Controller



81781001 F488 Complete Rotary kit 2 Scrubbers & Controller



81783000 Control Unit



81783001 Control Unit - DBL Parlor



81781002 F488 Scrubber & Motor



81781003 F488 Handle Unit Complete

F488 MAIN/SPARE PARTS (CONT)



81781004 F488 Top Brush Hard



81781006 F488 Top Brush Soft



81781005 F488 Bottom Brush Hard



81781007 F488 Bottom Brush Soft

F71 MAIN/SPARE PARTS



81782000 F71 Complete kit 1 Scrubber & Controller



81783000 Control Unit



81782001 F71 Complete kit 2 Scrubbers & Controller



81783001 Control Unit - DBL Parlor



81782002 F71 Complete Rotary kit 1 Scrubber & Controller



81782006 F71 Scrubber & Motor



81782003 F71 Complete Rotary kit 2 Scrubbers & Controller



81782007 F71 Handle Unit Complete



81782004 F71 Complete DBL Parlor kit 1 Scrubber & Controller



81782008 F71 Brush Hard



81782005 F71 Complete DBL Parlor kit 2 Scrubbers & Controller



81782009 F71 Bigger Bottom Brush Hard



81782010 F71 Brush Soft



81782011 F71 Bigger Bottom Brush Soft

ANIMAL CARE

LEG SPREADER



STAINLESS STEEL LEG SPREADER
81780501 Leg Spreader SS-w/hardware



PLASTIC LEG SPREADER
81780501PL Leg Spreader- Plastic w/hardware

Hardware ONLY

- 81780502 BOLT-M10X80 SS-LEG SPREADER
81780619 PIN ANCHOR SLEEVE -10MM LEG SPREADER

STALLION CALF FEEDERS



BOTTLE FEEDER
81790002 SMART COW 2.5L BOTTLE
81790005 REPLACEMENT NIPPLE & VALVE
81790006 SCREW CAP RETAINER



BUCKET FEEDER
81790003 BUCKET - 3 NIPPLE - 10L



TROUGH FEEDER
81790001 MILKMAID - 3 NIPPLE - 16L



TROUGH FEEDER
81790004 CALFATERIA - 5 NIPPLE - 30L



81790005 CALF NIPPLE



81790006 CAP-RETAINING STALLION

MILKER APPAREL



81770010 MILKING BELT - 3 POCKETS



81770011 MILKING APRON - 2 POCKETS

81770012 MILKING SLEEVES
WATERPROOF

TEST KITS



84040004 IODINE TEST DIP *SHOWN*

84040002 TEST STRIPS-CHLORINE DIOXIDE-500PPM

84040001 TEST STRIPS- CHLORINE DIOXIDE-10PPM

84040000 TEST KIT-CIO2 TITRATABLE LEVEL

ANIMAL CARE



- 81710217 KICK STOP
81710218 END CAP-KICK STOP-RUBBER
81710219 SPRING CLIP-KICK STOP



- 81710212 STOOL - MILKING - STRAP ON

LIVESTOCK LEG BANDS



- 81710051 LEG BAND-GREEN-NEON-10/PACK
81710052 LEG BAND - ORANGE - 10/PACK
81710053 LEG BAND - RED - 10/PACK
81710054 LEG BAND - YLW - 10/PACK
81710055 LEG BAND-YLW-NEON-10/PACK

CATTLE PAINT



- 81770013 CATTLE PAINT - 4-PACK ONE OF EACH COLOR

LIVESTOCK EAR TAG SYSTEM



- 81381000 EAR TAG - RFID - HALF DUPLEX W/STUD
81740000 APPLICATOR - ALLFLEX - RETRACT O MATIC - RFID



EXPRESSO LEGACY PARTS

LEGACY EXPRESSO PARTS

EXPRESSO LEGACY PARTS

LEGACY EXPRESSO PARTS

ACCESSORIES



Flow Cells

5/8"

9007014010	Flow Cell w/10' Sensor Cable
9007014050	Flow Cell w/50' Sensor Cable
9007014080	Flow Cell w/80' Sensor Cable

5/8"
GOAT

37119200	Goat Flow Cell w/10' Sensor Cable
9007014050G	Goat Flow Cell w/50' Sensor Cable
9007014080G	Goat Flow Cell w/80' Sensor Cable

3/4"

9007214010	Flow Cell w/10' Sensor Cable
9007214050	Flow Cell w/50' Sensor Cable
9007214080	Flow Cell w/80' Sensor Cable



Flow Cell Mounting

90050110	SS Flow Cell Bracket
----------	----------------------



90050111	Flow Cell Holder
90050112	Flow Cell Holder For 3/4"



90052113R	SS Flow Cell and Valve
-----------	------------------------

90052113L	Mounting Bracket
-----------	------------------

USE WITH:

81590026	Hanger Mtg Bracket-1.5"SS
81590027	Hanger Mtg Bracket-2"SS
81590028	Hanger Mtg Bracket-2.5"SS
81590030	Hanger Mtg Bracket-3"SS
81590031	Hanger Mtg Bracket-4"SS



90052406L	Bracket-3/4" FC-Vortex-L
-----------	--------------------------

90052406R	Bracket-3/4" FC-Vortex-R
-----------	--------------------------

90051408	Extention
----------	-----------

USE WITH 3/4" BRACKET



Vortex Shut Off

80011089	Shutoff - Vortex - No Sensor
----------	------------------------------



Remote Start

37174118	Stall Switch ECR Paddle Type
----------	------------------------------

37374030	Autostart Upgrade Kit 3" Cylinder Rope
----------	--

37374122	Autostart Upgrade Kit 2" Cylinder Chain
----------	---

37374133	Autostart Upgrade Kit 2" Cylinder Rope
----------	--

37374040	Autostart Piston 3"
----------	---------------------

90070319	Remote Magnetic Reed Switch (assembly)
----------	--

90070355	Remote Start Switch SS
37374181	Autostart Switch

37376108	Autostart Switch for Swing Arm
----------	--------------------------------

90070330	REMOTE START PUFFER SWITCH INCLUDES:
----------	--------------------------------------

90020217	PUFFER SWITCH
----------	---------------

90020216	PUFFER BUTTON/ACTUATOR
----------	------------------------

90050090	MOUNTING BRACKET
----------	------------------



81330037	TUBE - NYLON 5/32" - 500' ROLL
----------	-----------------------------------



Shut Off Assemblies

81380010	Shutoff Assembly: Vacuum w/Clamp
----------	----------------------------------

90079172	5/8" MLSO Mounting Bracket
----------	----------------------------

90079173	3/4" MLSO Mounting Bracket
----------	----------------------------

81380054	Shutoff Assembly: Air w/Clamp
----------	-------------------------------

90071810	3" SS Milk Line Clamp
----------	-----------------------

81750236	Clamp On Inlet w/1" Ferrule
----------	-----------------------------

EXPRESSO LEGACY PARTS

ACCESSORIES

Reversing Valves



- 90072133 Two Stall Vacuum Valve Assembly
 90072134 Two Stall Air Valve Assembly
 90072135 Two Stall Vacuum and Air Valve

- 90072137 2 Valve Manifold Set
 90052138 Mounting Din Rail
 90072140 2 Valve Vacuum Assembly
 90072138 Air or Vacuum 4 Valve Set

- 90020135 24VDC 4way M194 Valve

- 90020133 24VDC M193 VALVE w/o FITTINGS

- 90020454 12VDC 320 Valve

- 90020131 12VDC 3WAY 193 VALVE w/FITTING

- 90020132 24VDC 3WAY 193 VALVE w/FITTING

- 90029502 12VDC M193 VALVE ONLY

- 90029503 24VDC 3WAY 193 VALVE ONLY

- 90020134 24VDC 4way 194 Valve

- 90020456 24VDC 320 Valve Only

- 90020454 12VDC - 320 VALVE

- 90020450 Humphrey 420 4-Way 24VDC Valve



- 90020478 24VDC 3- Way Shifting Valve
 90020463 24VDC Air 4 Way Valve w/o fitting
 90020458 12VDC 4-Way Valve

FITTINGS:

- 90080605 1/4" PT X 3/16" NYLON TUBE 90°
 81320036 1/4" PT X 3/8" NYLON TUBE 90°
 90080606 1/4" PT X 5/32" PTC 90°
 90080607 1/4" PT X 1/4" PTC 90°
 90080600 1/8" PT X 5/32" PTC
 90080602 1/8" PT X 1/4" PTC



- 90010056 SOLENOID CONNECTION PCB MS56



- 37376014 Precision Valve Head-Bare
 37376019 Precision Valve head, Remote 2 Solenoid

Detacher Stall Control Mounts



- 90050327 Vertical Cabinet Bracket
 90050325 Horizontal Cabinet Bracket



- 90050117L SS Tilt Bracket -Left
 90050117R SS Tilt Bracket - Right



- 90050100 W-Bracket



- 90050101 Mounting Plate (Recessed)

ACCESSORIES

Retract Cylinders



81380022 CYL 2" SS Vacuum Horizontal Mount - Rope



37374048 CYL 2" SS Vacuum Vertical Mount - Rope



37374052 CYL 3" SS Vacuum w/Precision Valve Head Rope



90050182 CYL 2" SS Vacuum w/Precision Valve Head Rope



37374046 CYL 3" Vacuum w/Precision Valve - Horizontal

Retract Cylinder Mounting



90050160 Mounting Bracket for 2" SS Cyl
37374701 Waikato Lower Cylinder Bracket

Milk Line Shut-off



81330098 Air Pinch Valve w/1/4" Push Fitting For 5/8" or 3/4" Hose

81330056 MISO Air Pinch Valve 5/8" or 3/4" 5/32" Air Fitting



37174143 Waikato Shut Off Valve

90070120 MLSO Single Diaphragm Valve-Vacuum

90070121 MLSO Dual Diaphragm Valve-Vacuum

90070122 MLSO Single Diaphragm Valve Vacuum 90° S.S.



38112000 SMARTPULS i INDEPENDENT PULSATOR

VARIANTS:

38112002 SMARTPULS R-RIPPLEPHASE-02

38112004 SMARTPULS Si - SINGLE IND. (2+2)-04

38112006 SMARTPULS SR - SINGLE RIPL. (2+2)-06



37374116 BREAK AWAY CLIP PACK OF TEN (10)

37374117 EACH



81380035 SS BREAK-A-WAY CLIP



37107001 WAIKATO PULSATOR ADAPTER



81380030 SS MILK UNIT SPRING CLIP



38108100 MULTIMOUNT-PULSATOR-WAIKATO



37374705 SS Chain Detacher Per Meter
81380039 Connector Link

EXPRESSO LEGACY PARTS

ACCESSORIES



37140516 Conduit-25MM-Flexible
Black-Filtered Air



37140510 Fresh Air Filter Assembly



38109051BK PULSATOR INLINE FILTER



Tie Stall -Stall Cock Adapters

90037001 FAST CONNECT 2" STALL COCK 2 PIN
90037002 FAST CONNECT 2.5" STALL COCK 2 PIN



90070083 FAST CONNECT HANDLE - 2PIN



90070081 DELAVAL STALL COCK ADAPTER



90070082 BOUMATIC STALL COCK ADAPTER



90070089 UNIVERSAL STALL COCK ADAPTER



90070098 WESTFALIA STALL COCK ADAPTER



90040007 FAST CONNECT ADAPTER GAS-
KET
1 EA. - REQUIRES 2 PER
HANDLE



37074755 ROPE FOR 90031021 BLUE CYLIN-
DER
90030407 ROPE FOR 90030406 GREY CYLIN-
DER



90070019 MILK SIMULATOR



Power Supplies

90070052 Power Supply for Demo Units
90072540 20AMP 24VDC Power Supply Assembly
90022540 20A DC Breaker
90022541 8A AC Breaker



Tie Stall Side Hooks

90052080 HOSE HOOK



90052085 SIDE S HOOK



90050024 SQUARE SIDE HOOK



90050317 J SIDE HOOK



90050318 DELAVAL SIDE HOOK



90050568 CLAW HOOK

90050570 FRONT CLAW HOOK



Tie Stall Hangers

90050565 STANDARD ROUND HANGER

90051010 STANDARD SQUARE OPTIONAL
HANGER



90051021 NARROW TROLLEY HANGER

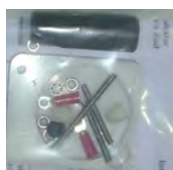


90051022 DELAVAL TROLLEY HANGER

ACCESSORIES



90070088 SURGE ONE TOUCH
CONVERSION KIT



90070425 SURGE SINGLE PULSATOR
CONVERSION KIT

90070405 ALTERNATING PULSATOR
CONVERSION KIT



90070014 SIAMESE TWIN VACUUM
HOSE PER FOOT



Tie Stall Tracker Integration

90072570 TRACKER AIR™ WIRELESS CONTROL



90010045 WIFI CHIP - PROGRAMMED

Expresso Automation Management

MANAGEMENT STATIONS



TrackerREMOTE

90072755 INCLUDES:
ENCLOSURE W/COMPUTER
PROCESSOR
DAIRYTRACE SOFTWARE
ETHERNET SOCKETS
120 VAC PLUG IN POWER
SUPPLY

PARLOR CONTROL INTERFACES



Parlor Master Control

90070531 INCLUDES:
STALL CONTROL SOFTWARE
PROGRAMMED AS PARLOR
MASTER

SPARE PARTS



38112006 WAIKATO SMARTPULS-SR
(REPLACEMENT FOR EXPRESSO)



38109153 SOLENOID - PRECISION 24V-2 PER



90029154 MALE 2PIN POWER CORD OUT OF
THE HOSE - STANDARD 5'



37107252 RETAINER
38109502 COVER FILTER



38112105 SERVICE KIT - PULS-SMARTPULS
MKI-N0-C/PH

Component	Quantity	WMS Part No.	Description
	1	38109504	Filter-Internal-Pulsator-Smartpuls
	1	38109123	Filter-Sponge NT24/Smartpuls (10pk)
	1	38108141	Diaphragm-Pulsator 2+2
	2	38108206	Valve-Stem Waikato Pulsator
	2	381082435	Washer-Waikato Pulsator 2+2
	1	38112205	Plug-Middle Plate-Pulsator
	2	38112106	Valve-Slit Non Return-Yellow-Tested
	1	38112255	Middle-Plate-5/Puls-Printed



90051026 PULSATOR COVER - SS

EXPRESSO LEGACY PARTS

SPARE PARTS



38112500 INLET FILTER FOR EXPRESSO



38109504 INTERNAL COIL FILTER



90020422 24VDC PISTON PULSATOR

FITTING OPTIONS:

90080019 3/8" X 1/8" 90°

90080021 1/2" PT X 5/8" NYLON TUBE

90020420 12VDC PISTON PULSATOR

81320011 PISTON PULSATOR REPAIR KIT
STRANKO

90020502 24VDC PULSATOR COIL REPLACEMENT

90020501 12VDC PULSATOR COIL REPLACEMENT

90029020 2 PIN WIRE FOR FAST
CONNECT HANDLE90070022 FLOW CELL W/21" CABLE
& MLSO - GLUED90070026 FLOW CELL W/16" CABLE
& MLSO

37174143 WAIKATO - SHUTOFF - ONLY



90031010 DELAVAL PULSATOR BLOCK



90031003SS PULSATOR BLOCK



90031016 BOUMATIC PULSATOR BLOCK



90020412 24VDC VALVE - CLIPPARD

90020411 12VDC VALVE - CLIPPARD

90029153 FEMALE 2PIN POWER CORD
OUT OF THE UNIT90070021 FLOW CELL W/21" CABLE
90070027 FLOW CELL W/16" CABLE

90070122 MLSO W/SWIVEL ELBOW



90070123 MLSO W/NYLON ELBOW

SPARE PARTS



37274110 WAIKATO - REPLACEMENT DIA-
PHRAGM



90070125 ML SO W/RUBBER ELBOW
90080023 RUBBER ELBOW ONLY



81380015 MILK LINE SHUTOFF VALVE DIA-
PHRAGM



90070120 ML SO W/STRAIGHT NIPPLE



90034006 MILK LINE SHUTOFF VALVE BODY



81640122 TUBE-SINGLE-CLEAR-3/16"-PER FT



90030109 MILK LINE SHUTOFF VALVE COVER
W/90° ELBOW
90030110 W/NIPPLE
90030111 W/SWIVEL 90° ELBOW - SS
90030108 W/RUBBER ELBOW



90040012 TUBING-BLACK SILICONE
1/4"OD X 1/8"ID-PER INCH
90040012R TUBING-BLACK SILICONE
1/4"OD X 1/8"ID - 500' ROLL



90050090 BRACKET FOR PUFFER SWITCH



90020216 PUFFER BUTTON - ONLY



90070355 SWITCH-REMOTE STARTER
PIEZO - PARLOR



90020089 PIEZO SWITCH KIT
PORTABLE DETACHER



90020217 PUFFER SWITCH



90020088 JOG SWITCH KIT

EXPRESSO LEGACY PARTS

90028020 RETRACT MOTOR ONLY



FOR 90070560, 90070561, 90072560, 90072561

90030500 BALL FOR DETACHER ROPE



90046001 ELECTRIC MOTOR ROPE (PER 72")

FOR 90070560, 90070561, 90072560,
90072561

90051020 BALL CATCH

FOR 90070560, 90070561, 90072560,
90072561

90051002 HOSE GUIDE

FOR 90070560, 90070561, 90072560,
90072561

90020088 JOG SWITCH



FOR 90070560, 90070561, 90072560, 90072561

90010036 PROTECTIVE FUSE



FOR 90070560, 90070561, 90072560, 90072561

90020130 UPDATE KIT TIE STALL

24 VDC PRECISION

90020414 BLUE EXHAUST MUFFLER



FOR 90070560, 90070561, 90072560, 90072561

90031002 HAND PROTECTOR (2 PIECE)

FOR 90070560, 90070561, 90072560,
90072561

90031009 COMPAK PLUS SPOOL



90051005 SPOOL PIN



90052003 BRASS SET SCREW

FOR 90070560, 90070561, 90072560,
9007256190050286 SS STANDARD SQUARE
HANGER W/FEET

90031005 BACK END MOTOR CAP

FOR 90070560, 90070561, 90072560, 90072561



90031004 FRONT END MOTOR CAP

FOR 90070560, 90070561, 90072560, 90072561



90052560 MOTOR HOLDER

FOR 90070560, 90070561, 90072560, 90072561



90040002 90° RUBBER MILK HOSE

90070720 STALL GATE PNEUMATIC SWITCH
W/FITTINGS

90052138 DIN RAIL KIT





90032320 EXPRESSO CONTROL BOX FRONT
COVER - WAIKATO VERSION



90010250 EXPRESSO PCB MS34
BOARD W/DISPLAY



90032315 PRESTO CONTROL BOX FRONT
COVER
WAIKATO VERSION



90020114 EXPRESS PCB MS34 DISPLAY ONLY



90032317 FREEDOM CONTROL BOX FRONT
COVER - WAIKATO VERSION



90010172 FREEDOM PCB MS21 BOARD
W/DISPLAY



90032308 CASE BACK FOR ALL CONTROL BOXES
W/WIRE GLAND



90020112 FREEDOM PCB MS21 DISPLAY ONLY



90036001 DVC 1000 TOP COVER
FOR 90029004



90010141 PRESTO PCB MS16 BOARD
W/DISPLAY



90030003 BOTTOM CAP COLLAR
FOR 90029004



90020100 PRESTO/TRACKER TERMINAL
PCB MS16 DISPLAY ONLY



90030002 BOTTOM PRONG CAP
FOR 90029004



90020121 COMM CHIP - UNIVERSAL



90028940 VACUUM CYLINDER PISTON SEAL
FOR 90029004
FOR BLUE CYLINDER

EXPRESSO LEGACY PARTS



- 90020320 8 CONDUCTOR CABLE POWER WIRE
PER FOOT, STANDARD LENGTH 10'
- 90020340 4 CONDUCTOR SENSOR CABLE
PER FOOT, STANDARD LENGTH 10'
- 90020343 3 CONDUCTOR PULSATOR WIRE
PER FOOT, STANDARD LENGTH 10'
- 90020352 2 CONDUCTOR COMMUNICATION CABLE
PER FOOT, STANDARD LENGTH 10'



- 90090234 SCOTCHLOCK CONNECTOR
CRIMPING PLIERS



- 90091115 WIRE STRIPPER



- 90020205 SCOTCHLOC - RED SENSING
90020204 SCOTCHLOC - YELLOW
COMMUNICATION



- 90020203 WIRE SPLICE WIZARD 5 POLE
90020202 WIRE SPLICE WIZARD 3 POLE



- 90022464 DIN TYPE CONNECTOR WITH 25"
LEADS FOR M193 VALVE



- 90090501 CABLE STRIPPER/CUTTER
ADJUSTABLE TO CABLE SIZE



- 90030370 - LOCKNUT-HEYCO-3/8"-GREY
90030371 - HEYCO W/O NUT-3/8"-BLK

- 90036004 - LOCKNUT-HEYCO-1/4"-BLK



- 90020206 GREY WIRE NUT



- 90030351 DIELECTRIC GREASE



- 90020214 SPLICE KIT - SENSOR CABLE



- 90070320 INDUCTIVE PROXIMITY SWITCH



- 90020197 SORT PHOTO EYE SENSOR

LEGACY PARTS - CHECK FOR STOCK ON ALL REQUESTS

- | | |
|---|---|
| 90020471 POPPET LARGE SERIES BLUE | 90030411 GREY CYLINDER TOP O-RING |
| 90020472 POPPET SMALL SERIES RED | 90030409 GREY CYLINDER PULLEY |
| 90020469 KIP VALVE LARGE COIL ASSEMBLY | 90030408 GREY CYLINDER PISTON SEAL |
| 90020470 KIP VALVE SMALL COIL ASSEMBLY | 90030400 DELAVAL MOTOR |
| 90010042 PCB RELAY AND PROTECTIVE FUSE FOR 90070550 | 90030402 DELAVAL VACUUM MOTOR COVER |
| 90020076 FUSE PTC RESET 1.85A HOLD | 90030401 DELAVAL VACUUM MOTOR SEAL KIT |
| 90030406 GREY 2" CYLINDER COMPLETE | 90020411 12VDC VALVE FOR MILK LINE SHUTOFF (CLIPPARD) |
| 90030403 GREY 2" CYLINDER ONLY | |
| 90030412 GREY CYLINDER CAP GUARD | |
| 90030410 GREY CYLINDER CAP | |

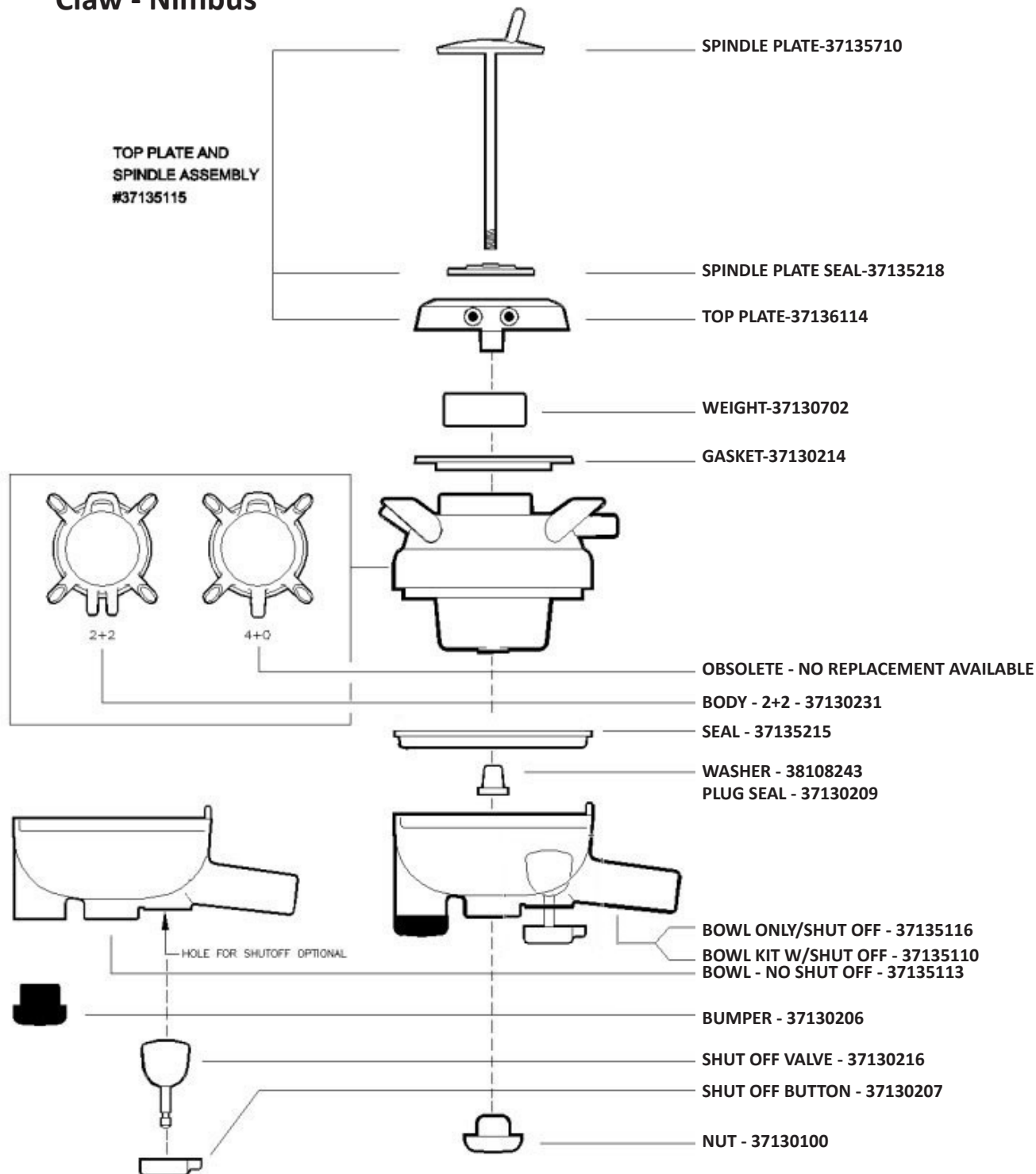


PARTS/EXPLODED VIEWS

PARTS/EXPLODED VIEWS

PARTS/EXPLODED VIEWS

Claw - Nimbus



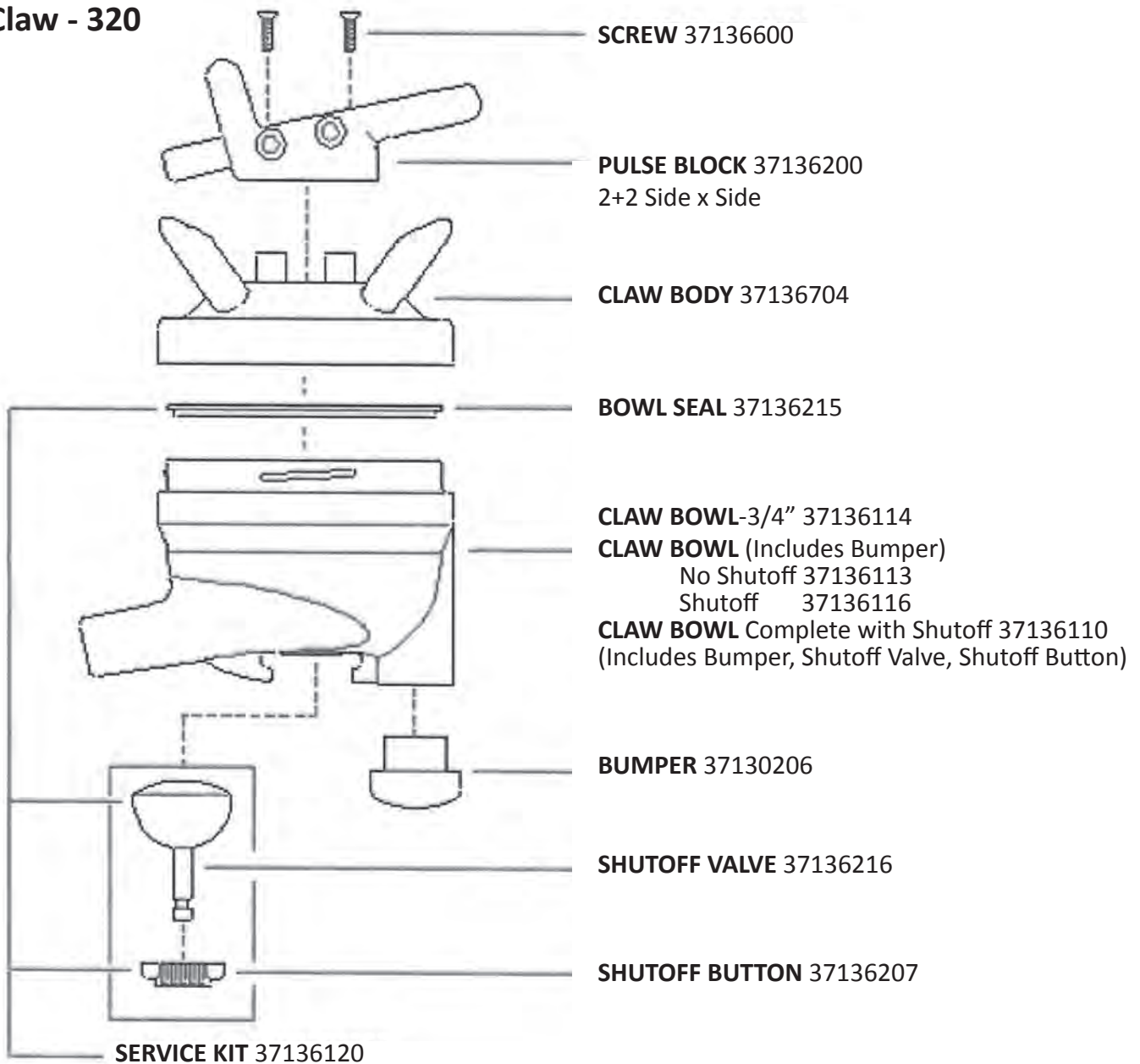
FIND COMPLETE CLAW NUMBERS - SECTION 5 -MILK HARVEST

SERVICE KIT W/SHUT OFF - 37135131
SERVICE KIT W/O SHUT OFF - 37135120

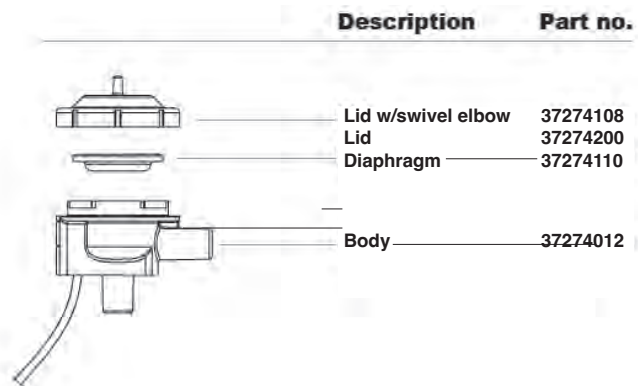
PARTS

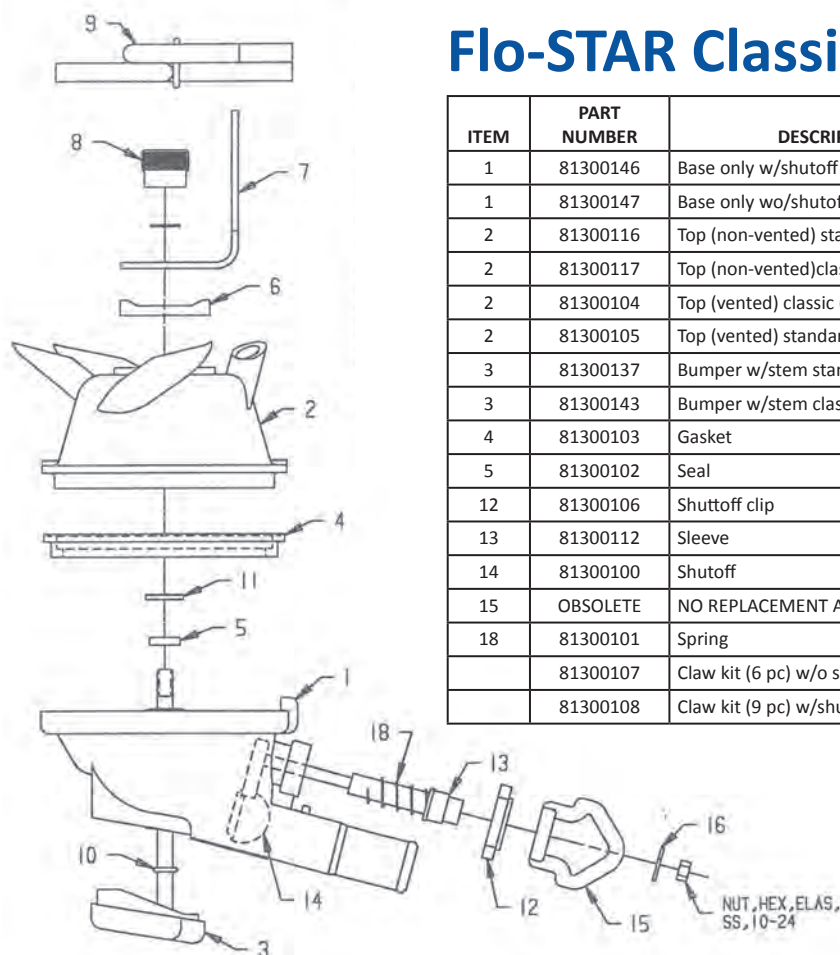
FIND COMPLETE CLAW NUMBERS - SECTION 5 -MILK HARVEST

Claw - 320



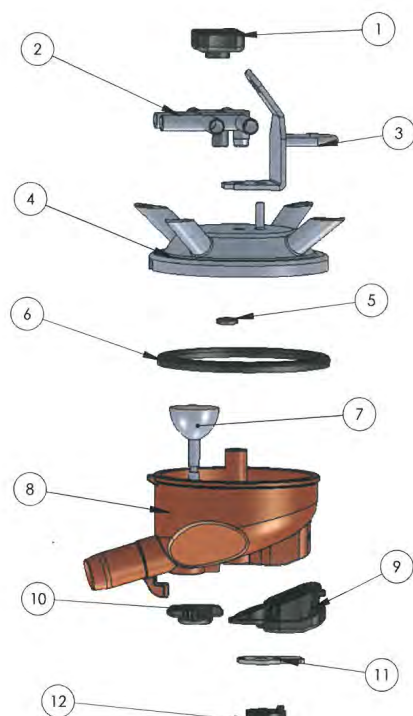
Flow Sensor / Shut Off Valve





Flo-STAR Classic Claw Assemblies

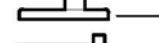
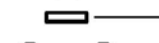
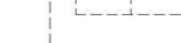
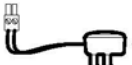
ITEM	PART NUMBER	DESCRIPTION
1	81300146	Base only w/shutoff
1	81300147	Base only wo/shutoff
2	81300116	Top (non-vented) standard (tall)
2	81300117	Top (non-vented) classic (short)
2	81300104	Top (vented) classic (short)
2	81300105	Top (vented) standard (tall)
3	81300137	Bumper w/stem standard
3	81300143	Bumper w/stem classic
4	81300103	Gasket
5	81300102	Seal
12	81300106	Shutoff clip
13	81300112	Sleeve
14	81300100	Shutoff
15	OBSOLETE	NO REPLACEMENT AVAILABLE
18	81300101	Spring
	81300107	Claw kit (6 pc) w/o shutoff
	81300108	Claw kit (9 pc) w/shutoff

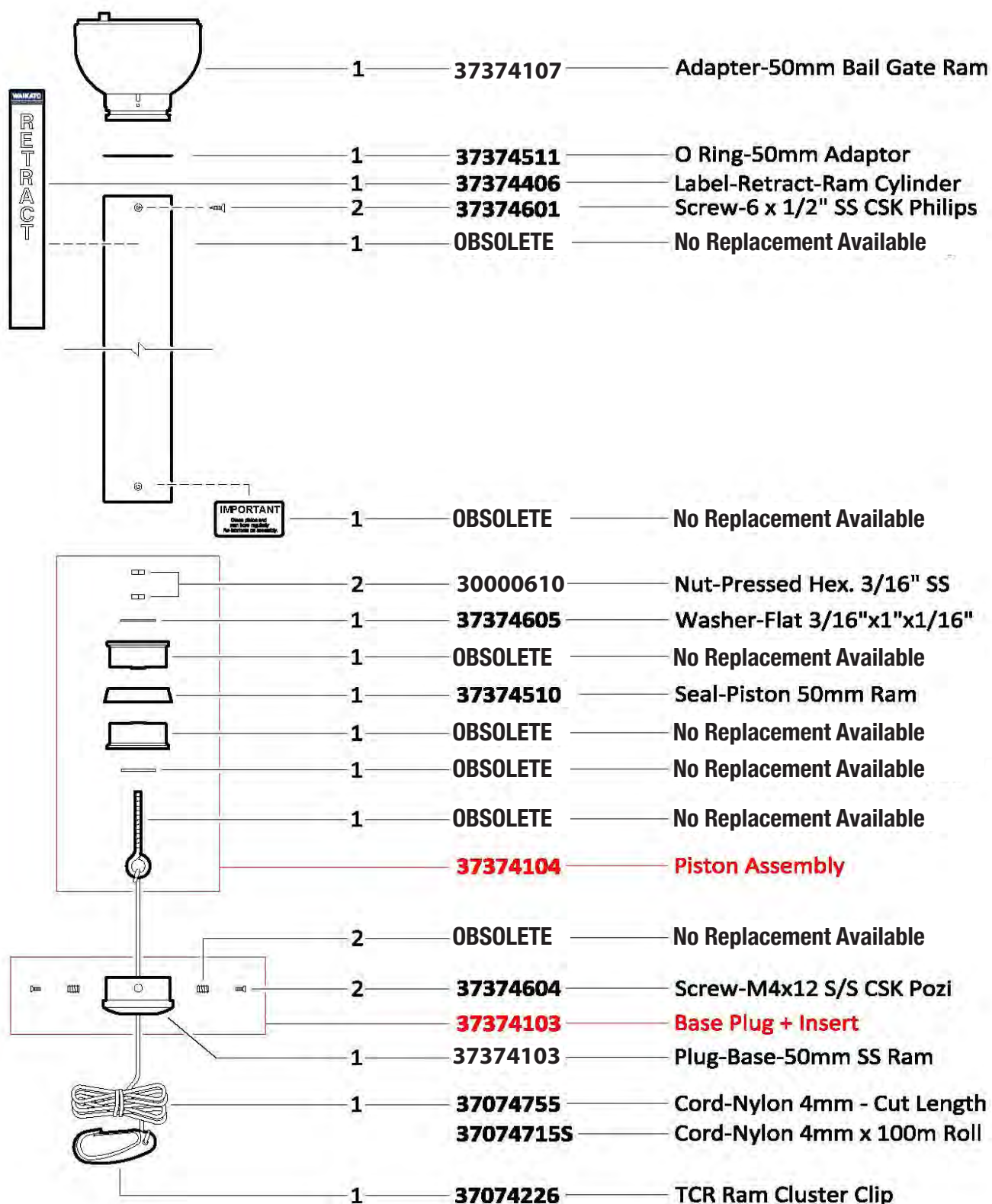


300 Claw Assemblies

ITEM	PART NUMBER	DESCRIPTION
1	81300138	Nut
1	81300140	Bolt - Classic w/shutoff
1	81300141	Bolt - Classic wo/shutoff
2	81300118	Plastic StS fork
2	81300131	SS FtR air fork
2	81300144	Air Fork SS, Sfs
3	81300119	Hanger
4	81300129	300E top-non vented
5	81300127	Gray center seal
6	81300120	Bowl gasket
7	81300113	Shutoff
8	81300114	Bowl kit w/o shutoff
8	81300115	Bowl kit w/shutoff
9	OBSOLETE	NO REPLACEMENT AVAILABLE
10	81300134	Shutoff clip
	81300122	Rubber parts kit w/o shutoff
	81300123	Rubber parts kit w/shutoff

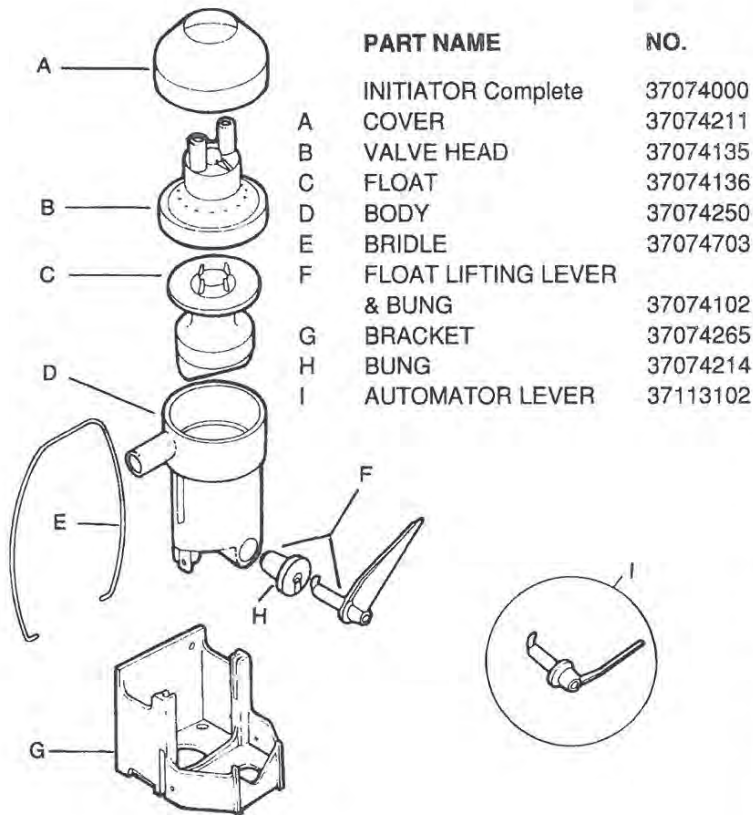
RAM-RETRACT - SS - 50MM

Component	Quantity	WMS Part No.	Description
	1	37375200	Grommet-Lid-Smart ECR
	1	OBSOLETE	No Replacement Available
	1	37374110	PCB-Ultimate Ram (07 Only)
	1	37274204	Spacer-T/fer Valve-ECR
	1	37174500	Filter-Sponge ECR Ram
	1	38109153	Solenoid-Precision 24VDC
	4	38108600	Screw-4G x 1in S/S Selftap
	1	37174201	Top Plate-ECR
	1	37174221	Diaphragm-Waikato ECR
	1	38108206	Valve-Stem Waikato
	1	38108243	Washer-Waikato Pulsator
	1	37174202	Plate-Middle-ECR
	1	37174222	Gasket-ECR
	2	30000610	Nut-Machine Hex. M6 St.
	2	OBSOLETE	No Replacement Available
	1	OBSOLETE	No Replacement Available
	2	37174223	Plug-Nipple ECR Ram
	1	37174206	Shield-Splash-ECR
	1	OBSOLETE	No Replacement Available
	1	38109153	Solenoid-Precision 24VDC
	1	37374507	Tube-Silicone-6x3x110mm
	1	37274205	Elbow-Solenoid-ECR Transfer
	1	37374508	Tube-Silicone6x3x200mm



Detacher - TCR

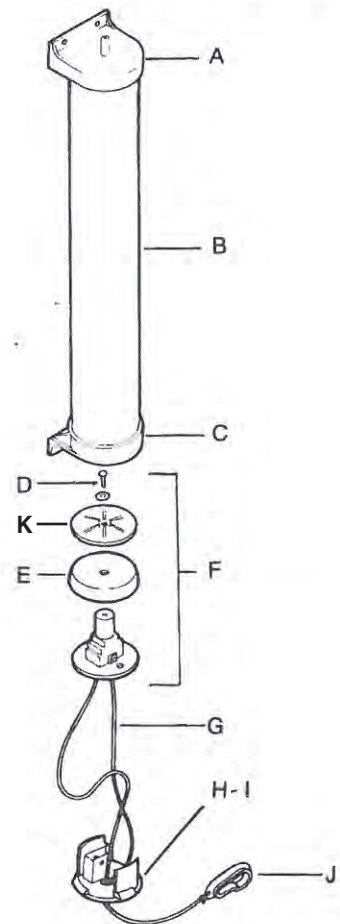
Teat Cup Remover: Initiator



Teat Cup Remover: 80mm Ram

REPLACED BY 37074030

NO.	PART NAME
NLA	80mm RAM Complete
37074266	A NIPPLE BRACKET
NLA	B CYLINDER with NIPPLE & BAYONET BRACKETS
37074267	C BAYONET BRACKET
37074601	D PAN HEAD SCREW
37074223	E PISTON SEAL
37074123	F PISTON ASSEMBLY
37074755	G CORD
37074120	H BAYONET INSERT ASSEMBLY
37074121	I BAYONET INSERT ASSEMBLY with pulley
37074226	J T.C.R. CLUSTER CLIP
37074224	K BACKING PLATE



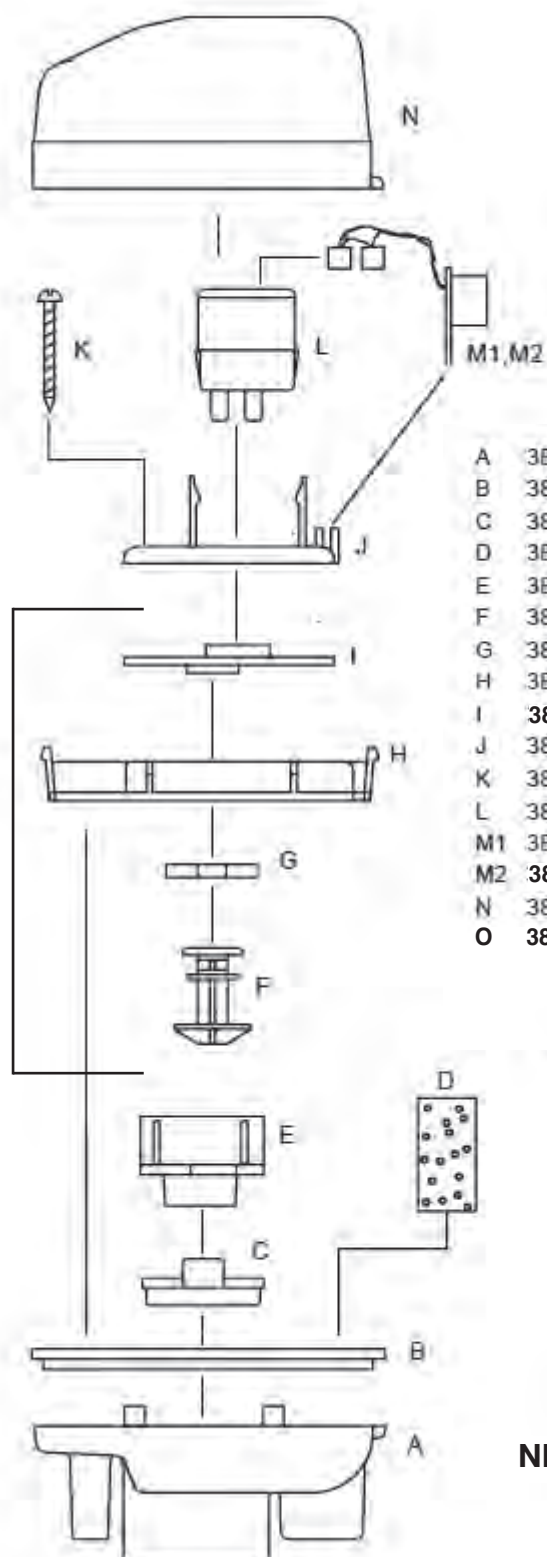


COMBIFAST® InterPuls



REFERENCE #	PART #	DESCRIPTION	REFERENCE #	PART #	DESCRIPTION
001	90029040	DISTRIBUTION TUBE	022		HALF SHELL-40MM
002		PLUG	023		HALF SHELL-52MM
003		HANDLE HALF LEFT	024		HALF SHELL-63MM
004		PLUG CAP	025		BLOCKING NUT
005	90029044	PIPE HEADER	026		ANCHOR SCREW
006	90029041	CONNECTING TUBE	027		AIR TUBE
007		MILK TUBE	028		VACUUM CONNECTION
008		PULSATION TUBE CLAMP	029	90029043	SEAL-STALLCOCK BALL
009		HANDLE HALF RIGHT	030	90029045	STALLCOCK BALL
010		CABLE PLUG	031	90036008	VACUUM RING NUT
011		COMPLETE COVER	032	90040008	GASKET-VACUUM RING
013	90029019	SLIDE ASSEMBLY	033	90029046	FEMALE PLUG & WIRE
014	90029042	SEALING PAD	035		VACUUM BEND
015		BODY W/PLUGS	036		VACUUM BEND GASKET
016		ADAPTOE-40MM	037	90029020	MALE 2-PIN WIRE
017		ADAPTOR-52MM	040		HALF SHELL-50.8MM
018	90036007	ADAPTOR-63MM	300		HANDLE BOLT
019		GASKET-40MM	335		CAP O-RING
020		GASKET-52MM	336		CAP
021	90040007	GASKET-63MM			

Pulsator - 2+2

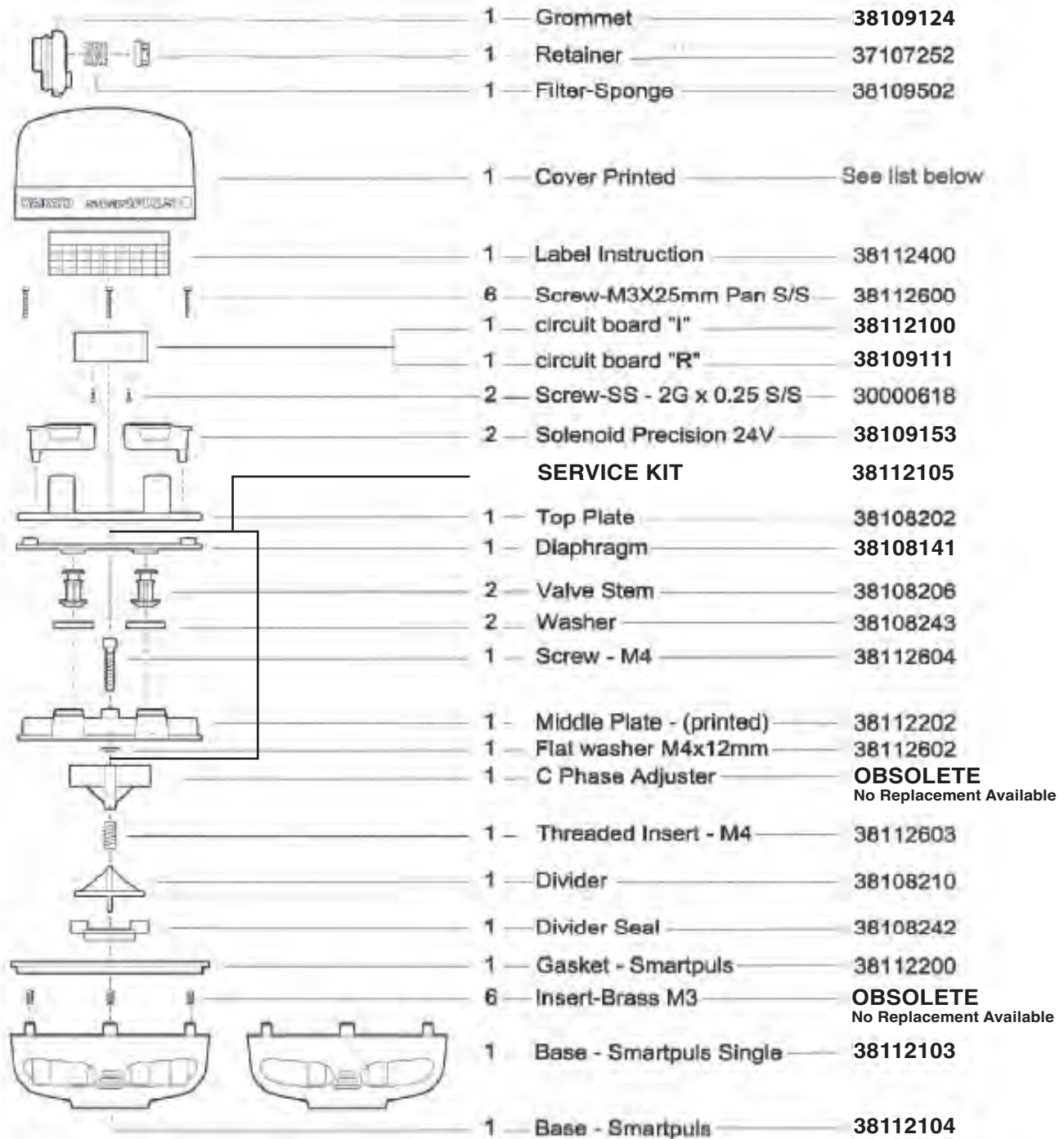


A	38108201	PULS. 2+2 BASE
B	38108240	SILICONE PULS. 2+2 GASKET
C	38108242	SILICONE PULS. 2+2 DIVIDER
D	38108500	PULS. 2+2 FILTER
E	38108210	PULS. 2+2 DIVIDER
F	38108206	PULS. 2+2 VALVE STEM
G	38108243	SILICONE PULS. 2+2 WASHER
H	38108203	PULS. 2+2 MIDDLE PLATE
I	38108141	SILICONE PULS. 2+2 DIAPHRAM
J	38108202	PULS. 2+2 TOP PLATE
K	38108600	SCREW-SELF TAPPING S/S 4x25MM
L	38108110	ASSY-PULS. 2+2 SOLENOID
M1	38108130	ASSY-PULS. 2+2 DRIVER CIRCUIT BOARD ("Waikato i")
M2	38109111	ASSY-PULS. 2+2 RIPPLE PHASE CONNECTOR PCB (Waikato R)
N	38108200	PULS. 2+2 LID COVER
O	38108020	SERVICE KIT

Complete 2+2 Pulsator Units

NLA	38108001	Puls 2+2 "Waikato i "	INDEPENDANT
	38108010	Puls 2+2 "Waikato R "	RIPPLE PHASE

Pulsator - SmartPuls



WMS PART NUMBER

38109200

COMPONENT

COVER - SMARTPULS "I" (Waikato)

38109200

COVER - SMARTPULS "R" (Waikato)

38109200

COVER - SMARTPULS "SR" (Waikato)

38109200

COVER - SMARTPULS "SI" (Waikato)

38109200

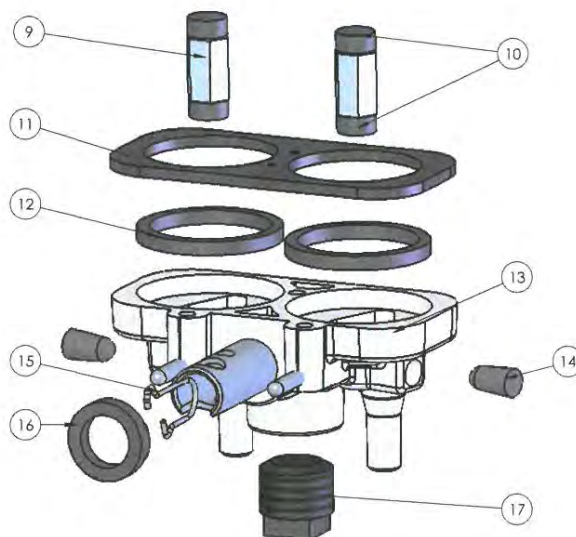
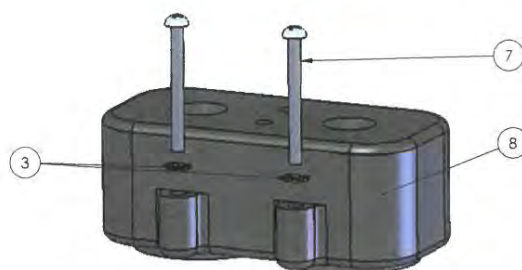
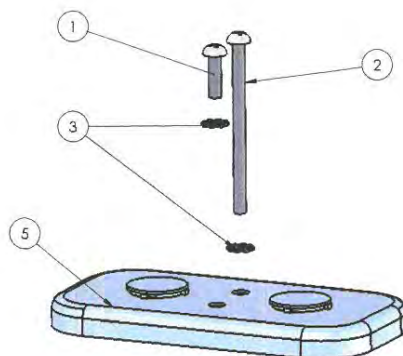
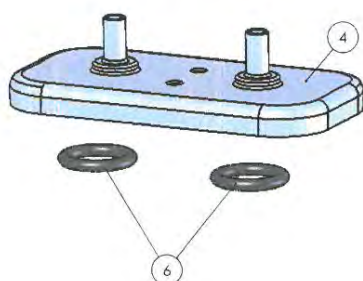
COVER - BLANK

NOT SHOWN:

38109504 FILTER - INTERNAL - COIL

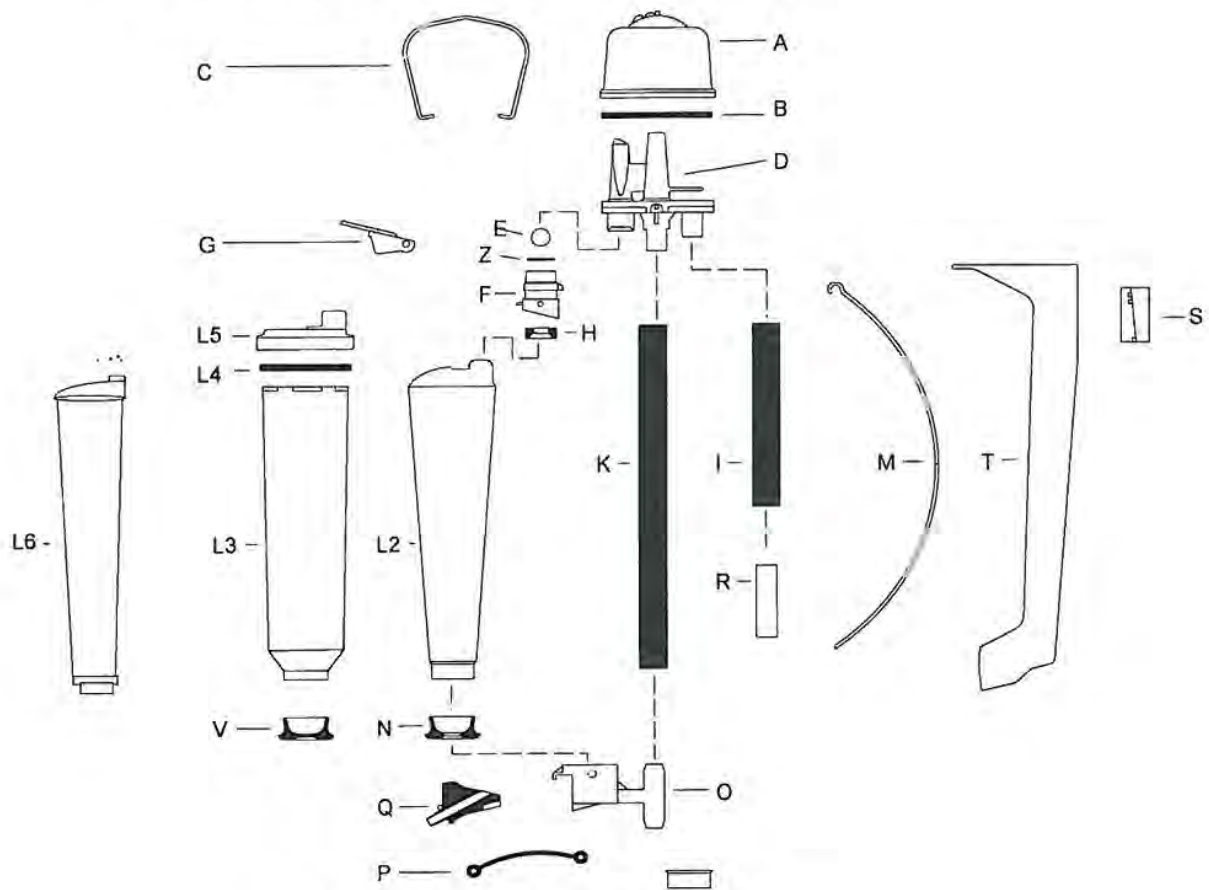
38112500 FILTER - FRESH AIR - USA

BM STYLE PULSATOR



ITEM	PART NUMBER	DESCRIPTION
1	81320117	Short screw
2	81320115	Long screw
3		Star washer
4	81320078	Cover with fresh air (with o-rings)
5	81320077	Cover (blank)
6		O-ring
7	81320116	Medium screw
8	81320085	Coil (black) High flow
	81320112	Coil (black) Standard
	81320029	Coil (red)
	81320030	Coil (blue)
9	81320107	Piston (double cap)
	81320129	Piston (with cap & insert)
10	81320027	Piston cap
	81320057	Piston insert
11	81320086	Foam filter
12	81320060	Coil gasket
13	81320026	Base assembly (portable)
	81320025	Base assembly (parlor mount)
14	81320145	Side plug
15	81320049	Contact spring
16	81320061	Nipple seal
17	81320046	Plug
	81320075	Repair kit (5 piece w/caps)
	81320010	Repair kit (5 piece w/insert & cap)
	81320076	Repair kit (17 piece)

Milk Meter - MK V

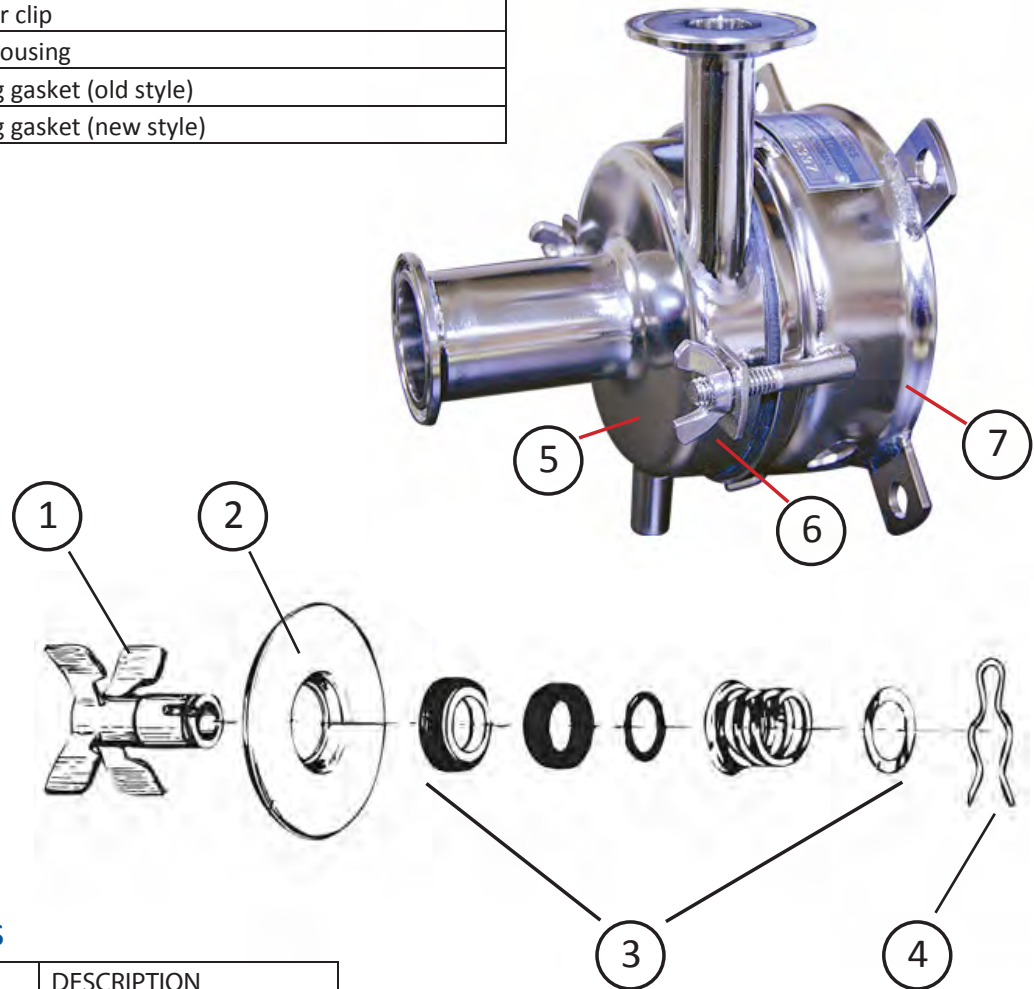


PART	DESCRIPTION	65#/30KG	92#/42KG	GOAT
A	COVER	38050251	38050251	38050251
B	COVER SEAL	38050301	38050301	38050301
C	COVER CLIP	38050703	38050703	38050703
D	BASE	38050161	38050161	37117161
E	STAINLESS STEEL BALL	38050801	38050801	38050801
F	BALL CAGE	38050163	38050163	38050163
G	FLASK DEPRESSOR	38050260	38050260	38050260
H	VALVE HOUSING GASKET	38050503	38050503	38050503
Z	"O" RING	38050504	38050504	38050504
FGHZ	BALL GAGE ASSEMBLY	38050165	38050165	38050165
I	SHORT TUBE	38050505	38050505	38050505
R	SS CONNECTOR	38050704	38050704	38050704
IR	SS CONNECTOR ASSEMBLY	38050166	38050166	38050166
K	HOSE	38050506	38050506	38050506

PART	DESCRIPTION	65#/30KG	92#/42KG	GOAT
L-2	FLASK (30kg/65#)	38050164		
L-2	FLASK (30kg/92#)		38050102	
L-3	FLASK (42kg)		38050284	
L-4	42kg FLASK SEAL		38050219	
L-5	42kg FLASK TOP		38050218	
L-6	FLASK (GOAT)			38067164
M	FLASK WIRES (PAIR)	38050702	38750702	38050702
N	BUNG - OPEN FLASK	38050502	38050502	38050502
V	BUNG - CLOSED FLASK	38050507	38050507	38050507
O	TAP HOUSING	38050262	38050262	38050262
P	TAP STRAP	38050217	38050217	38050217
Q	3-WAY TAP	38050207	38050207	38050207
PQ	TAP W/STRAP	38050185	38050185	38050185
T	SPINE BRACKET	38050216	38050216	38050216
S	WEDGE BLOCK W/BOLTS	38050187	38050187	38050187

Anderson Milk Pumps

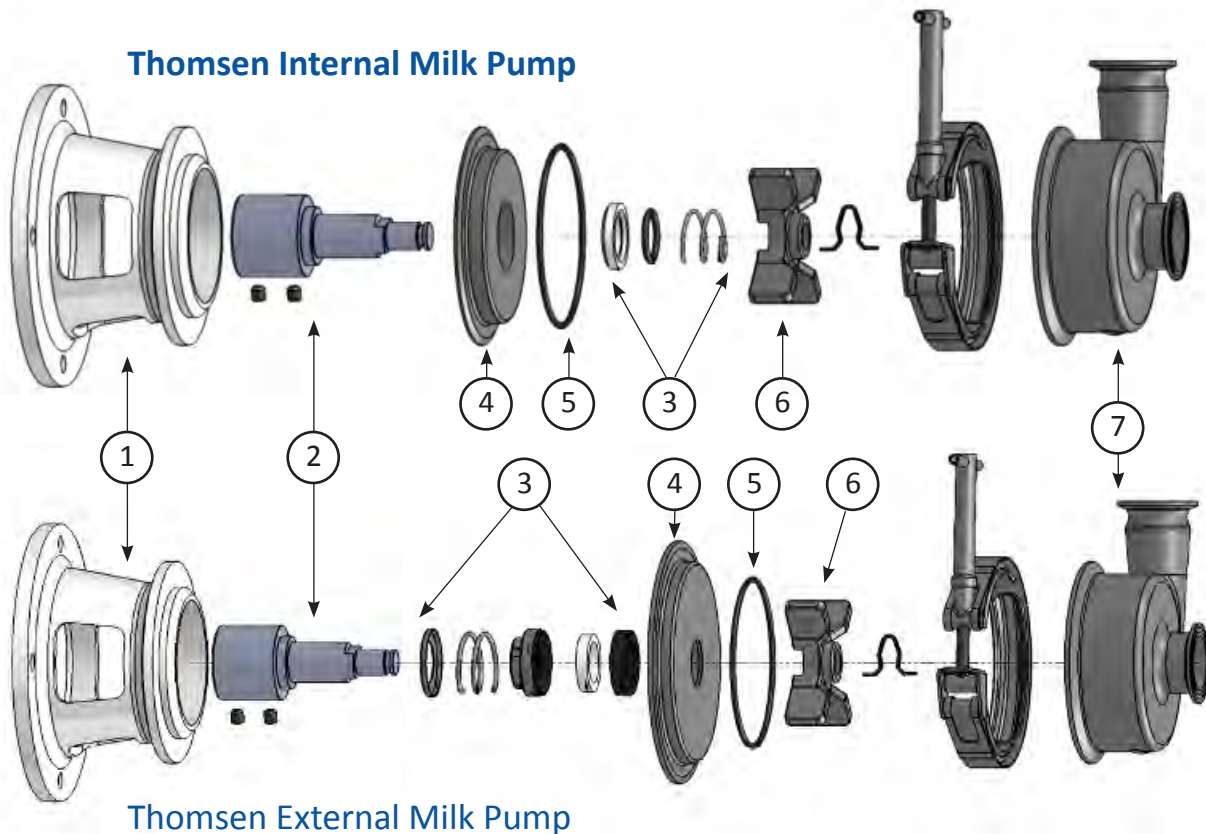
ITEM	PART NUMBER	DESCRIPTION
1	81220071	Impeller (4-Blade)
2		Back plate
3	81220058	Seal assy (includes old & new style housing gaskets)
4	81220018	Retainer clip
5	89999989	Pump housing
	81220036	Housing gasket (old style)
	81220030	Housing gasket (new style)



Beco Milk Pumps

ITEM	PART NUMBER	DESCRIPTION
1	81220038	Impeller (1 hp)
	81220038	Impeller (2 hp)
2	81220039	Back plate
3	81220086	Seal assembly (copy)
	81220042	Seal assembly (genuine)
4	81220018	Retainer clip
5	OBSOLETE	No Replacement Available
	OBSOLETE	No Replacement Available
6	81220043	Black plastic housing nut
7	81220065	Adapter housing
	81220035	Head gasket

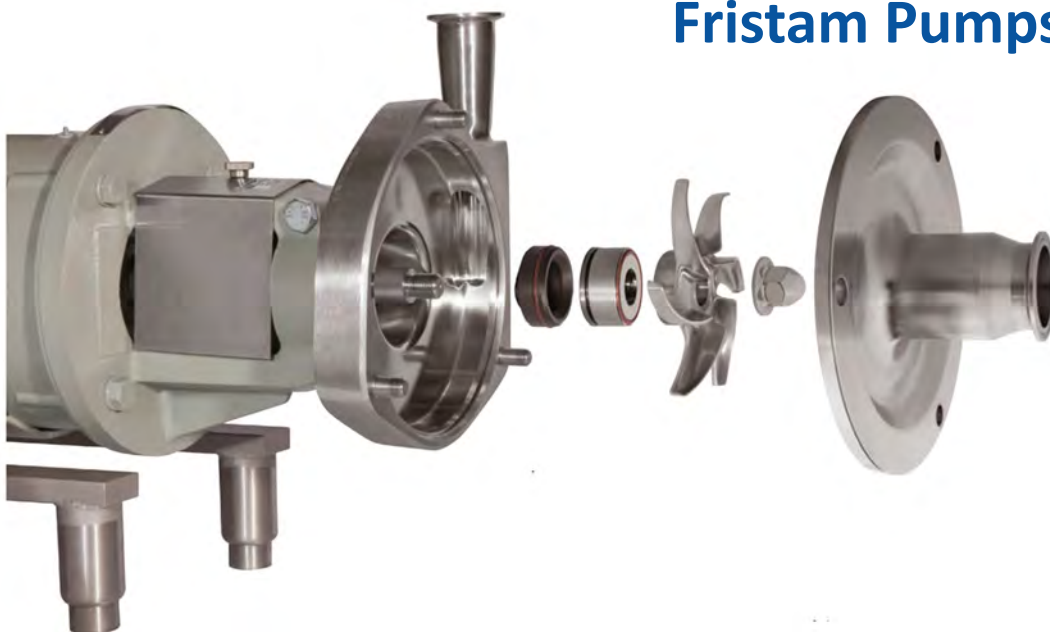
PARTS



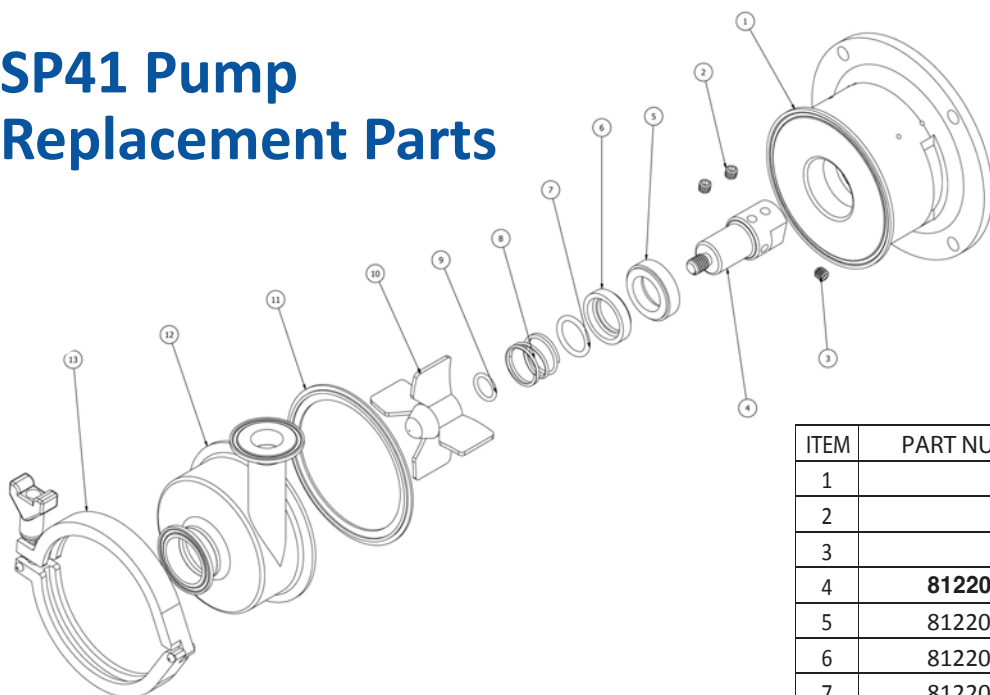
ITEM	PART NUMBER	DESCRIPTION
1	81220014	Pump adapter - #4 - 56C-145TC
	81220078	Pump adapter - #5 - 182TC-256TC
	81220135	Pump adapter - #6 - 56C - 145TC
	81220136	Pump adapter - #6 - 182TC - 215TC
2	81220020	Drive Shaft - #4, #5, & #6 - 7/8"
	81220021	Drive Shaft - #4, #5, & #6 - 5/8"
	81220077	Drive Shaft - #4, #5, & #6 - 1-1/8"
	81220092	Drive Shaft - #8 - 1-1/8"
	81220097	Drive Shaft - #8 - 1-3/8"
3	81220055	Seal kit-#4, #5, & #6 External (generic)
	81220090	Seal kit-#4, #5, & #6 Internal (generic)
	81220047	Seal-Ceramic only #4, #5 & #6
	81220121	Seal Kit #4 High Pressure - Viton
	81220048	Seal Kit #4 External
	81220049	Seal Kit #5 External
	81220108	Seal Kit #8 External
	81220051	Seal Kit #4 Internal
	81220052	Seal Kit #5 Internal
	81220053	Seal Kit #8 Internal

ITEM	PART NUMBER	DESCRIPTION
4	81220069	Back Plate #4 - External
	81220015	Back Plate #5 - External
	81220120	Back Plate #4 - Internal
	81220101	Back Plate #5 - Internal
	81220122	Back Plate #6 - Internal
5	81220033	Housing gasket #4
	81220034	Housing gasket #5
6	81220066	Impeller 3-3/8"
	81220119	Impeller 3-5/8"
	81220040	Impeller 3-7/8"
	81220118	Impeller 4-5/8"
	81220041	Impeller 4-7/8"
	81220091	Impeller 7-7/8"
	81220066	Impeller 3-3/8"
7	81220062	Housing #4 - 1.5"X1.5" Left Hand
	81220076	Housing #4 - 1.5"X1.5"
	81220037	Housing #5 - 2"X2"
	81220075	Housing #5 - 1.5"X1.5"
N/S	81220017	Housing clamp #5
N/S	81220110	T bolt & Handle #4, #5, & #6
N/S	81220019	Impeller clip

Fristam Pumps



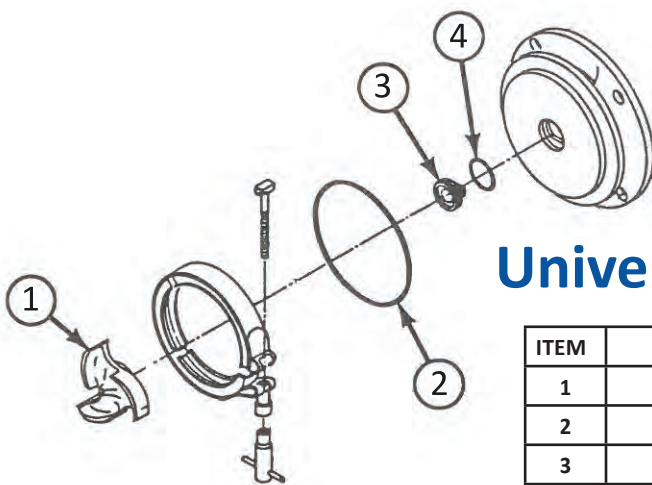
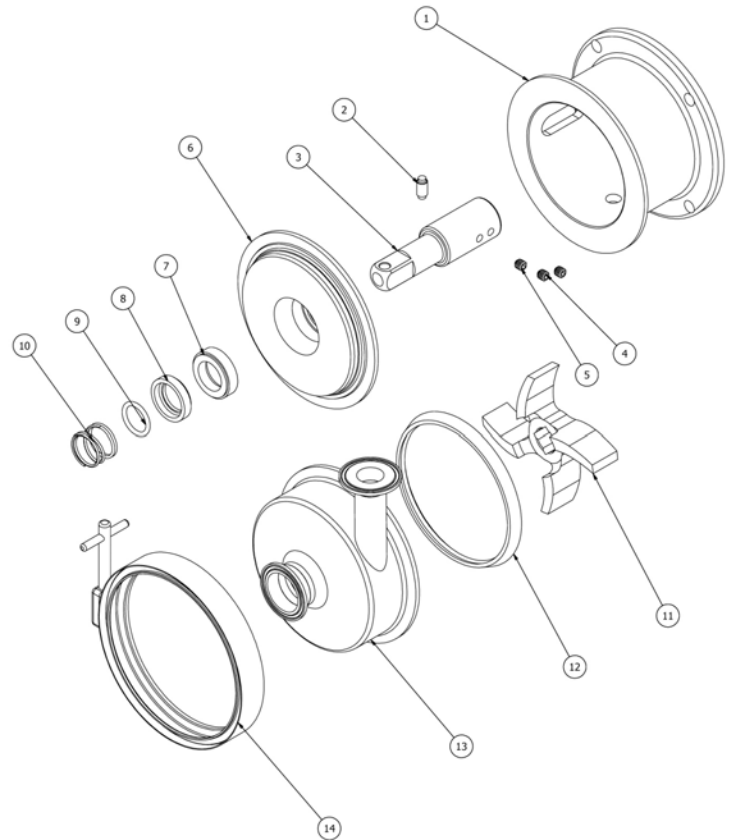
SP41 Pump Replacement Parts



ITEM	PART NUMBER	DESCRIPTION
1		Pump adapter
2		Set screw
3		Set screw
4	81220142	Impeller shaft
5	81220046	Stationary seal
6	81220060	Rotary seal
7	81220057	Seal o-ring
8	81220080	Spring
9		Impeller o-ring
10	81220107	Impeller
11	81560139	Backplate gasket
12		Pump housing
13	81560025	Clamp
	81220067	Seal Kit (copy)

SP51 Pump Replacement Parts

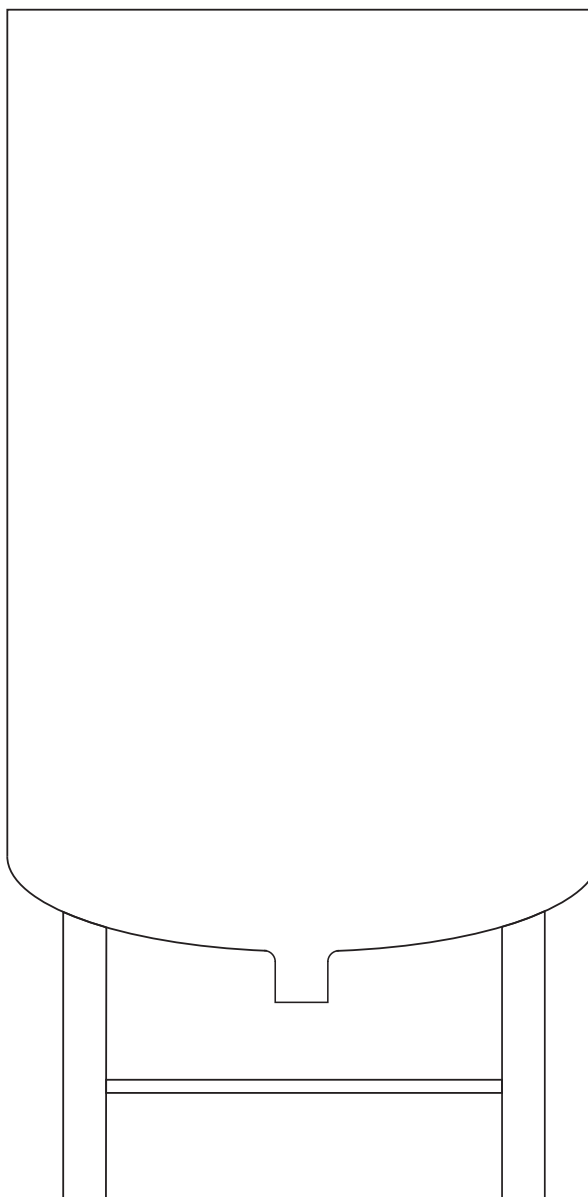
ITEM	PART NUMBER	DESCRIPTION
	81220126	SP51 Pump w/ 5/8" shaft & 4.75" impeller
	81220129	SP51 Pump w/ 5/8" shaft & 5" impeller
1		Pump adapter
2		Retaining pin
3	81220112	Impeller shaft 56c frame (5/8")
	81220111	Impeller shaft 145tc frame (7/8")
6	81220046	Stationary seal
7	81220060	Rotary seal
8	81220057	Seal o-ring
9	81220061	Spring
10		Impeller o-ring
11	81220127	Impeller 4.75"
	81220128	Impeller 5"
12	81220032	Backplate gasket
13		Pump housing
14		Clamp
	81220116	Seal kit , carbon/viton
	81220067	Seal Kit (copy)



Universal (Sta-Rite) Milk Pump

ITEM	PART NUMBER	DESCRIPTION
1	81220131	Impeller
2	81220054	Large o-ring
3	81220050	Graphite seal
4	81220059	Small o-ring
	81220194	Seal kit

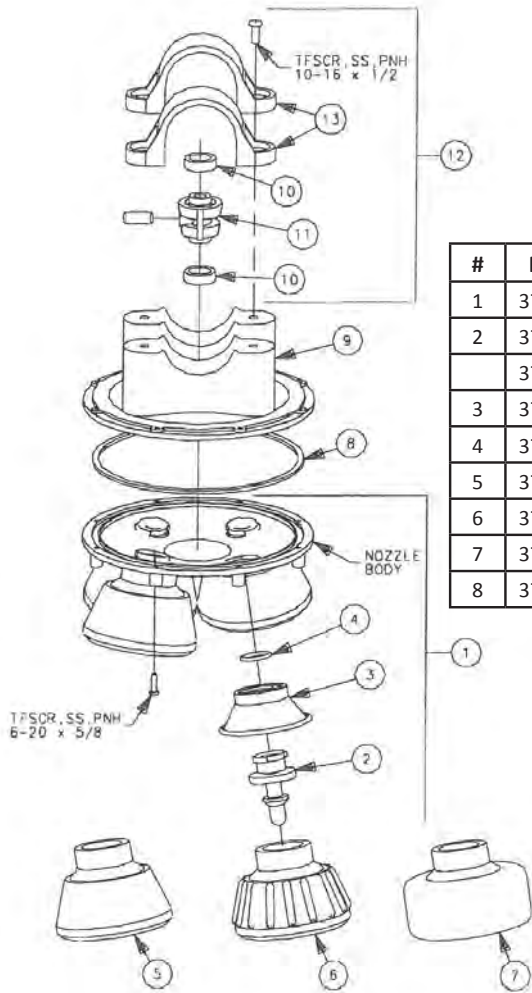
Milk/Wash Vat



Tank size	Width/tank body	Width/cover	Height W/std legs	Height W/24" legs	Height W/36" legs
90	26	27	58	66	78
125	30	31	58	66	78
160	30	31	70	78	90
195	30	31	82	90	102
225	36	37	70	78	90
285	36	37	82	90	102
325	36	37	94	102	114
400	48	49	70	78	90
500	48	49	82	90	102
600	48	49	94	102	114

Size is approximate gallons. Height is in inches and includes feet. Width is in inches.

PARTS



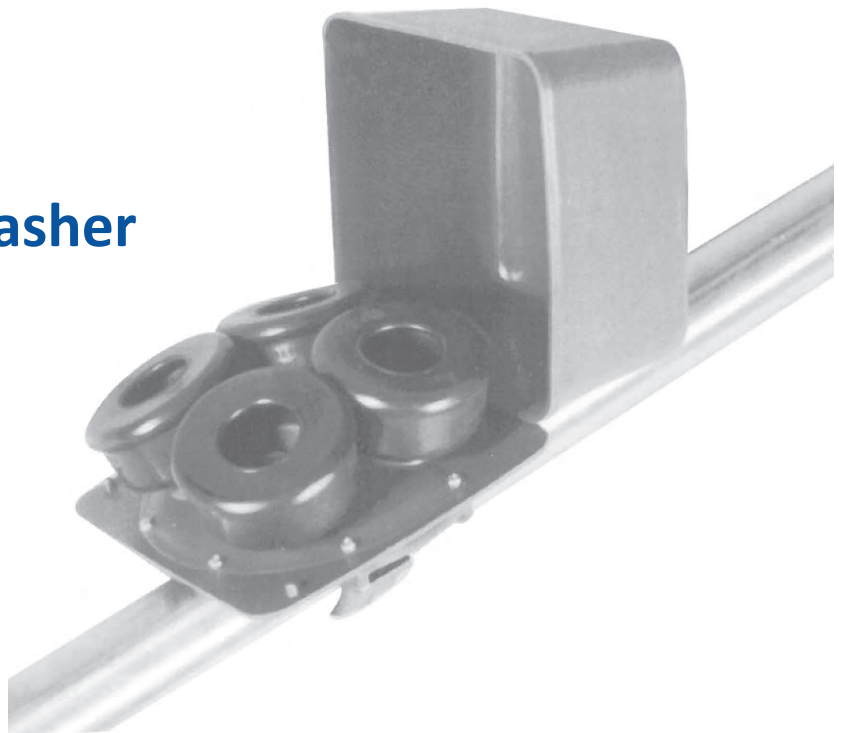
Waikato Flow-Control Jetter

#	PART #	DESCRIPTION
1	37122104	BASE ASSEMBLY-BOTTOM HALF
2	37122215	NOZZLE
	37122110	NOZZLE BODY
3	37122214	CONE
4	37122505	NOZZLE O-RING
5	37122501	CUP - #1
6	37122502	CUP - #2
7	37122504	CUP - #3
8	37122500	BODY SEAL

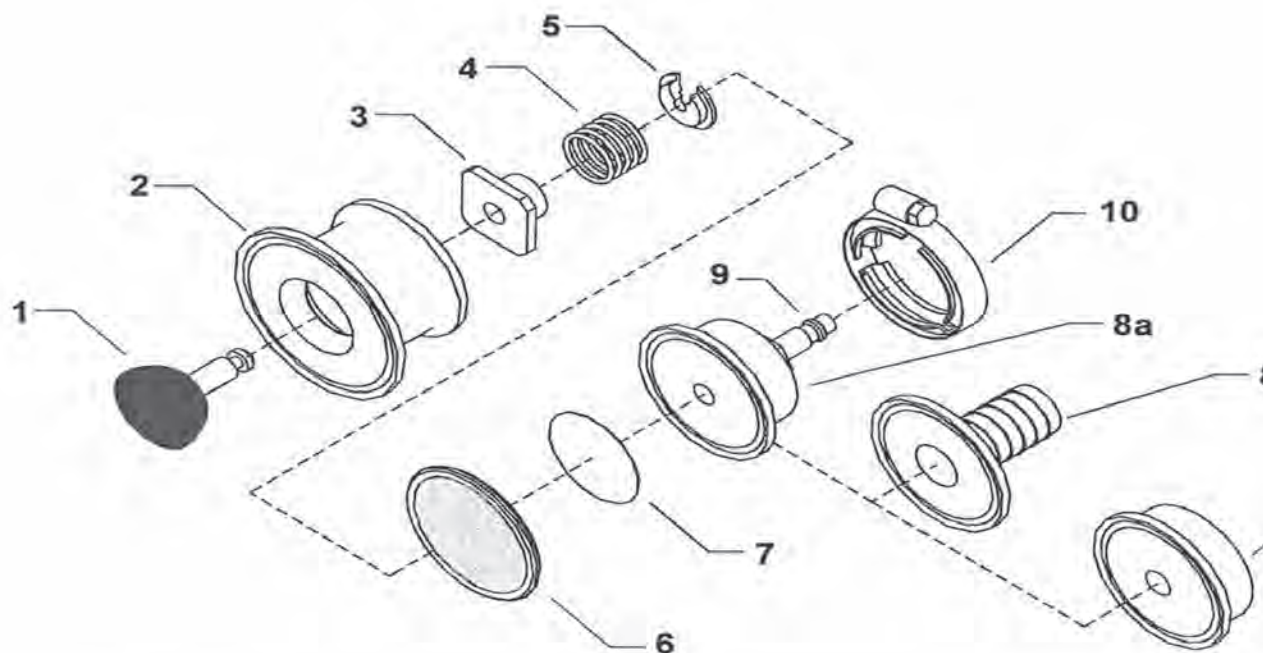
#	PART #	DESCRIPTION
9	37122261	BODY - TOP HALF
10	37122207	SEAL - FLOW CONTROL
11	37122102	FLOW CONTROL - CENTER FEED
N/S	37122103	FLOW CONTROL - SIDE FEED
12	37122129	CLAMP SET W/FLOW CONTROL-2"
13	N/A	
N/S	37122710	SPRING - FLY COVER
N/S	37122112	NON-RETURN VALVE

Vari Flow Jetter Washer

#	PART #	DESCRIPTION
1	81400100	VARI-FLO JETTER-#4 W/COVER-45mm CUPS-2" BRACKETS
2	81400101	FRONT ASSEMBLY
3	81400102	BACK ASSEMBLY
4	81400103	COVER W/HINGE
5	81400104	CUP INSERT
6	81400105	RUBBER CUP - 45mm
7	81400115	RUBBER CUP - 40mm
8	81400106	RUBBER CUP - 35mm
9	81400107	CHECK VALVE
10	81400108	O RING BODY
11	81400109	O RING - PIPELINE SEAL

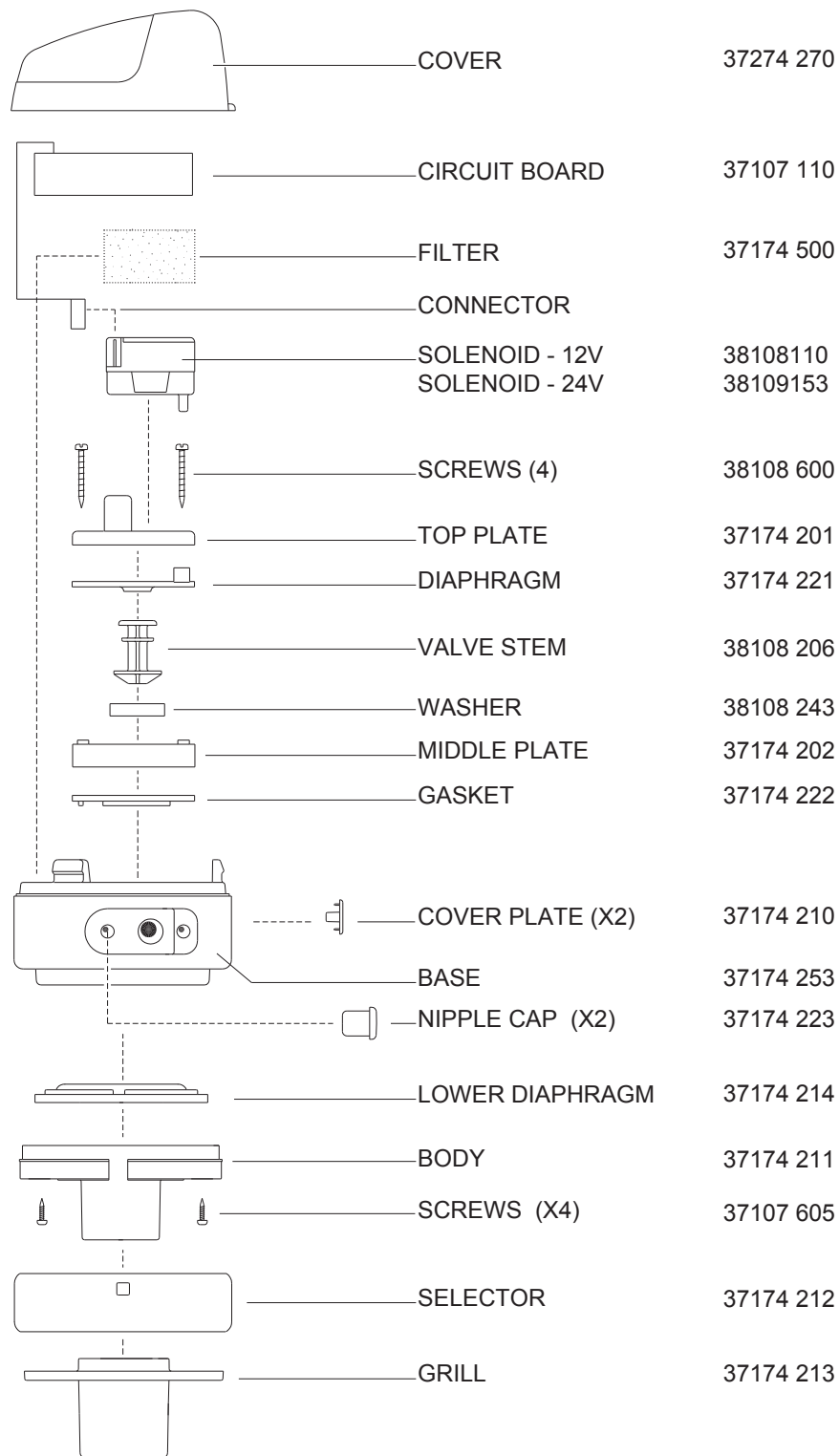


Air Blow Check Valve Replacement Parts



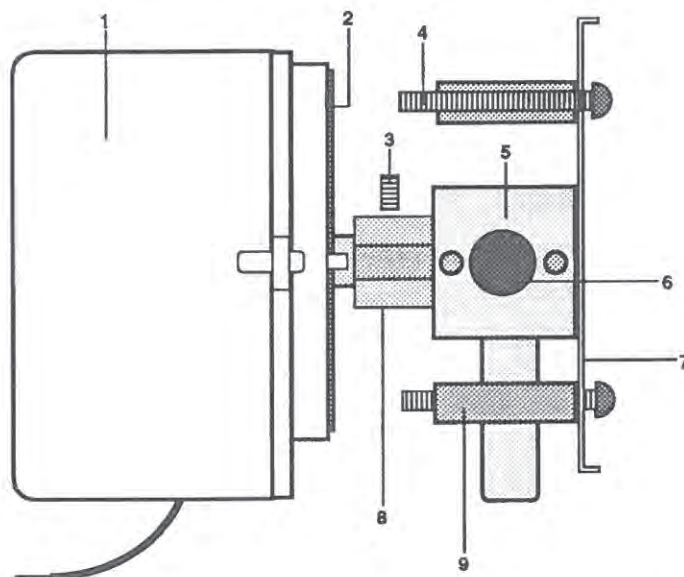
item #	description	part #
1	PLUG & STEM	81630023
2	BODY	N/A
3	STEM GUIDE	81630025
4	SPRING	81630024
5	WASHER	81630026
6	DISC & GASKET (1/8" PREFORATIONS)	81560196
7	FILTER DISC (EACH, PFE MEDIA)	81630021
	FILTER DISC (50 PACK, PFE MEDIA)	81630136
	FILTER DISC (200 PACK	81630045
8A	ADAPTER (AIR CHUCK)	N/A
8B	ADAPTER (1" BARBED)	N/A
8C	ADAPTER (1/2" FNPT)	81630060
8C	ADAPTER (3/8" FNPT)	81630070
9	SPIGOT	N/A
10	CLAMP (1.5" V-INSERT)	81560037
10	CLAMP (1.5" HEAVY DUTY(	81560021
	*REPAIR KIT (INCLUDES 1, 3, 4, & 5)	81630040

Waikato Air Injector - 32mm - Digital

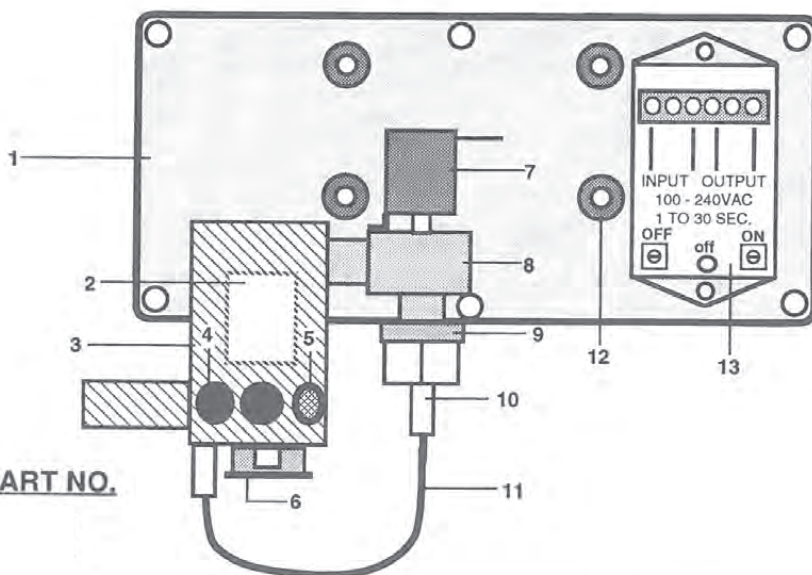


81750242**Bender 1185****Air Injection Timer****Parts List**

ITEM	DESCRIPTION
1	MOTOR COVER ASSEMBLY
2	MOTOR 7 RPM 120VAC MOTOR 7 RPM 240VAC
3	S. S. SETSCREW 10 - 24 X 1/4" LONG
4	S. S. SCREW 10 - 32 X 1 3/4" LONG
5	VALVE BODY
6	PLASTIC CAP (RED)
7	BASE PLATE
8	ROTOR - DOUBLE SLOT (DSR)
9	SPACER

**81750098****Bender 9300****Air Injection Timer****Parts List**

ITEM	DESCRIPTION	PART NO.
1	PLASTIC ENCLOSURE	
2	VACUUM PISTON	
3	VACUUM VALVE	
4	PLASTIC CAP	
5	SCREEN	
6	7/8" HOLE PLUG	
7	COIL 120VAC	81510028
	COIL 240VAC	81750132
8	COIL VALVE ASSEMBLY 120VAC COIL VALVE ASSEMBLY 240VAC	
9	PLASTIC BUSHING	
10	VACUUM LINE ADAPTER	
11	VACUUM LINE	
12	GROMMET	
13	AIR INJECTION TIMER	81750099

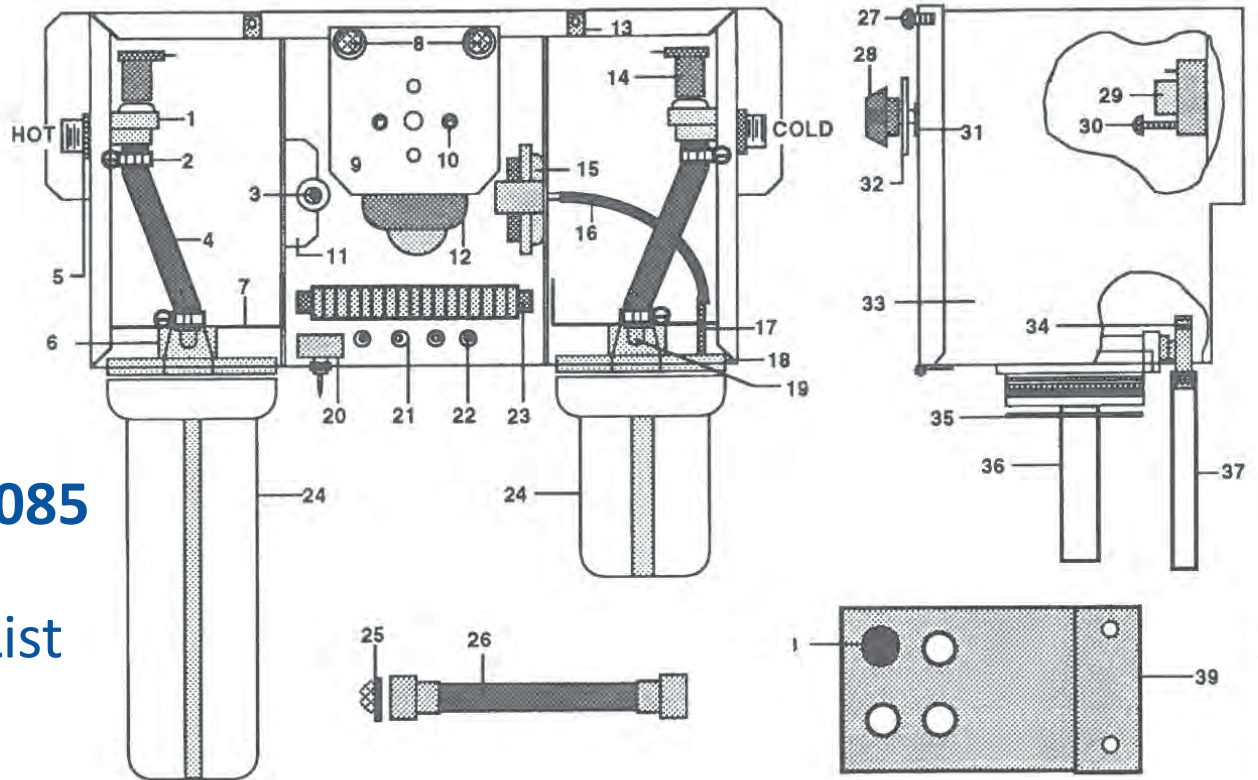


PARTS

81750085

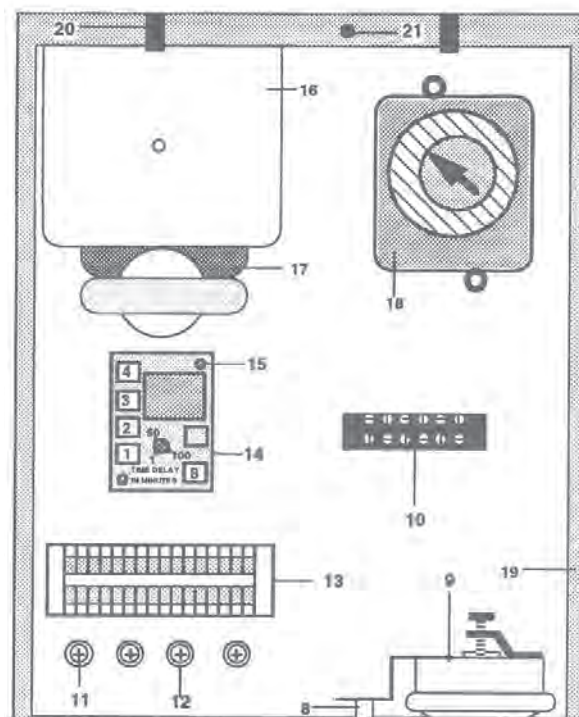
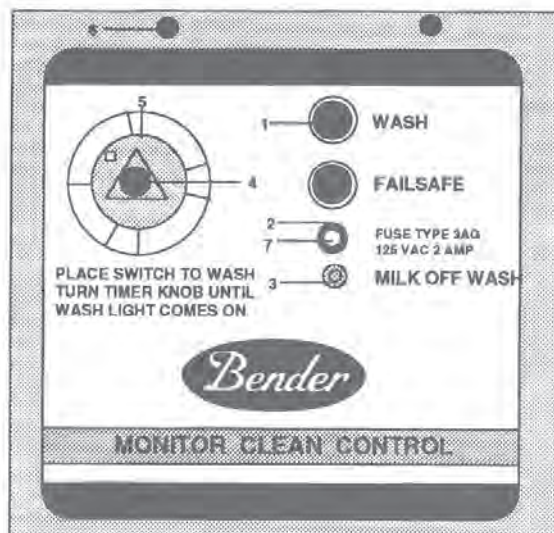
8500

Parts List



ITEM	DESCRIPTION	PART #
1	WATER VALVE	81750094
2	SS HOSE CLAMP - 1/2"	
3	CIRCUIT BREAKER - 10 AMP	
4	REINFORCED RUBBER TUBING-1/2"ID X 6-1/2" LONG	
5	PLASTIC NUT - GREEN	
6	DETERGENT JAR TOP ASSY	81750088
7	MOUNTING BRACKET	
8	LAMP	
9	TIMER BRACKET	
10	SS SCREW-PHILLIPS HEAD 10 - 32 X 3/8" LONG	
11	BRACKET	
12	TIMER ONLY - 120V	81750108
12	TIMER ONLY - 240V	81750256
	TIMER KIT - 120V	81750120
13	SHEET METAL CLIP NUT	81750199
14	COIL - 110 VAC	81510028
15	PRESSURE SWITCH	81750072
16	PLASTIC TUBING-3/16"ID X 1/16" WALL-8-1/2" LONG	
17	FLEX PLASTIC TUBING-1/4"OD X .060 WALL-10' LONG	
18	ACID JAR TOP ASSY	81750118
19	ELBOW - 3/8"NPT X 1/2" HOSE	90080610
20	DPDT TOGGLE SWITCH	81750078
N/S	DECAL	81750297

ITEM	DESCRIPTION	PART #
21	RETENSION WASHER	
22	SS SCREW-PHILLIPS HEAD - 10 - 32 X 3/8" LONG	
23	TERMINAL BOARD	81750326
24	DETERGENT AND ACID JAR	81750089
25	HOSE GASKET W/SCREEN	81750050
26	3/8" I.S. PRESSURE HOSE - 4' LONG	81710020
27	SS SEAL SCREW-PHILLIPS PAN HEAD 10 - 24 X 1/2" LG	
28	TIMER KNOB	81750195
29	FAIL TIMER - 100 MINUTE	
30	SS SCREW-PHILLIPS PAN HEAD - 8 - 32 X 1" LONG	
31	GROMMET	
32	DIAL INDICATOR	81750255
33	CASE ASSEMBLY	
34	RUN T-CHECK VALVE ASSY - 1/2"HOSE X 3/8"NPT X 1/2" HOSE	
35	DETERGENT AND ACID JAR GASKET	81750087
36	PLASTIC TUBING-3/4"ID X 1"OD - 7-1/2" LONG	
37	PLASTIC TUBING-1/2"ID X 1/8" WALL / FT	
38	PRESSURE SWITCH BUSHING	81750096
39	INPUT PLATE	
N/S	WATER VALVE REPAIR KIT	81750081
N/S	8500 HARNESS - 8570	81750145
N/S	8500 HARNESS - 8571	81750146

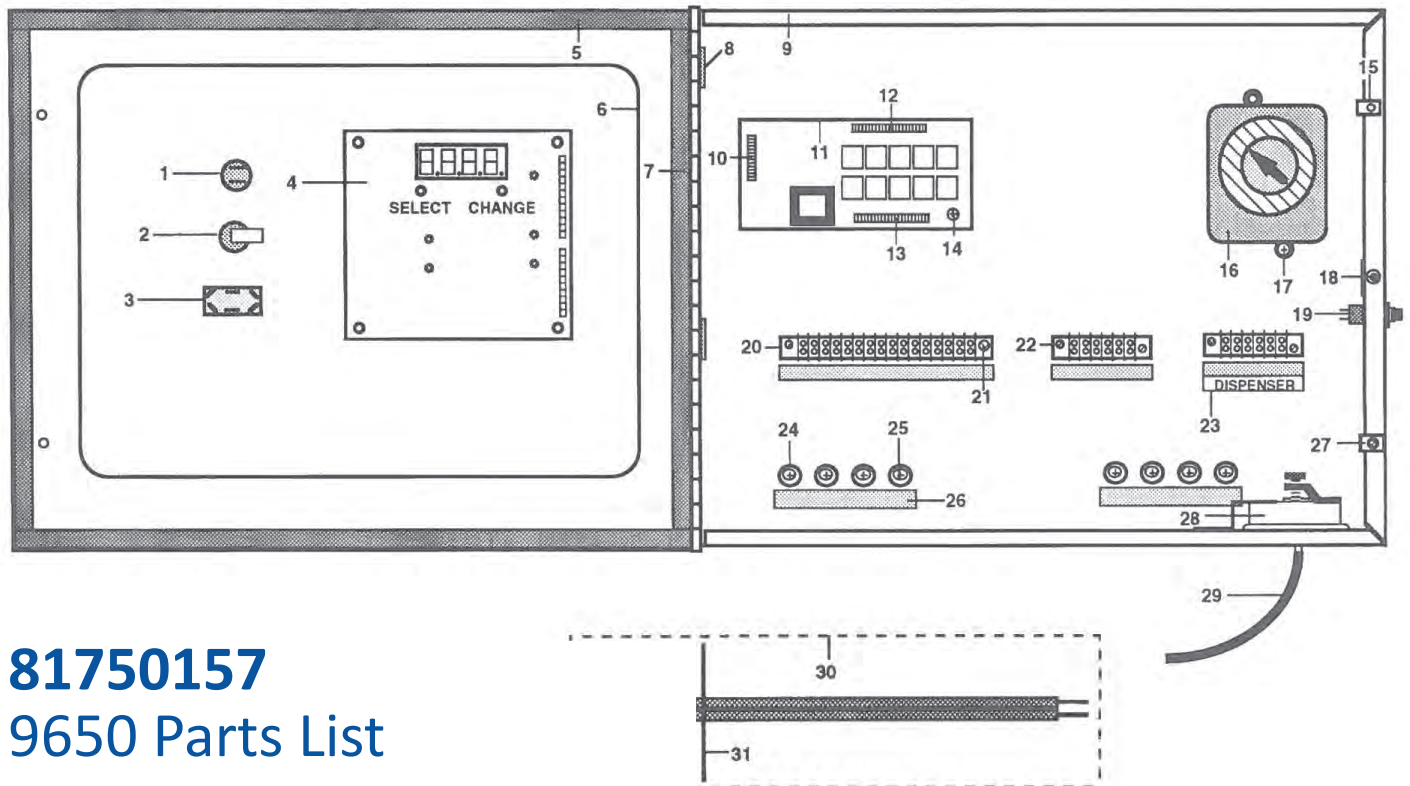


81750173

8950 Parts List

ITEM	DESCRIPTION	PART #
1	ON AND FAIL LAMP	
2	FUSEHOLDER	
3	TOGGLE SWITCH	81750078
4	TIMER KNOB	81750195
5	DIAL INDICATOR	81750255
6	SS SCREW - 10-24	
7	FUSE - 115VAC - 2 AMP	
8	SPACER	
9	PRESSURE SWITCH	81750072
10	TERMINAL BLOCK - 6 POS.	
11	SS SCREW - 10-32	
12	RETENTION WASHER	
13	TERMINAL BLOCK - 16 POS.	
14	FAIL TIMER - 100 MINUTE	
15	SS SCREW - 8-32 X 1"	
16	TIMER BRACKET	
17	TIMER - 120V	81750108
	TIMER - 240V	81750256
18	24-HOUR CLOCK	81750175
19	SS CASE ASSEMBLY	
20	SHEET METAL NUT - 10-24	81750199
21	DOOR SWITCH	
	SS NUT - 6-32 (NOT SHOWN)	

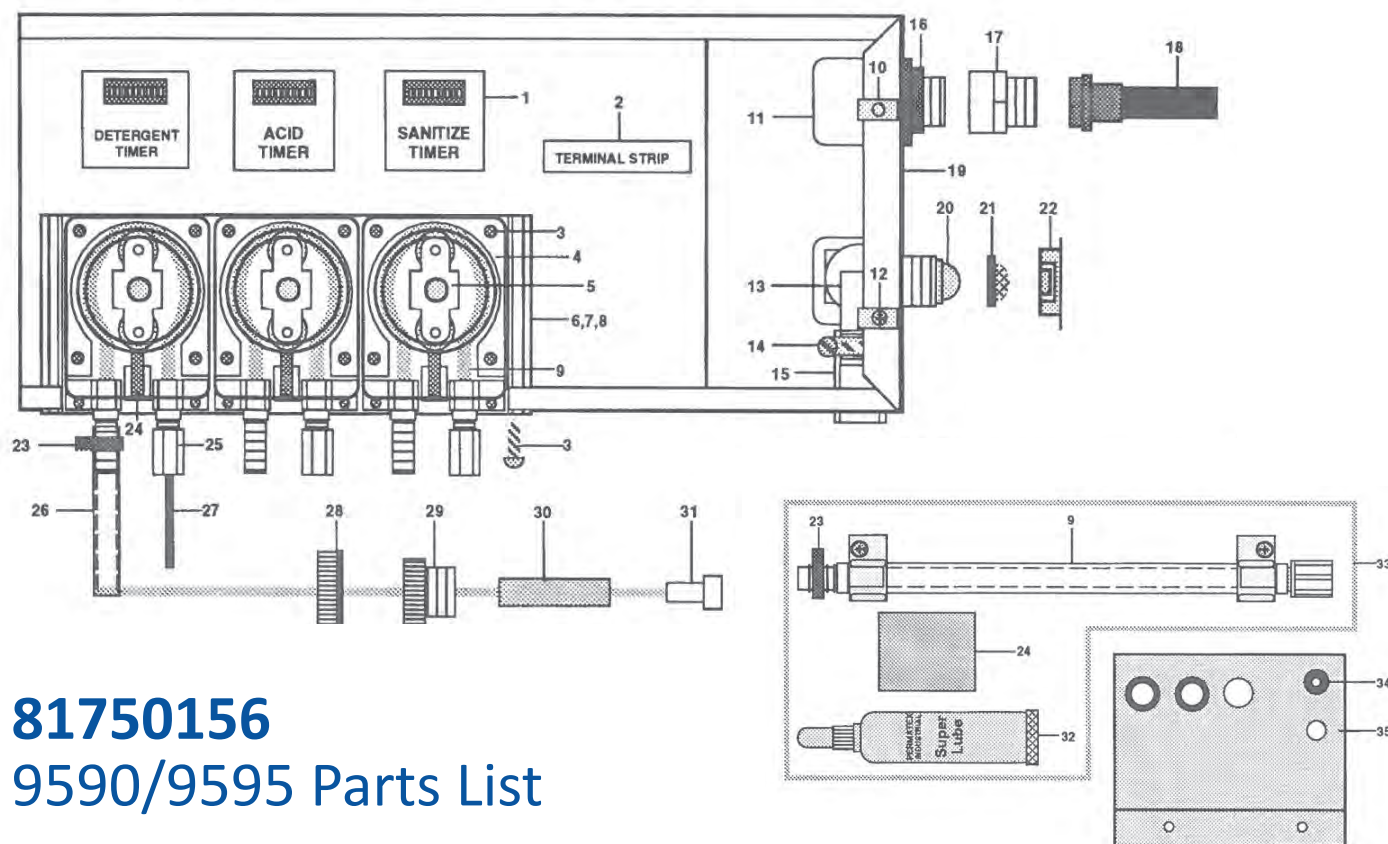
PARTS



81750157 9650 Parts List

ITEM	DESCRIPTION	PART #
1	STARTER SWITCH	
2	FUSE HOLDER	
	FUSE - 2 AMP - 125VAC - 3 AG	
3	MILK OFF WASH SWITCH	
4	SEQUENCE BOARD	81750228
5	COVER GASKET - 17" LONG	
6	COVER DECAL	
7	COVER GASKET - 12" LONG	
8	CABLE TIE PLATFORM	
9	CASE ASSEMBLY	
10	POWER HARNESS	81750280
11	POWER I/O BOARD	81750207
12	INTERFACE HARNESS	81750261
13	OUTPUT HARNESS	
14	SS SCREWS - 8 - 32 X 3/8" LONG	
	THREADED NYLON SPACER	
15	SS SHEET METAL CLIP NUT - 1--24	81750199
16	24-HOUR LOCK MECHANISM	81750175

ITEM	DESCRIPTION	PART #
17	SS SCREW - 6 - 32 X 3/8" LONG	
18	DOOR INTERLOCK SWITCH	
19	VP BYPASS SWITCH	
20	TERMINAL BOARD - 16 POS.	
	DECAL - 16 POS.	
21	SS SCREW - 8 - 32 X 12" LONG	
22	TERMINAL BOARD - 6 POS.	
	DECAL - 6 POS.	
23	DECAL - 6 POS. DISPENSER	
24	RETENTION WASHER	
25	SS SCREW - 10 - 32 X 3/8" LONG	
26	GROUND DECAL	
27	SS SEAL SCREW - 10 - 24 X 1/2" LONG	
28	PRESSURE SWITCH	81750072
29	PLASTIC TUBING - 3/16"ID X 1/16" WALL - 8-1/2" LG	
30	SENSOR ASSEMBLY	
31	ADHESIVE MOUNT	

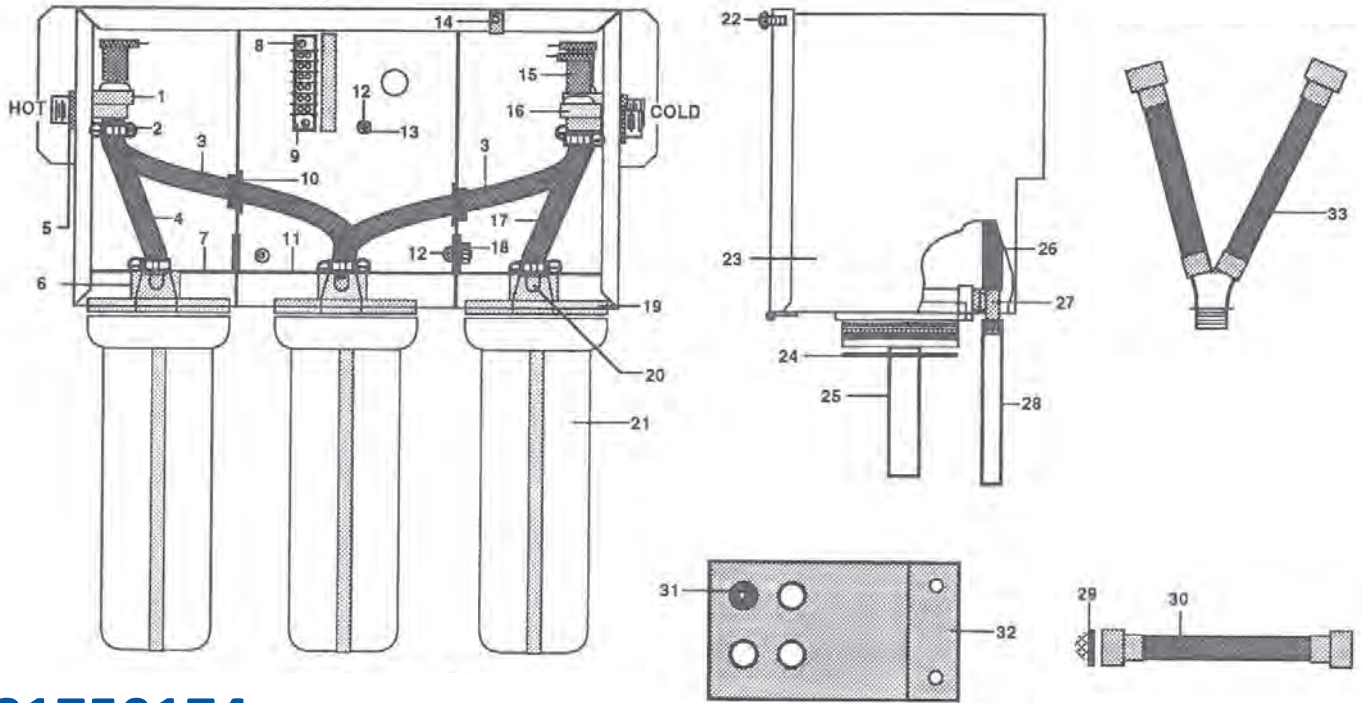


81750156 9590/9595 Parts List

ITEM	DESCRIPTION	PART #
1	ADJUSTABLE TIMER 1.0 - 1023 SECONDS	81750095
2	TERMINAL BLOCK	
3	SS HI/LOW SCREW #8 X 5/8"	
4	CLEAR FACE PLATE	
5	ROLLER ASSEMBLY	81750222
6	3 - PUMP MODULE (PERISTALTIC)	81750104
	3 - PUMP MODULE (PERISTALTIC 9590-A, 9595-A)	
7	PUMP HOUSING	
8	HI SPEED MOTOR - 120VAC, 120RPM	
	HI SPEED MOTOR-120VAC, 120RPM (9590-A, 9595-A)	81750352
9	SQUEEZE TUBE ASSY - 1/4"ID X 1/2"OD	81750105
10	SS SHEET METAL CLIP NUT 0 10-24	
11	WATER VALVE	
	WATER VALVE COIL	81510028
12	SS SEAL SCREW - 10-24 X 1/2"	
13	OUTLET ADAPTOR	
14	SS HOSE CLAMP - 3/4"	
15	PLASTIC TUBING - 3/4"ID X 1"OD - FT	
16	RUBBER GASKET	

ITEM	DESCRIPTION	PART #
17	INLET ADAPTER	81750362
18	PRESSURE HOSE	81710020
19	CASE ASSEMBLY	
20	SCREEN	81750263
21	HOSE GASKET W/SCREEN	81750050
22	HOSE PLUG - 1.093 - 1.125 DIAMETER	
23	PLASTIC CLAMP - 1/2"	
24	FELT PUMP PAD	
25	COMPRESSION NUT - 1/4"	
26	FLEX PLASTIC TUBING-5/16"ID X 7/16"OD - FT	81750357
27	RIGID PLASTIC TUBING-1/4"OD X .040 WALL - FT	81150031
28	BOTTLE CAP - GALLON CONTAINER	81750358
29	BOTTLE CAP - LARGE CONTAINER	81750359
30	CERAMIC WEIGHT	81750245
31	SCREEN	81750246
32	SYNTHETIC TEFLON GREASE - .5 OZ TUBE	
33	SQUEEZE TUBE REPL KIT - 1/4"ID X 1/2"OD TUBE	81750106
34	PRESSURE SWITCH BUSHING	81750096
35	INPUT PLATE	

PARTS



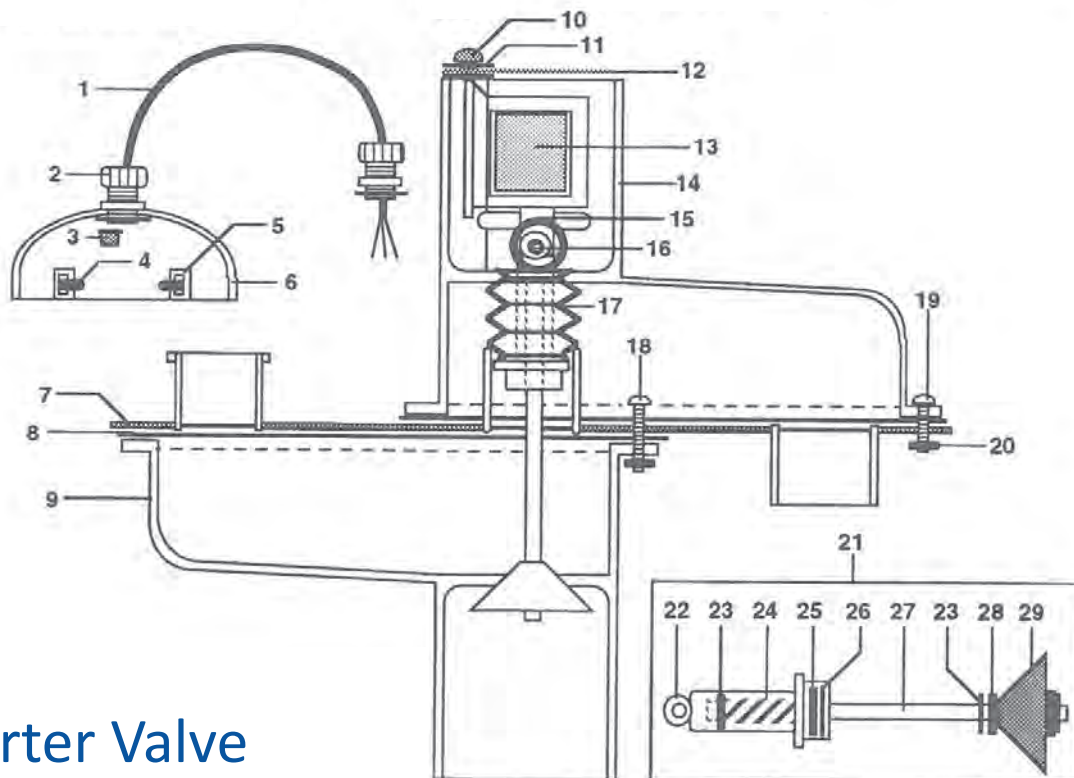
81750174

9740, 9740-240

Parts List

ITEM	DESCRIPTION	PART #
1	WATER VALVE - 120VAC	81750094
	WATER VALVE - 240 VAC	
2	SS HOSE CLAMP - 1/2"	
3	REINFORCED RUBBER TUBING - 1/2"ID X 12" LONG	
4	REINFORCED RUBBER TUBING - 1/2"ID X 6-1/2" LONG	
5	PLASTIC NUT - GREEN	
6	DETERGENT JAR TOP ASSEMBLY	81750088
7	MOUNTING BRACKET	
8	SS SCREW - PHILLIPS HEAD - 8-32 X 1/2" LONG	
9	TERMINAL BOARD - 6 POS.	
10	SNAP BUSHING (1-1/2" HOLE)	
11	MOUNTING BRACKET	
12	SS SCREW - PHILLIPS HEAD - 10-32 X 3/8" LONG	
13	RETENSION WASHER	
14	SHEET METAL CLIP NUT	81750199
15	COIL - 110 VAC	81510028
	COIL - 240 VAC	81750132
16	SINGLE WATER VALVE - 120VAC	81750071
	SINGLE WATER VALVE - 240VAC	81750214

ITEM	DESCRIPTION	PART #
17	REINFORCED RUBBER TUBING - 1/2"ID X 7-1/2" LONG	
18	SS HEX NUT - 10-32	
19	ACID OR SANITIZE JAR TOP ASSEMBLY	81750118
20	ELBOW - 3/8"NPT X 1/2" HOSE	90080610
21	DETERGENT, ACID AND SANITIZE JAR	81750089
22	SS SEAL SCREW-PHILLIPS PAN HEAD - 10-24 X 1/2" LG	
23	CASE ASSEMBLY	
24	DETERGENT, ACID AND SANITIZE JAR GASKET	81750087
25	PLASTIC TUBING - 3/4"ID X 1"OD - 7-1/2" LONG	
26	REINFORCED RUBBER TUBING - 1/2"ID X 6" LONG	
27	RUN T-CHECK VALVE ASSY-1/2" HOSE X 3/8"NPT X 1/2" HOSE	81750215
28	PLASTIC TUBING - 1/2"ID X 1/8" WALL - FT	
29	HOSE GASKET W/SCREEN	81750050
30	3/8" I.S. PRESSURE HOSE - 4' LONG	81710020
31	PRESSURE SWITCH BUSHING	81750096
32	INPUT PLATE	
33	MIX "Y" HOSE	
	WATER VALVE REPAIR KIT (NOT SHOWN)	81750081

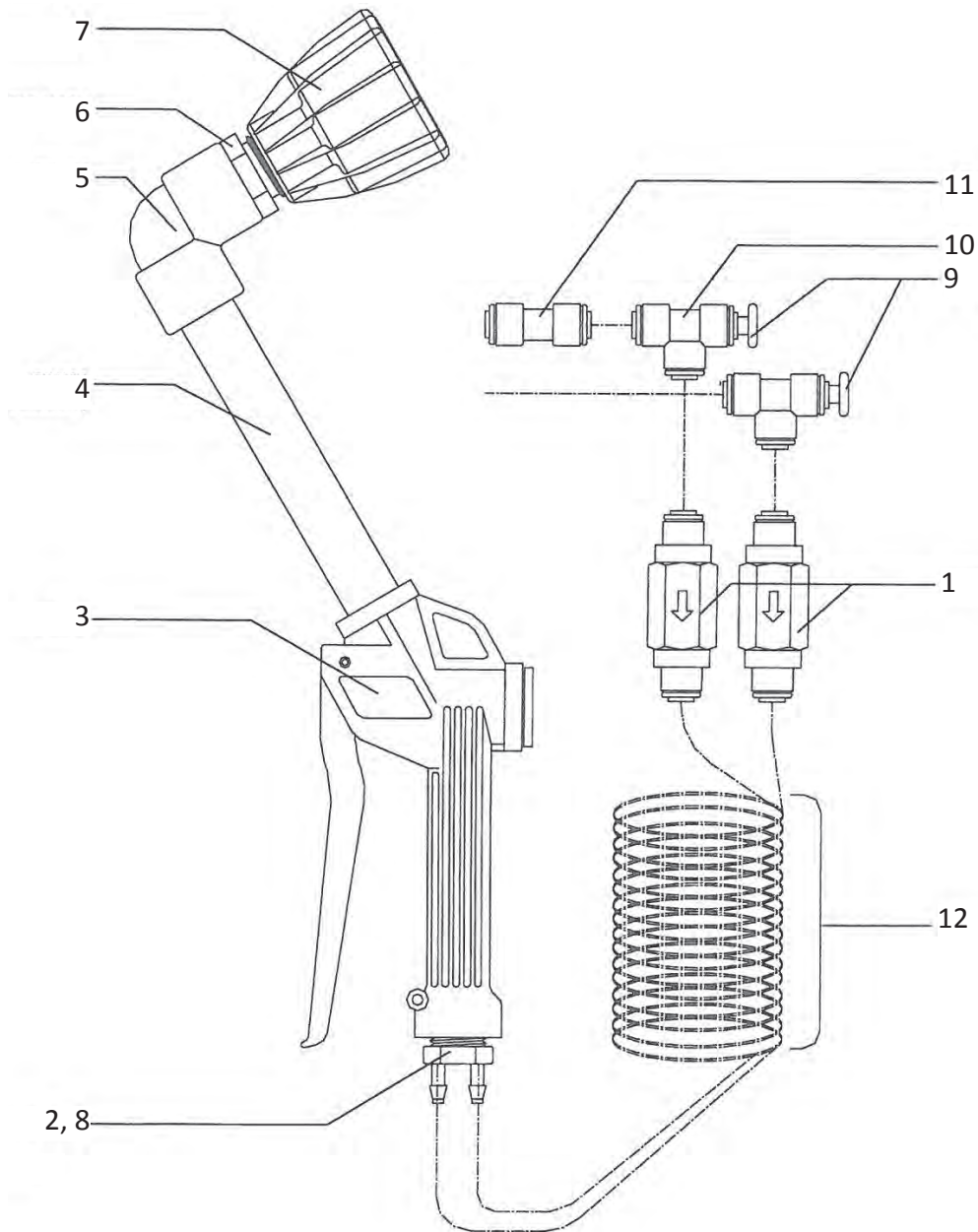


81750080 7540 Diverter Valve Parts List

ITEM	DESCRIPTION	PART #
1	CABLE	
2	WATERTITE CONNECTION (2 REQUIRED)	
3	HOLE PLUG	
4	SCREW - 10-24 X 5/8" (3 REQUIRED)	
5	SPEED NUT (3 REQUIRED)	
6	COVER	81750054
7	PLATE ASSEMBLY	
8	GASKET (2 REQUIRED)	81750053
9	LOWER HOUSING	81750061
10	HI/LOW SCREW #10 X 5/8" (2 REQUIRED)	
11	WASHER #10 X 1/2" (4 REQUIRED)	
12	HEAT SHIELD	
13	SOLENOID 120VAC - 50-60HZ	81750073
	SOLENOID 240VAC - 60HZ	81750074
	SOLENOID 240VAC - 50HZ	
14	UPPER HOUSING	81750052
15	HOLE PLUG (2 REQUIRED)	
16	COTTER PIN - 1/8" X 1-1/4"	

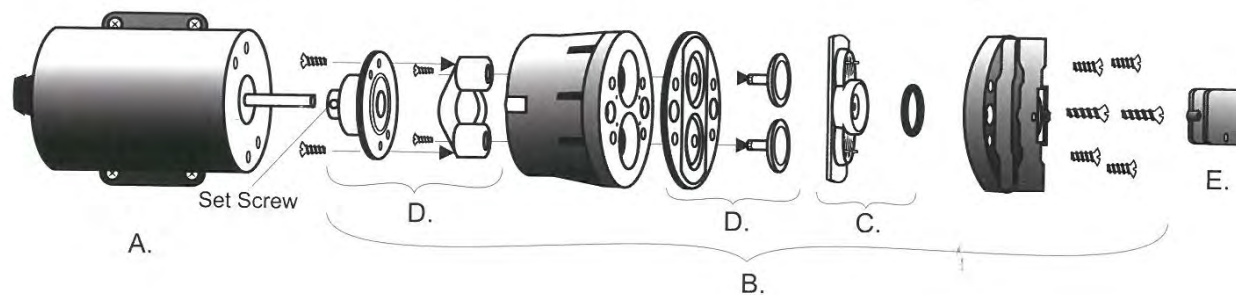
ITEM	DESCRIPTION	PART #
17	BELLOWS	81750114
18	SCREW - 10-32 X 3/4" (11 REQUIRED)	
19	SCREW - 10-32 X 1/2" (8 REQUIRED)	
20	NUT - 10-32 (19 REQUIRED)	
21	STOPPER ROD ASSEMBLY	81750060
22	BUSHING	81750055
23	EXT. RETAINING RING (3 REQUIRED)	
24	SPRING	
25	SPACER WASHER	81750056
26	INT. RETAINING RING	81750057
27	STOPPER ROD	
28	WASHER (2 REQUIRED)	
29	STOPPER PLUG	81650060
30	SCREW - 6-32 (NOT SHOWN)	
31	NUT - 6-32 (NOT SHOWN)	
32	METAL SCREW #10 X 3/4" (3 REQUIRED, NOT SHOWN)	
33	PLASTIC CLAMP (3 REQUIRED, NOT SHOWN)	

Foamer Gun - Foam-It



- 1) 81330065 Check Valve-1/4"
- 1) 81700062 Check Valve-HD Viton
- 2) 81700068 Manifold-plastic-NLA
- 3) 81700074 Trigger assembly
- 4) 81700075 Outlet tube
- 5) 81700066 Elbow
- 6) 81700059 Adapter
- 7) 81700065 Cup-molded w/adapter
- 8) 81700069 Manifold-SS
- 9) 81330017 Plug-1/4"

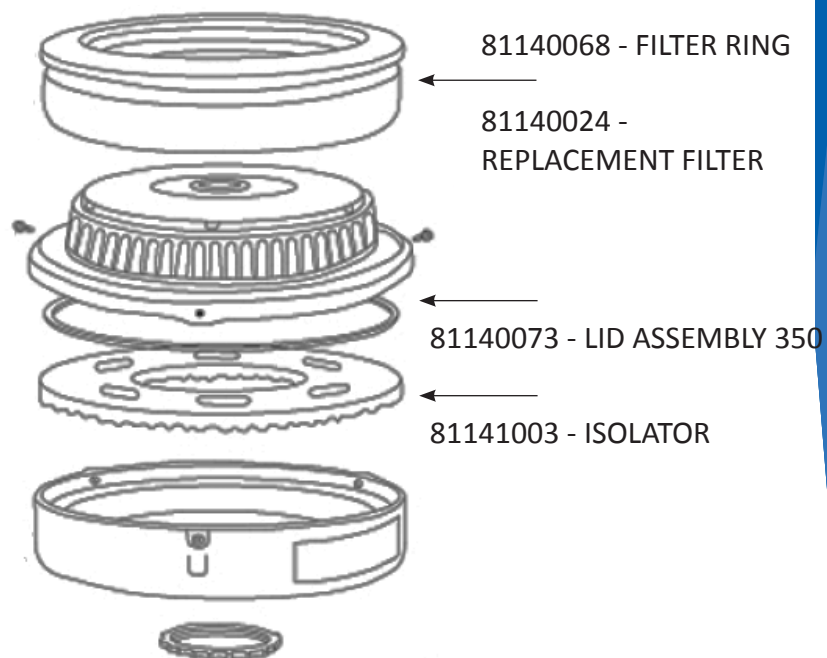
- 10) 81700209 Tee-1/4"
- 11) 81700193 Union-1/4"
- 12) 81700063 Twin coil-12'
- 12) 81700064 Twin coil-25'
- NS 81700100 Packing
- 81700130 Gun assembly
- 81700129 Drop assembly
(Includes: gun, twin coil,
check valves, tees and plugs)



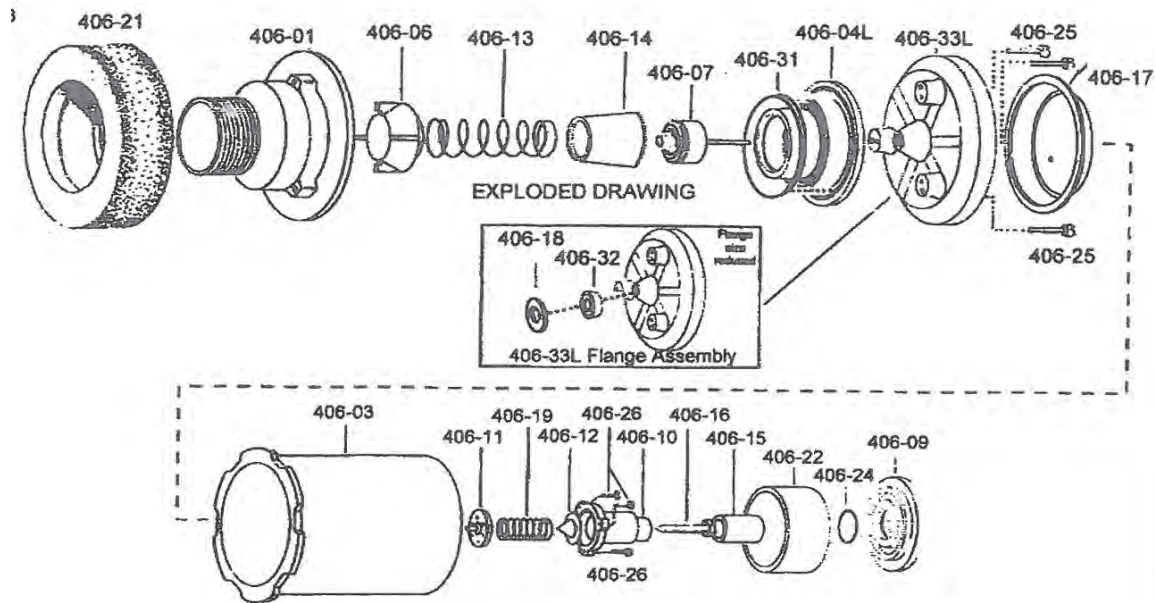
81700170 SprayMATE Pump & Motor

ITEM	PART NUMBER	DESCRIPTION
	81700170	Compleat pump and motor
A	81700188	Motor
B	n/a	Pump assembly
C	81700186	Check valve
D	81700187	Cam bearing/diaphragm kit
E	81700185	Pressure switch

Sentinel Peacekeeper Replacement Parts

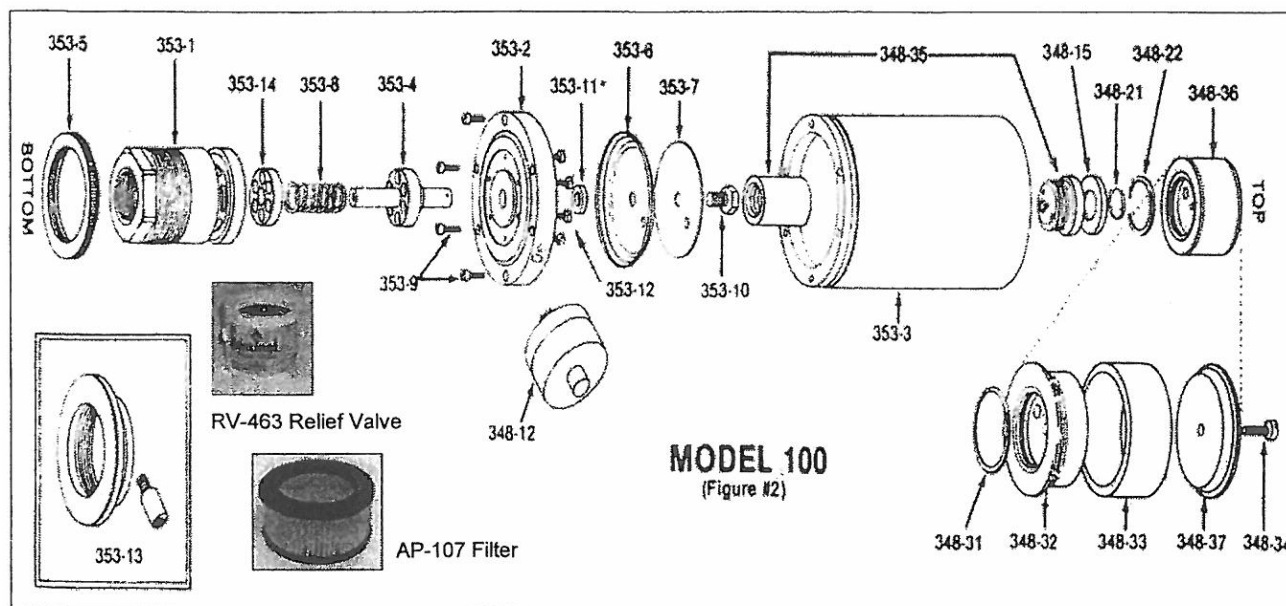


81140000 Vacuum Controller - Sentinel MKII



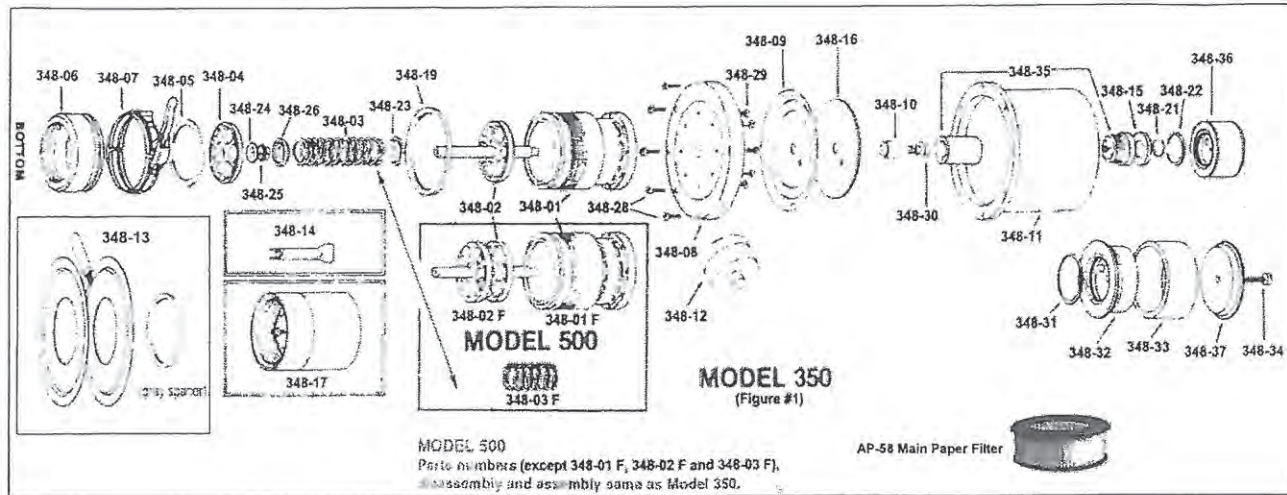
81140037	406-01	OUTLET BODY - MARK II SENTINEL
81140017	406-03	DOMES - MARK II SENTINEL
81140029	406-04L	FLOW RING - MARK II SENTINEL
81140041	406-06	PLUG - MARK II SENTINEL
81140045	406-07	POPPET/PUSH PIN ASSMB-MARK II
81140007	406-09	CAP-FILTER-MARK II SENTINEL
81140031	406-10	HOUSING-ADJUSTER-MARK II SENTINEL
81140013	406-11	DIAPHRAGM-DOME REGULATOR-MARK
81140065	406-12	WOBBLE PLATE-MARK II SENTINEL
81140009	406-13	CLOSING SPRING-MARK II SENTINEL
81140048	406-14	ROLLING SEAL-MARK II SENTINEL
81140034	406-15	KNOB-ADJUSTING-MARK II SENTINEL
81140050	406-16	SCREW-ADJUSTING-MARK II SENTINEL
81140011	406-17	DIAPHRAGM ASSEMBLY-MARK II SENTINEL
81140064	406-18*	WASHER-RETAINING-MARK II SENTINEL
81140057	406-19	SPRING-ADJUSTING-MARK II SENTINEL
81140021	406-21	FILTER-FOAM-AIR-MARK II SENTINEL
81140026	406-22	FILTER-TOP DOME-MARK II SENTINEL
81140035	406-24	O RING - MARK II SENTINEL
81140051	406-25	SCREW-FLANGE-MARK II SENTINEL
81140049	406-26	SCREW-ADJUSTER HOUSING-MARK II
81140053	406-31	SEAL-OUTLET-MARK II SENTINEL
81140054	406-32*	SEAL - ROD - MARK II SENTINEL
81140028	406-33L	FLANGE ASSEMBLY-MARK II SENTINEL
81140033	406-100	KIT-REBUILD-MARK II SENTINEL
		*INCLUDED IN FLANGE ASSEMBLY

81140001 Vacuum Controller - Sentinel 100



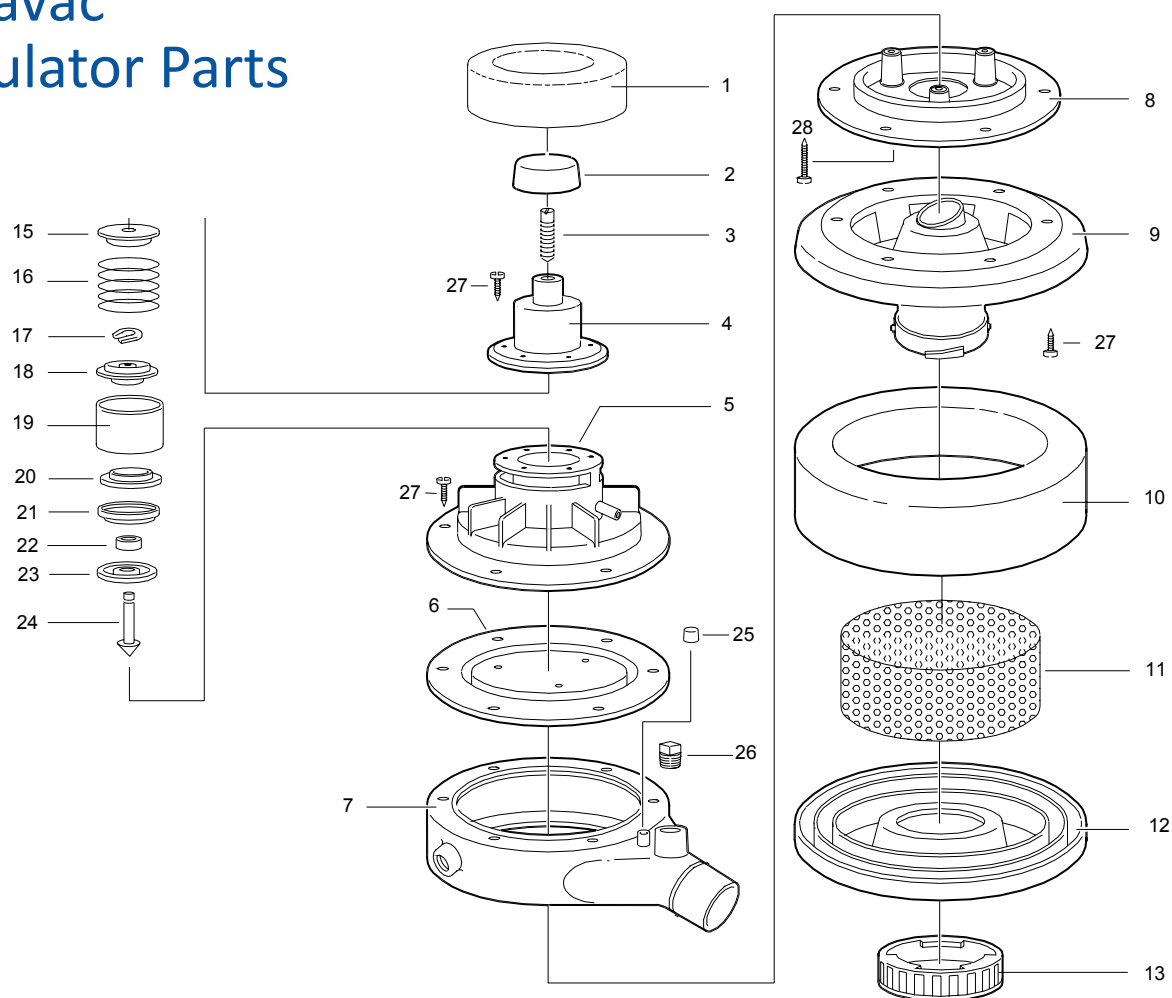
81140066	348-14	WRENCH-SS ADJUSTING-MOD 350/50
81140027	348-15	FILTER-TOP FELT-MODEL 350/500
81140055	348-21	SNAP RING-LARGE TOP-MOD 350/50
81140056	348-22	SNAP RING-SMALL TOP-MOD 350/50
81140052	348-29	SCREWS (8-32 X 5/8)-FLANGE-MOD
81140036	348-31	O RING-TOP DOME FILTER-MOD 350
81140019	348-33	FILTER-DOME- W/FELT-MOD 350/50
81140025	348-36	FILTER-TOP DOME-CMPLT-MOD 350/
81140042	353-4	POPPET ASSMB-MODEL 100 SENTINE
81140014	353-6	DIAPHRAGM - MODEL 100 SENTINEL
81140022	AP-107	FILTER-AIR-MODEL 100 SENTINEL

8114000-81140003 Vacuum Controller - Sentinel 350-500



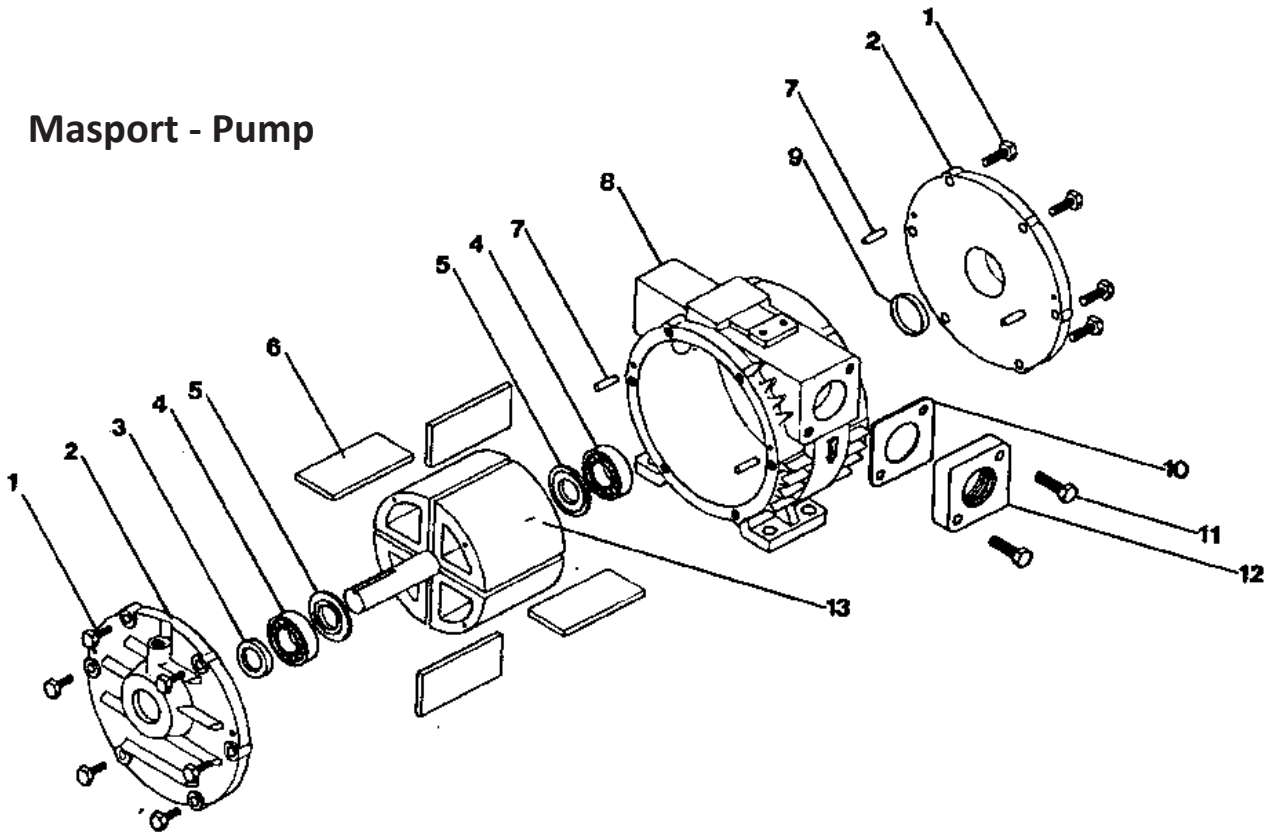
81140006	348-01	BODY - MODEL 350 - SENTINEL
81140043	348-02	POPPET ASSEMBLY - MODEL 350 - SENTINEL
81140044	348-02F	POPPET ASSEMBLY - MODEL 500 - SENTINEL
81140059	348-03	SPRING - MODEL 100 - SENTINEL
81140060	348-03F	SPRING - MODEL 500 - SENTINEL
81140032	348-06	INLET ADAPTER - MODEL 350/500 SE
81140008	348-07	CLAMP - QUICK DISCONNECT - MODEL 350
81140012	348-09	DIAPHRAGM ASSEMBLY - MODEL 350/500 SE
81140078	348-10	DIAPHRAGM RETAINER
81140018	348-11	DOME - MODEL 350/500 - SENTINEL
81140066	348-14	WRENCH - SS ADJUSTING - MODEL 350/500
81140027	348-15	FILTER - TOP FELT - MODEL 350/500
81140047	348-19	RING - FILTER RETAINING - MODEL 350/500
81140055	348-21	SNAP RING - LARGE TOP - MODEL 350/500
81140056	348-22	SNAP RING - SMALL TOP - MODEL 350/500
81140030	348-23	GUIDE - SPRING - MODEL 350/500 SENTINEL
81140010	348-24	DAMPING COLLAR - MODEL 350/500 SENTINEL
81140058	348-25	SPRING - DAMPING COLLAR - MODEL 350/500
81140046	348-26	RETAINER - DAMPING COLLAR - MODEL 350/500
81140052	348-28	SCREWS (8-32 X 5/8") - FLANGE - MODEL 350/500
81140077	348-29	SCREWS (10-32 X 5/8") - FLANGE - MODEL 350/500
81140036	348-31	O RING - TOP DOME FILTER - MODEL 350/500
81140019	348-33	FILTER - DOME -W/FELT - MODEL 350/500
81140004	348-35	ANEROID ASSEMBLY COMPLETE - MODEL 350/500
81140025	348-36	FILTER - TOP DOME - COMPLETE - MODEL 350/500
81140023	AP-58	FILTER - AIR MODEL 350 - SENTINEL
81140069	NS	PRE-FILTER - MODEL 350/500 SENTINEL

Supavac Regulator Parts



No.	Part No.	Description	No.	Part No.	Description
1	37140500	Sponge Filter - Pilot	13	37140218	Filter Retaining Ring
2	37174502	Cap	14	37140503	O-ring - Pilot Body
3	37140601	Grub Screw - M6 x 25 S/S	15	37140210	Pilot Spring Follower
4	37140222	Body - Pilot	16	37140700	Pilot Spring
5	37140102	Body - Lower Pilot	17	37140208	Circlip
6	37140226	Diaphragm - Upper	18	37140209	Pilot Spring Seat
7	37140111	Body with Bolts	19	37140201	Sleeve
	37140107	Body - 38 mm Sleeve	20	37140224	Diaphragm - Upper Pilot
	37140105	Body - 1½" BSP	21	37140202	Spacer - 1st
	37140109	Body - 1½" NPT	22	37140212	Spacer - 2nd
	37140108	Body - 1" BSP	23	37140225	Diaphragm - Lower Pilot
8	37140227	Diaphragm - Lower	24	37140206	Pilot Valve
9	37140101	Filter Housing - Centre	25	37140513	Cap - Nipple
10	37140521	Sponge Filter - Main	26	37140506	Plug - 3/8" BSP Plastic
11	37140528	Strip - Alloy	27	37140606	Screw - 6g x 5/8" S/S
12	37140221	Cover - Lower Filter Housing	28	37140600	Screw - 6g x 1 ¼" S/S

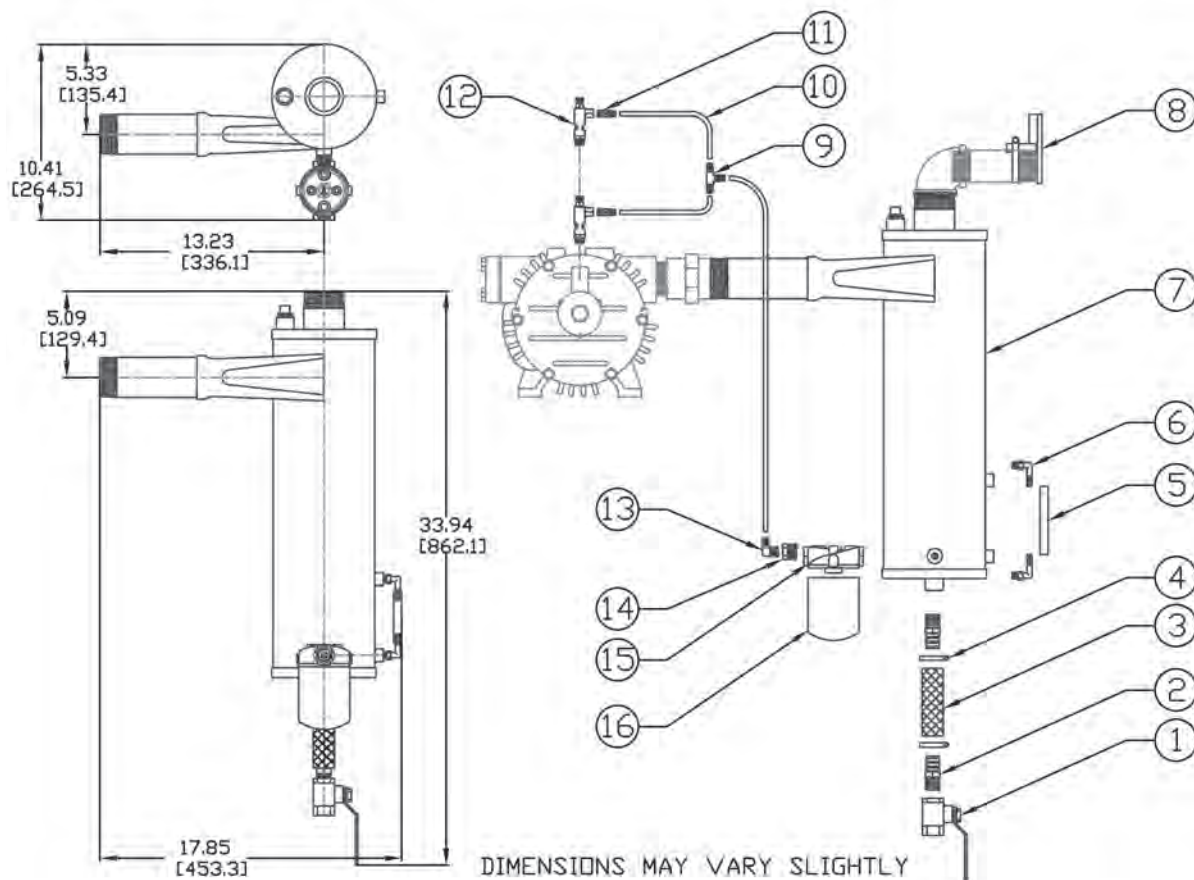
Masport - Pump



ITEM	DESCRIPTION	M1	M2	M3	M4	M5	M7.5	M15
1	END COVER BOLT							
2	END COVER					81100116	81100116	
3	OIL SEAL		81100053	81100053		81100054	81100054	81100052
4	BEARING		81100037	81100037		81100034	81100034	81100036
5	BEARING SPACER		81100132	81100132		81100034	81100034	
6	VANES (4PACK)		81100111	81100027	81100028	81100029	81100030	81100026
7	DOWEL PIN					81100048	81100048	81100048
	CYLINDER							
8	END COVER PLUG (42 mm OD)					81100049	81100049	
9	END COVER PLUG (40 mm OD)							
10	FLANGE GASKET				81100045	81100045	81100045	
11	FLANGE BOLT				81100048	81100048	81100048	
12	FLANGE				81100040	81100040	81100040	
13	ROTOR ASSEMBLY (INCLUDES 4 & 5)							
14	END COVER GASKET (PINK/BLEU .002")					81100042	81100042	81100042
14	END COVER GASKET (YELLOW/GREEN .003")			81100043		81100044	81100044	81100044
15	SHAFT CAP - NOT SHOWN		81100109	81100109	81100110	81100110	81100110	
16	SHAFT CAP BOLT - NOT SHOWN							
17	END COVER "O" RING (M4 ONLY) - NOT SHOWN							

Masport - Oil Reclaimer

INLET AND OUTLET ARE 2" TAPER NPT

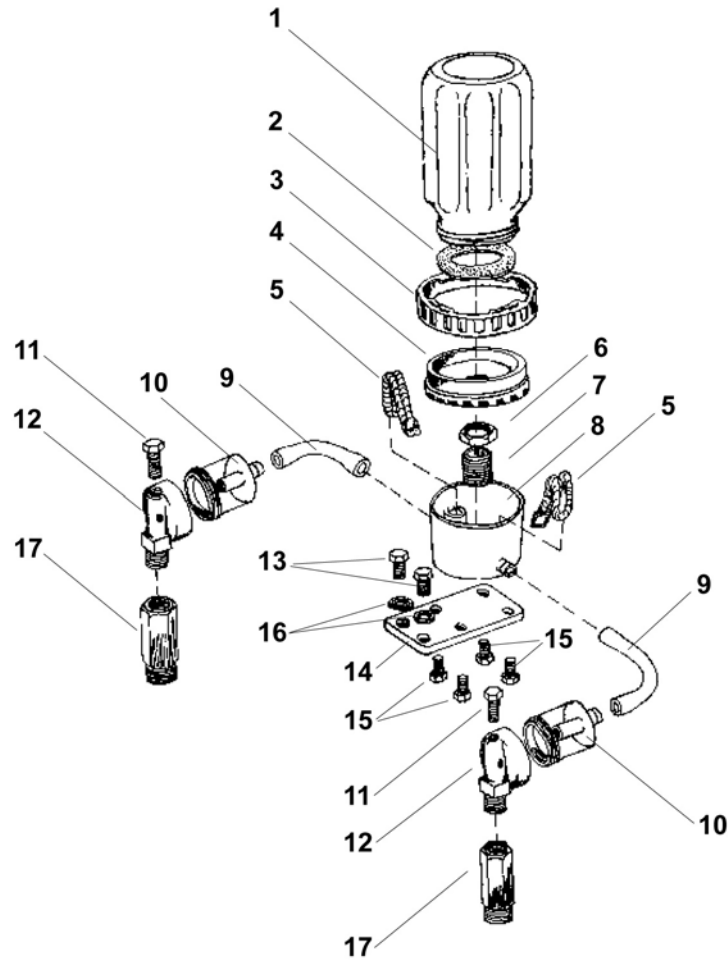


item #	description	WMS part #
1	Ball Valve	
2	Barbed Fitting 1/2" NPT X 3/4" Hose	
3	3/4" Braided Tubing - 4"	
4	#12 Hose Clamp	
5	1/2" Vinyl Tubing	
6	Elbow - 1/8" NPT X 1/4" Hose	
7	Body	
8	Exhaust Flapper Assembly	81150038
9	Tee - 1/4" Union	81150021
10	Tubing - 1/4" Poly	81150031
11	Adapter - 1/8" NPT X 1/4" Tubing	81150005
12	Adjustable Dripper Assembly	81150002
13	Elbow - 1/4" NPT X 1/4" Tubing	81150012
14	Bushing - 1/2" NPT X 1/4" NPT	
15	Filter Head	OBSOLETE
16	Oil Filter	81150014
NS	Sleeve - Compression - 1/4" Tubing	OBSOLETE

No Replacement Available

No Replacement Available

Masport - Oiler



item #	description	M1	M2	M3	M5	M7.5	M15
1	Oil Bottle	81150010	81150010	81150010	81150010	81150010	8110010
2	Gasket						
3	lock ring						
4	Bottle Cap						
5	Wick	81150022	81150022	81150022	81150023	81150023	81150023
6	Lock Nut						
7	Spout						
8	Bowl	81150009	81150009	81150009	81150009	81150009	81150009
9	Oil Tube						
10	Sight Glass	81150003	81150003	81150003	81150003	81150003	81150003
11	Screw						
12	Flow Meter Base	81150008	81150008	81150008	81150008	81150008	81150008
13	Bolt						
14	Mounting Plate						
15	Screw						
16	Lockwasher						
17	Adapter	81150007	81150007	81150007	81150007	81150007	81150007

70066 FREEDOM DETACHER w/VACUUM CYLINDER

COMPONENTS INCLUDE:

1. 90031021 - 3" OD HIGH DENSITY PLASTIC VACUUM RETRACT CYLINDER
2. 90028940 - VACUUM CYLINDER PISTON SEAL
3. 90036001 - DVC 1000 TOP COVER
4. 90030003 - BOTTOM CAP COLLAR
5. 90030002 - BOTTOM PRONG CAP
6. 37074755 - CYLINDER ROPE (NOT PICTURED)
7. 90030500 - BALL FOR DETACHER ROPE



70061 SPARE PARTS

Since these parts are for older units, we may not always have them in stock and lead times can be up to a month or more. Also, parts may become obsolete without notice. Legacy parts can not be returned because they are special ordered.

90030406 - GREY 2" CYLINDER COMPLETE

90030412 - CAP GUARD

90030403 - GREY CYLINDER TUBE ONLY

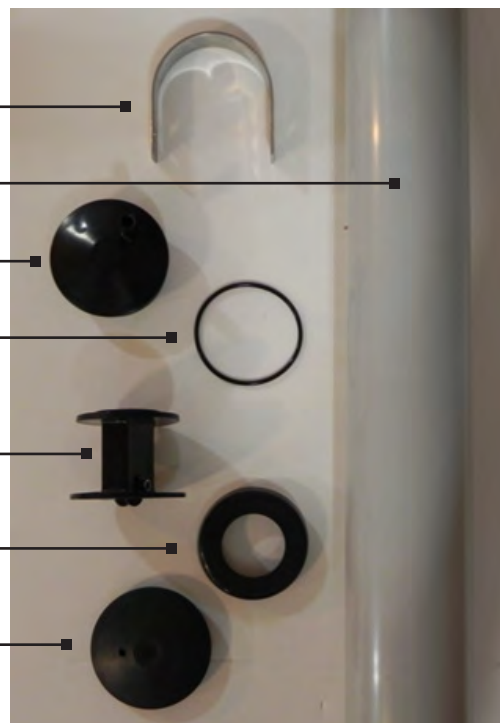
90030410 - CYLINDER CAP

90030411 - TOP O-RING

90030409 - PISTON BODY w/PULLEY

90030408 - PISTON SEAL

90030415 - OBSOLETE-No Replacement Available



TEATWANT SUPPLY / SPARE PARTS
TEATWANT SUPPLY / SPARE PARTS

TEATWANT SUPPLY / SPARE PARTS

TEATWANT SUPPLY / SPARE PARTS

TEATWAND SUPPLY / SPARE PARTS

Brackets

Image	On Farm #	Product Name	Dairy Source #
	BR020	5/8" SS Round Bar	SPECIAL ORDER
	BR026	Controller Ubolt	SPECIAL ORDER
	BR029	Cow Position Cover/Bracket	SPECIAL ORDER
	BR024	Eye Nut M10 SS	81780555
	BR010	Male Single Swivel	SPECIAL ORDER
	BR028	Pipe Hanger for TWEX500	SPECIAL ORDER
	BR054	Pole Ubolt (4 inch pipe)	SPECIAL ORDER
	BR025/1	Rear Hose Guide for TWEX	SPECIAL ORDER

TEATWAND SUPPLY / SPARE PARTS

Brackets

Image	On Farm #	Product Name	Dairy Source #
	BR020	5/8" SS Round Bar	SPECIAL ORDER
	BR026	Controller Ubolt	SPECIAL ORDER
	BR029	Cow Position Cover/Bracket	SPECIAL ORDER
	BR024	Eye Nut M10 SS	81780555
	BR010	Male Single Swivel	SPECIAL ORDER
	BR028	Pipe Hanger for TWEX500	SPECIAL ORDER
	BR054	Pole Ubolt (4 inch pipe)	SPECIAL ORDER
	BR025/1	Rear Hose Guide for TWEX	SPECIAL ORDER

TEATWAND SUPPLY / SPARE PARTS

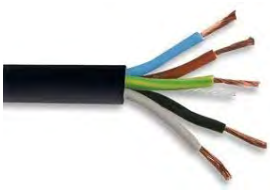
Image	On Farm #	Product Name	Dairy Source #
	BR005	Sensor Rod 1/2" SS	SPECIAL ORDER
	TWSENBRESS	Teatwand Sensor Bracket Assembly	SPECIAL ORDER
	BR007	TW Bail Sensor Mount Small	81780608
	BR001	TW Control Slide Bracket	SPECIAL ORDER
	BR002	TW Controller Bracket Arm	SPECIAL ORDER
	BR006	TW Cow Sensor Mount	SPECIAL ORDER
	BR007/2	TW Double Bail Sensor Mount	81780610
	BR007/1	TW Sensor Mount 8.5mm Hole	SPECIAL ORDER

TEATWAND SUPPLY / SPARE PARTS

Cable

Image	On Farm #	Product Name	Dairy Source #
	C004	10m Lead with M12 Plug	SPECIAL ORDER
	C036	1m Lead with M12 Plug Female	81780591
	C001	5m Lead with M12 Plug Female	SPECIAL ORDER
	C005	8 Way Distribution Box with 20m Cable	81780561
	C009	Analog Sensor Cable 20m	81780558
	C021	Analog Sensor Cable 30m	SPECIAL ORDER
	C008	Double Spray Solenoid Plug	81780568
	C007	Extend Sol Cable EX500	SPECIAL ORDER

TEATWAND SUPPLY / SPARE PARTS

Image	On Farm #	Product Name	Dairy Source #
	C013	M12 Female Plug Chassis Mount	SPECIAL ORDER
	C012	M12 male to M12 Female Shielded 5m	SPECIAL ORDER
	C023	M12 T Coupler	SPECIAL ORDER
	C020	Multicore Cable 0.75	SPECIAL ORDER
	C011	Sensor Cable 20m M12 Male - M12 Female	81780560
	C010	Sensor cable 5m Male-Female M12	81780599
	C022	Sensor Cable 600mm Male M12- Female M12	81780565
	C026	Single Solenoid Plug	81780597

TEATWAND SUPPLY / SPARE PARTS

Image	On Farm #	Product Name	Dairy Source #
	C006	Y Cable M12 to 2 x M12 Plugs 3m	81780557

TEATWAND SUPPLY / SPARE PARTS

Controls

Image	On Farm #	Product Name	Dairy Source #
	S006	Cow Position Sensor	81780535
	S010	Cow Position Sensor (Calibrated for Stepmover)	81780569
	S009	Cow Sensor (Small)	81780534
	S004	Cup Sensor Ultrasonic	SPECIAL ORDER
	CON067	Flow meter - (Type 8031)	SPECIAL ORDER
	CON057	Fuse Glass 315mA Slow Blow	SPECIAL ORDER
	S002	Teatwand Bail Sensor	81780533
	CONEX001	Teatwand EX500 Controller USA	81780587

TEATWAND SUPPLY / SPARE PARTS

Image	On Farm #	Product Name	Dairy Source #
	PSU001	Teatwand Power Supply	SPECIAL ORDER
	TWCONASS_WMS	Teatwand Stepper Controller Assembly (Waikato ng Systems)	81780589

TEATWAND SUPPLY / SPARE PARTS

Fixings

Image	On Farm #	Product Name	Dairy Source #
	FIX053	3/16 x 3/4 Light Flat Washer SS	SPECIAL ORDER
	FIX100	6x20 Cup Head Bolt 316 Stainless	SPECIAL ORDER
	FIX022	Button Head Cap Screw 6x10 304 SS	SPECIAL ORDER
	FIX047	Button Head Cap Screw 6x16 304 SS	81780580
	FIX094	Button Head Cap Screw M6x12 304 SS	SPECIAL ORDER
	FIX106	Button Head Cap Screw M8x16 304 S/S	81780593
	FIX002	Cap Screw 4x16 304 SS	SPECIAL ORDER
	FIX017	Cap Screw 4x25 304 SS	SPECIAL ORDER

TEATWAND SUPPLY / SPARE PARTS

Image	On Farm #	Product Name	Dairy Source #
	FIX025	Cap Screw 4x30 304 SS	81780546
	FIX097	Cap Screw 4x40 304 SS	SPECIAL ORDER
	FIX048	Cap Screw 4x45 304 SS	SPECIAL ORDER
	FIX004	Cap Screw 5x10 304 SS	SPECIAL ORDER
	FIX019	Cap Screw 5x12 304 SS	SPECIAL ORDER
	FIX020	Cap Screw 5x16 304 SS	SPECIAL ORDER
	FIX024	Cap Screw 5x20 304 SS	SPECIAL ORDER
	FIX005	Cap Screw 5x35 304 SS	SPECIAL ORDER

TEATWAND SUPPLY / SPARE PARTS

Image	On Farm #	Product Name	Dairy Source #
	FIX021	Cap Screw 6x10 304 SS	81780547
	FIX007	Cap Screw 6x12 304 SS	81780539
	FIX008	Cap Screw 6x16 304 SS	81780540
	FIX009	Cap Screw 6x20 304 SS	81780541
	FIX010	Cap Screw 6x60 304 SS	81780542
	FIX013	Cap Screw 8x20 304 SS	81780543
	FIX014	Cap Screw 8x30 304 SS	SPECIAL ORDER
	FIX091	Cap Screw M4x8 S/S	81780594

TEATWAND SUPPLY / SPARE PARTS

Image	On Farm #	Product Name	Dairy Source #
	FIX012	Flat Washer 1/4 SS	SPECIAL ORDER
	FIX001	Grub Screw 6x8 304 SS	SPECIAL ORDER
	FIX034	Grub Screw 8x10 304 SS	81780548
	FIX018	Grub Screw 8x16 304 SS	81780545
	FIX082	M10 Nyloc Nut SS	81780579
	Fix062	M10 S/S Nut for 4" U Bolt	SPECIAL ORDER
	Fix063	M10 Spring Washer for 4" U Bolt	SPECIAL ORDER
	FIX071	M10 Washer Flat SS	81780578

TEATWAND SUPPLY / SPARE PARTS

Image	On Farm #	Product Name	Dairy Source #
	FIX108	M10 x 16 Button Head Cap Screw SS	81780577
	FIX107	M10 x 20 Button Head Cap Screw SS	81780576
	FIX104	M3 x 25 Cap Screw S/S	SPECIAL ORDER
	Fix066	M3 x 50 SS Cap Screw	SPECIAL ORDER
	FIX016	M3 x 6 CSK Socket Screw	SPECIAL ORDER
	Fix075	M4x10 Cap Screw S/S	SPECIAL ORDER
	Fix076	M5x8 Cap Screw S/S	SPECIAL ORDER
	FIX073	M6 Washer Flat SS	SPECIAL ORDER

TEATWAND SUPPLY / SPARE PARTS

Image	On Farm #	Product Name	Dairy Source #
	FIX095	M6 x 16 Cup Head Square Neck Bolts SS	SPECIAL ORDER
	FIX055	M6 x 35 cap screw	SPECIAL ORDER
	FIX087	M6X25 Cap Screw S/S	SPECIAL ORDER
	FIX072	M8 Washer Flat SS	SPECIAL ORDER
	Fix050	M8 x 20 Button Hd	SPECIAL ORDER
	Fix037	M8 x 40 Button Hd SS	SPECIAL ORDER
	Fix065	M8x12 Cap Screw SS	SPECIAL ORDER
	FIX096	M8x16 Cap Screw SS	SPECIAL ORDER

TEATWAND SUPPLY / SPARE PARTS

Image	On Farm #	Product Name	Dairy Source #
	FIX045	Nut 5/16 SS	SPECIAL ORDER
	FIX103	Nyloc Nut M3 S/S	SPECIAL ORDER
	FIX003	Nyloc Nut M4 SS	SPECIAL ORDER
	FIX006	Nyloc Nut M5 SS	SPECIAL ORDER
	FIX011	Nyloc Nut M6 SS	SPECIAL ORDER
	FIX015	Nyloc Nut M8 SS	81780544
	FIX042	Penny Washer 8mm	81780549
	FIX044	Spring Washer M8 SS	SPECIAL ORDER

TEATWAND SUPPLY / SPARE PARTS

Fluid

Image	On Farm #	Product Name	Dairy Source #
	FF035/SS	1/2 to 1/4 Reducer Stainless Steel	81780552
	FF044	1/2" NPT Snap in Fitting	81780553
	FF031/2	3 part nozzle - size 2	SPECIAL ORDER
	FF028	3/8 NPT Snap in Fitting	SPECIAL ORDER
	FF042	8mm to 1/8 Fitting Black	SPECIAL ORDER
	FF008	Elbow Male-Female 15mm PVC	81780600
	FF003/FAN	Fan Nozzle	SPECIAL ORDER
	FF005	Male Hose Tail 10mm PVC	SPECIAL ORDER

TEATWAND SUPPLY / SPARE PARTS

Image	On Farm #	Product Name	Dairy Source #
	PUMP_ASSEM_USA	Pump & Regulator Assembly	SPECIAL ORDER
	FF007	Reducer 15-10mm PVC	81780551
	FF047	Snap in Viton elbow with 1/2 inch thread	81780567
	FF053	Stepover / Walkover Nozzle	81780507
	FF024	Suction Weight Filter SS	SPECIAL ORDER
	FF054	Teatspray Valve 1/4 inch S/S	81780562
	FF031	Teatwand 3 Part Nozzle	81780607
	FF002	Teatwand Accumulator	81780550

TEATWAND SUPPLY / SPARE PARTS

Image	On Farm #	Product Name	Dairy Source #
	TWR_VALVE_KIT	Teatwand Rapid Teatspray Valve Retrofit Kit	SPECIAL ORDER
	FF003	Teatwand Spray Nozzle	81780525
	FF001	TW Inline Strainer	81780524
	FF048	TWS Rotary Wash Nozzle	81780574
	PUMP001	Viton Pneumatic Pump	81780588
	FF056	Wash Valve 1/2" Brass	81780570
	FF055	Wash Valve 1/4" Brass	81780571

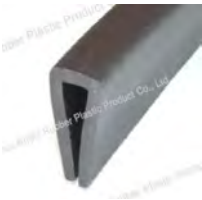
TEATWAND SUPPLY / SPARE PARTS

Hose

Image	On Farm #	Product Name	Dairy Source #
	TU010	12mm Tubing Blue	81780590
	TU009	6mm Blue Polyurethane Tube	SPECIAL ORDER
	TU002	6mm Tubing Polyethelene Black	SPECIAL ORDER
	TU006	6mm Tubing Polyethelene Natural	SPECIAL ORDER
	TU008	8mm Tubing Black	SPECIAL ORDER
	TU007	8mm Tubing Blue	SPECIAL ORDER
	TU001-ROLL	8mm Tubing Polyethylene 50m / 164FT - ROLL	81780536
	TU003	Spray Hose 10mm - Pump Intake hose	SPECIAL ORDER

TEATWAND SUPPLY / SPARE PARTS

Misc

Image	On Farm #	Product Name	Dairy Source #
	Rubber_Channel	Rubber Channel	81780596

TEATWAND SUPPLY / SPARE PARTS

Pneumatic

Image	On Farm #	Product Name	Dairy Source #
	PN046	1/4 Plug for Chlorine Manifold	SPECIAL ORDER
	PN093	12mm Plug in Elbow	SPECIAL ORDER
	PN044	2 Station Manifold for Chlorine valves	SPECIAL ORDER
	PN035	24V Extend Solenoid EX500	81780530
	PN065	6mm to 1/4 Elbow SS	SPECIAL ORDER
	PN080	8-8mm Tube Elbow SS	SPECIAL ORDER
	PN060	8mm Bulkhead SS	81780572
	PN038	8mm Elbow 1/4 BSP	81780554

TEATWAND SUPPLY / SPARE PARTS

Image	On Farm #	Product Name	Dairy Source #
	PN033	8mm Elbow for CY500EX	81780521
	PN081	8mm Extended Elbow 1/4 BSP SS	SPECIAL ORDER
	PN066	8mm Plug in Elbow	SPECIAL ORDER
	PN067	8mm Plug in Elbow Long	SPECIAL ORDER
	PN060/2	8mm Swaged Bulkhead SS	81780573
	PN119	8mm Tee S/S	81780566
	PN063	8mm to 1/4 Elbow SS	81780604
	PN064	8mm to 1/4 Straight SS	81780603

TEATWAND SUPPLY / SPARE PARTS

Image	On Farm #	Product Name	Dairy Source #
	PN061	8mm Y Connector SS	81780592
	Air_Service_Unit_Exact	Air Service Unit Exact	SPECIAL ORDER
	PN016	Bracket for Filter Reg	SPECIAL ORDER
	PN048	Bulkhead 1/4 to 8mm	SPECIAL ORDER
	PN113	Bulkhead 1/8 to 8mm	SPECIAL ORDER
	PN032	Bulkhead 8mm	SPECIAL ORDER
	PN092	Bulkhead Connector 12mm - 1/2 inch	SPECIAL ORDER
	PN115	Bulkhead Union 12MM	81780582

TEATWAND SUPPLY / SPARE PARTS

Image	On Farm #	Product Name	Dairy Source #
	PN017	Check Valve 8mm	81780575
	PN045	Chlorine Pilot Valve	81780538
	PN109	COMPACT RESIN SILENCER 1/8	SPECIAL ORDER
	PN099	COMPACT RESIN SILENCER 3/8	SPECIAL ORDER
	PN021	Compressor Fitting Female 1/4	SPECIAL ORDER
	PN111	Different Diameter Straight 12-10mm	SPECIAL ORDER
	PN114	Elbow 12MMx1/2 Burkert	81780583
	PN047	Elbow 6mm to 1/4	SPECIAL ORDER

TEATWAND SUPPLY / SPARE PARTS

Image	On Farm #	Product Name	Dairy Source #
	PN117	Elbow 8mm to 1/4 BSP S/S	81780563
	PN088	Elbow Fitting 12mm x 1/4	SPECIAL ORDER
	PN049	Elbow fitting 6mm x 1/8	81780606
	PN085	Elbow fitting 6mm x 1/8 SS	SPECIAL ORDER
	PN031	Elbow fitting 8mm x 1/8	SPECIAL ORDER
	PN086	Elbow Fitting Female 12mm x 1/2	SPECIAL ORDER
	PN110	Element for Rapid Air Service Unit	SPECIAL ORDER
	PN034	Extend Solenoid Base EX500	SPECIAL ORDER

TEATWAND SUPPLY / SPARE PARTS

Image	On Farm #	Product Name	Dairy Source #
	PN015	Filter Regulator 1/4 BSP	SPECIAL ORDER
	PN014	Gauge 150psi 1/8	81780584
	PN082	Hex Fitting 1/2 x 1/2	SPECIAL ORDER
	PN087	Hex Fitting 12mm x 1/4	SPECIAL ORDER
	PN004	Hex Fitting 6mm x 1/4	SPECIAL ORDER
	PN036	Hex Fitting 8mm 1/8 SS Int Hex	81780531
	PN005	Hex Fitting 8mm x 1/4	81780528
	PN070	Manifold 2 Port for Extend	SPECIAL ORDER

TEATWAND SUPPLY / SPARE PARTS

Image	On Farm #	Product Name	Dairy Source #
	PN069	Manifold 3 Port for Speed Control	SPECIAL ORDER
	PN071	Manifold 4 Port for Chem Valves	SPECIAL ORDER
	PN030	Manual On/Off Valve 8mm	81780609
	PN012	Reducer 10-8mm	81780581
	PN020	Reducer 12-10mm	SPECIAL ORDER
	PN041	Reducer 3/8 x 1/2 Pneumatic	SPECIAL ORDER
	PN112	REDUCER 6MM-12MM	SPECIAL ORDER
	PN013	Reducer 8-6mm	SPECIAL ORDER

TEATWAND SUPPLY / SPARE PARTS

Image	On Farm #	Product Name	Dairy Source #
	PN122	REDUCING TEE 12MMx10MM	81780595
	PN102	REGULATOR 1/2	SPECIAL ORDER
	AI002	Regulator in Rapid Cabinet	SPECIAL ORDER
	PN043	Solenoid Silencer 1/4	81780599
	PN003	Speed Controller/Exhaust Fitting	81780527
	PN121	Straight 12mm to 1/2" BSP	SPECIAL ORDER
	PN120	Straight 8mm to 1/4 BSP	81780598
	PN118	Straight 8mm to 1/4 BSP S/S	81780564

TEATWAND SUPPLY / SPARE PARTS

Image	On Farm #	Product Name	Dairy Source #
	PN026	Straight Reducer 10-8mm	SPECIAL ORDER
	PN008	Teatwand Straight Union 6mm	SPECIAL ORDER
	PN024	Teatwand Straight Union 8mm	81780529
	CY500EX	Teatwand EX500 Cylinder	81780510
	PN006	Teatwand Minature Elbow Fittings	SPECIAL ORDER
	SK003EX	Teatwand Seal Kit 500mm Cylinder	81780537
	PN107	TEE BRACKET AC20-URBAN WHITE	SPECIAL ORDER
	PN103	TEE BRACKET AC40-URBAN WHITE	SPECIAL ORDER

TEATWAND SUPPLY / SPARE PARTS

Image	On Farm #	Product Name	Dairy Source #
	PN039	Tee Union 1/2	SPECIAL ORDER
	PN010	Tee Union 10mm	SPECIAL ORDER
	PN011	Tee Union 12mm	SPECIAL ORDER
	PN040	Tee Union 3/8	SPECIAL ORDER
	PN084	Tee Union 6mm	SPECIAL ORDER
	PN009	Tee Union 8mm	SPECIAL ORDER
	PN098	VALVE LOCKABLE DUMP 3/2 1/2	SPECIAL ORDER
	PN105	VALVE LOCKABLE DUMP 3/2 1/4	81780586

TEATWAND SUPPLY / SPARE PARTS

Image	On Farm #	Product Name	Dairy Source #
	PN019	Water Separator	81780585
	TWSEPASS	Water Separator Assembly	SPECIAL ORDER
	PN023	Water Separator Bracket	SPECIAL ORDER
	PN108	Y SPACER AC20-URBAN WHITE	SPECIAL ORDER
	PN104	Y SPACER AC40-URBAN WHITE	SPECIAL ORDER
	Air_Service_Unit_Rapid	Air Service Unit Rapid	SPECIAL ORDER

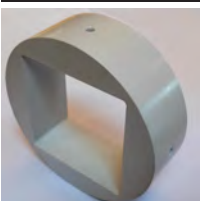
TEATWAND SUPPLY / SPARE PARTS

Spread Eagle

Image	On Farm #	Product Name	Dairy Source #
	SE006	SE Spacers	SPECIAL ORDER
	SE001/SS	Spread Eagle Leg Spreader SS Version	81780501
	SE001	Spread Eagle Leg Spreaders -Plastic	81780501PL

TEATWAND SUPPLY / SPARE PARTS

Teatwand EX500

Image	On Farm #	Product Name	Dairy Source #
	TWCOWSEN	Teatwand Cow Sensor Assembly	SPECIAL ORDER
	TWEX5007/1	Teatwand EX Riverview Twin Nozzle Holder	SPECIAL ORDER
	TWEX5004	Teatwand EX500 Back Mount Plate	81780514
	TWCOWPOSITION	Teatwand EX500 Cow Position Sensor (USA exacts Calibration)	SPECIAL ORDER
	TWEX5003	Teatwand EX500 Front Square Slide Bush	81780513
	TWEX5002	Teatwand EX500 Inner Tube Complete	81780516
	TWEX5006	Teatwand EX500 Nozzle End Spring Holder	81780517
	TWEX5001	Teatwand EX500 Outer Tube Complete	81780512

TEATWAND SUPPLY / SPARE PARTS

Image	On Farm #	Product Name	Dairy Source #
	TWEX5005	Teatwand EX500 Spring Block AI	81780515
	TWEX5007	Teatwand EX500 Twin Nozzle Holder	81780518
	TWEX5011	Teatwand EX500 Twin Nozzle Holder (40 Deg)	SPECIAL ORDER
	TWEX500	Teatwand Exact Assembly	81780520
	TW500_Hose_Guide_Ass	Teatwand Exact Hose Guide Assembly	SPECIAL ORDER
	TWE_VALVE_KIT	Teatwand Exact Teatspray Valve Retrofit Kit	81780605
	SP004EX	Teatwand Spring EX500	81780532
	TWEX5010	TW Exact Modified Floating Joint	81780519

TEATWAND SUPPLY / SPARE PARTS

Image	On Farm #	Product Name	Dairy Source #
	TWEX5009	TWEX Pneumatic Cylinder Bush	81780511
	TWEXBAILSEN	TWEX500 Bail Sensor Assembly	SPECIAL ORDER

TEATWAND SUPPLY / SPARE PARTS

Teatwand Rapid

Image	On Farm #	Product Name	Dairy Source #
	TWR-8003	TWR Drive Clevis	SPECIAL ORDER
	PN074	TWR Rod End Bearing	SPECIAL ORDER
	TWR-0005	TWR Roller	SPECIAL ORDER
	TWR-0007	TWR Roller Shaft Horizontal	SPECIAL ORDER
	TWR-0003	TWR Roller Shaft Vertical	SPECIAL ORDER
	FF041	TWR Water Nozzle	SPECIAL ORDER
	FF039	TWR-Water Solenoid	SPECIAL ORDER

INDEX

A	ACTUATORS	SEC.4 - P13,14,15	CLAMPS - HOSE	SEC.2 - P3,9,11	ELBOWS	SEC.1 - P3	
	ADAPTERS	SEC.2 - P2,7	HEAVY DUTY	SEC.5 - P13-14	ELBOWS	SEC.2 - P4,5,9	
		SEC.3 - P8	CLAWS	SEC.5 - P1,2,3,4		SEC.8 - P6,7	
		SEC.5 - P4,6	CLIPS - BREAKAWAY,		DRAIN	SEC.2 - P4	
		SEC.8 - P4	SEC.8 - P3		RUBBER	SEC.4 - P10	
			SPRING			SEC.1 - P9	
	AIR FITTINGS	SEC.5 - P16	CLUSTER SPRAYER	SEC.6 - P8		SEC.5 - P19	
	AIR FORK	SEC.5 - P2	COATINGS - FLOOR, WALL	SEC.3 - P22	E-Z SAMPLER	SEC.5 - P12	
	AIR FLOW METER	SEC.1 - P12	COIL FILTERS	SEC.8 - P6			
	AIR INJECTORS	SEC.3 - P14	COIL- WATER VALVE,	SEC.3 - P11,12	F		
AIR LINES	SEC.5 - P15	PULSATOR	SEC.5 - P7	FAST CONNECT		SEC.5 - P17	
AIR TUBING	SEC.5 - P4	CORD	SEC.5 - P18	FAUCETS		SEC.3 - P19	
AGITATOR ASSEMBLY	SEC.3 - P12	CONCRETE CLEANER	SEC.3 - P23	FERRULES		SEC.2 - P2-3	
AGITATOR SHIELD	SEC.3 - P9	CONDUIT	SEC.8 - P4			SEC.5 - P18	
		CONTROL BOX - EXPRESSO	SEC.8 - P9	FILTERS		SEC.1 - P8,9,11	
		CONTROL SYSTEMS	SEC.3 - P14			SEC.5 - P7,19	
		LEVEL	SEC.4 - P3	AIR		SEC.5 - P6	
		PULSATOR	SEC.5 - P6	COIL		SEC.8 - P6	
		COUPLING	SEC.1 - P3	INLET		SEC.8 - P6	
B				SEC.2 - P3	MILK CHECK	SEC.3 - P6	
				SEC.3 - P8,12,14	PULSATION	SEC.8 - P4	
			FLEX	SEC.1 - P3	RECEIVER	SEC.4 - P3	
			RUBBER	SEC.1 - P3	SOCK	SEC.3 - P6	
	BELTS - VACUUM PUMP	SEC.1 - P6	COVERS	SEC.1 - P10		SEC.3 - P4,5,6	
	BENDS	SEC.5 - P4		SEC.3 - P9	FITTINGS	SEC.5 - P15,16	
	BLENDING STATIONS	SEC.6 - P4	CYLINDERS	SEC.5 - P18	FLANGE, WALL	SEC.2 - P11	
	BRACKETS - VACUUM	SEC.1 - P9			FLAPPER	SEC.1 - P7,10	
	TUBING	SEC.2 - P10	D			SEC.4 - P10	
	WASH SINK	SEC.3 - P18		DAIRY SCRATCHY	SEC.7 - P1	FLOORING, RUBBER	SEC.7 - P1,2
RAM MOUNT	SEC.5 - P18,19,20	DETERGENT		SEC.6 - P10	FLOW CELLS	SEC.8 - P1,6	
DETACHER	SEC.8 - P2,7	DIAPHRAGMS		SEC.3 - P9	FLOW CELL MOUNTS	SEC.8 - P1	
BRUSHES	SEC.3 - P20			SEC.5 - P19	FLOWMETER	SEC.3 - P13	
BUFFER TANK	SEC.3 - P17			SEC.8 - P7	FOAMERS	SEC.6 - P7,9	
BULK TANK WASHER	SEC.3 - P8	DIAPHRAGM PUMP		SEC.6 - P5	FOAMER GUNS	SEC.6 - P7	
BUSHINGS - VACUUM, PUMP	SEC.1 - P3,6	DIGIMET		SEC.1 - P10	FOOT ADAPTER	SEC.3 - P17	
BUTTERFLY VALVE	SEC.3 - P10	DIP CUPS		SEC.6 - P8	FOOT WASHERS	SEC.7 - P3	
		DISENFACTANTS		SEC.6 - P11-12	FRESH AIR ASSEMBLY	SEC.8 - P4	
C		DISPENSERS	SEC.3 - P7,14,15				
	C-CLAMPS	SEC.2 - P10	SEC.6 - P1,2,5	G			
	CABLE	SEC.1 - P8	DIVERTERS		SEC.4 - P10, 13	GASKETS - VACUUM	SEC.1 - P9
		SEC.8 - P10	DRAINS - ELBOW		SEC.1 - P9	TC STYLE	SEC.2 - P1,3,9
	CALF FEEDERS	SEC.7 - P4	WASH SINK		SEC.3 - P18	PLATE COOLER	SEC.3 - P3,4,8,9
	CALF HYGIENE	SEC.6 - P11	RUBBER		SEC.4 - P10		SEC.4 - P10
	CALF NIPPLES	SEC.7 - P4	DUCKBILL		SEC.5 - P10		SEC.5 - P2,3,12
	CAPS - BALANCE TANK	SEC.1 - P9	DRAIN PLUG		SEC.4 - P2	GLASS CLEANER	SEC.6 - P10
	STAINLESS	SEC.2 - P3,7,8	DRAIN VALVE		SEC.3 - P12	GOAT MILKING	SEC.5 - P5,8
	THREAD BULK TANK	SEC.3 - P9,10,11	DRIP DIVERTER		SEC.3 - P9	GREASE REMOVER	SEC.6 - P10
CATTLE PAINT	SEC.7 - P6	DRIPPER ASSEMBLY	SEC.1 - P7		GUAGES - VACUUM	SEC.1 - P10	
CFM TESTER	SEC.1 - P12	DRIVES - VACUUM	SEC.1- P8				
CHECK VALVE	SEC.1 - P10	DRUM PUMP	SEC.6 - P2	H			
CHECK VALVE SEAT	SEC.4 - P10	DUST COVER	SEC.3 - P11		HAND SANITIZER	SEC.6 - P10	
CHEMICAL PUMPS	SEC.6 - P2				HANDLES	SEC.3 - P20	
CHILL DATA SHEET	SEC.3 - P2	E			HANGERS	SEC.2 - P10	
CHLORINE	SEC.6 - P10		EAR TAGS		SEC.7 - P6	TUBING	SEC.2 - P10

PLASTIC	SEC.5 - P4	TEES	SEC.2 - P16		SEC.4 - P11,12
SHUTOFF ASSEMBLY	SEC.8 - P1	TESTERS	SEC.1 - P10,12		SEC.4 - P11,12
SLEEVES	SEC.3 - P9	THERMOMETERS	SEC.3 - P10	BULK TANK	SEC.3 - P10
SmartCLEAN	SEC.1 - P7	THERMOWELL	SEC.3 - P10	BUTTERFLY	SEC.4 - P11,12
SMARTPULS	SEC.5 - P6	TIE STALL ADAPTERS	SEC.8 - P4	CHECK	SEC.4 - P2,11,12
	SEC.8 - P3	TIE STALL HANGERS	SEC.8 - P4		SEC.5 - P12
SMARTPULS SERVICE KIT	SEC.8 - P5	TIE STALL HOOKS	SEC.8 - P4	DISPENSING	SEC.6 - P9
SOLENOID CONNECTOR	SEC.8 - P2	TIE STALL TRACKER	SEC.8 - P5	DRAIN	SEC.3 - P12
SOLVENT	SEC.3 - P23	TIMERS	SEC.3 - P8,12	MILKLINE	SEC.2 - P9
SPINNERS	SEC.3 - P8		SEC.5 - P19		SEC.8 - P3
SPLASH GUARD	SEC.6 - P9	TOOLS	SEC.2 - P11	MINIDISC	SEC.4 - P15
SPRAYBALL	SEC.3 - P17	SAWING VISE	SEC.2 - P11	MIXING	SEC.3 - P11
SPRAY GUNS	SEC.6 - P9	TUBING EXTENDER	SEC.2 - P11	PVA	SEC.4 - P13
SPRAYERS	SEC.7 - P3	WRENCH	SEC.2 - P11	PLATE COOLER	SEC.3 - P3
SPIGOTS	SEC.6 - P2	TOWEL DISPENSERS	SEC.6 - P1	SEAT	SEC.4 - P11,12
SPRINGS	SEC.3 - P4,5	TOWELS	SEC.6 - P1	SHUTOFF	SEC.5 - P3,19
	SEC.5 - P3	TRACKER REMOTE	SEC.8 - P5		SEC.8 - P1,3,7
SPOOL	SEC.8 - P8	TRANSDUCERS	SEC.1 - P8	VACUUM	SEC.1 - P10
STALLCOCK	SEC.5 - P7,8	TROWELS	SEC.3 - P23		SEC.4 - P10
STALLCOCK ADAPTERS	SEC.8 - P4	TUBING - STAINLESS	SEC.2 - P1	VORTEX	SEC.8 - P1
STALL GATE SWITCH	SEC.8 - P8	MILK	SEC.3 - P16	WATER	SEC.3 - P11
STANDS - VACUUM	SEC.1 - P1,9	PULSATION	SEC.5 - P13-15	RELIEF	SEC.1 - P10
STRAINERS - MILK FILTER	SEC.3 - P4,5	TUBING EXPANDER	SEC.2 - P11	VACUUM REGULATOR	SEC.1 - P11
SURGE	SEC.5 - P7	TUBING HANGERS	SEC.2 - P11	VACUUM VALVES	SEC.1 - P10
SURGE KIT	SEC.8 - P5			VORTEX PLATE	SEC.4 - P9
SUTORBILT PUMP KIT	SEC.1 - P1			VORTEX SHUTOFF VALVE	SEC.8 - P1
SWITCH KITS	SEC.8 - P7				
SWIVELS	SEC.2 - P6				
		U			
		V			
		WISE	SEC.2 - P11		
		VSD	SEC.4 - P3	W	
		VACUUM HOSE	SEC.8 - P5	WALL FLANGE	SEC.2 - P11
		VALVES	SEC.1 - P10	WAND SPRAY COIL	SEC.6 - P8
T			SEC.8 - P6	WASH PLUG	SEC.4 - P10
TAIL TRIMMERS	SEC.7 - P2		SEC.4 - P11,12,15	WASH SINKS	SEC.3 - P18
TANKS		AIR ACTUATED	SEC.5 - P3	WASHERS	SEC.3 - P8,14
HORIZONTAL	SEC.1 - P9	AIR PINCH	SEC.4 - P11,12	BULK TANK	SEC.3 - P8
VERTICAL	SEC.1 - P9	BALL	SEC.1 - P10	WATER METER	SEC.6 - P3
TEAT DIPPERS	SEC.6 - P8,9	BRASS	SEC.3 - P10	WATER VALVE	SEC.3 - P11
TEAT SPRAYER	SEC.6 - P3,8	BREAKAWAY		WIRE	SEC.8 - P10
TEAT TEST KIT	SEC.7 - P5			WRENCH	SEC.2 - P11

SECTION 9 - PARTS BREAKDOWN

9590/9595 PARTS	SEC.9 - P25	FOAMER GUN	SEC.9 - P28	PUMPS - FRISTAM	SEC.9 - P15
9650 PARTS	SEC.9 - P24	JETTER - FLOW CONTROL	SEC.9 - P18	PUMPS - MASPORT	SEC.9 - P34
9740/9740-240 PARTS	SEC.9 - P26	JETTER - VARI FLOW	SEC.9 - P18	RAM - RETRACT	SEC.9 - P4-5
AIR BLOW CHECK VALVE	SEC.9 - P19	MASPORT OIL RECLAIMER	SEC.9 - P35	SENTINEL PEACEKEEPER	SEC.9 - P29
AIR INJECTOR	SEC.9 - P20	MASPORT OILER	SEC.9 - P36	SPRAYMATE PUMP/MOTOR	SEC.9 - P29
BENDER 1185 TIMER	SEC.9 - P21	MILK METER - MK V	SEC.9 - P12	SUPAVAC	SEC.9 - P33
BENDER 9300 TIMER	SEC.9 - P21	MILK PUMPS - ANDERSON	SEC.9 - P13	TEAT CUP REMOVER	SEC.9 - P6
CLAW - 300	SEC.9 - P3	MILK PUMPS - BECO	SEC.9 - P13	VACUUM CONTROLLER	
CLAW - 320	SEC.9 - P2	MILK PUMPS - THOMSEN	SEC.9 - P14	SENTINEL MK11	SEC.9 - P30
CLAW - FLOSTAR	SEC.9 - P1	MILK PUMPS - UNIVERSAL	SEC.9 - P16	VACUUM CONTROLLER	
CLAW - NIMBUS	SEC.9 - P1	MILK WASH/VAT	SEC.9 - P17	SENTINEL 100	SEC.9 - P31
CLEAN CONTROL - 8950	SEC.9 - P23	PULSATOR - 2+2	SEC.9 - P9	VACUUM CONTROLLER	
COMBIFAST - INTERPULS	SEC.9 - P7-8	PULSATOR - BM STYLE	SEC.9 - P11	SENTINEL 350-500	SEC.9 - P32
DETACHER - TCR	SEC.9 - P6	PULSATOR - SMARTPULS	SEC.9 - P10	WATER VALVE - 8500	SEC.9 - P22
DETACHER - FREEDOM 70066	SEC.9 - P37	PUMPS - SP41	SEC.9 - P15		
DIVERTER - 7540	SEC.9 - P27	PUMPS - SP51	SEC.9 - P16		

TERMS & CONDITIONS



Customer Satisfaction is How We Measure Our Success

At DAIRY SOURCE we are customer driven. We strive to supply you, our customer, with the highest quality products at the most affordable price possible. We also understand that those orders need to ship to you in a timely manner so our aim is to ship each order as quickly and accurately as possible by the most economical means available.

Minimum Order Policy:

Simply stated, there isn't one! Don't get me wrong, we like to see those big orders as well but we understand that you just shouldn't have to buy a bunch of product you don't need just to get that very important repair part you do need.

Shipping:

Orders without shipping instructions will be shipped via the most economical means as determined by our qualified staff. Upon request, we can ship your orders to any of your store locations or directly to your customer. All orders shipped FOB - shipping point.

Updated Invoice Terms:

As of March 31st 2019 - All dealers are offered a 2% discount if invoices are paid within 10 days, NET DUE 30 days unless otherwise agreed upon. Please also note the 2% discount should be calculated from the sub-total and after any other discounts (not including freight). In an effort to control our cost to you, credit card orders will no longer receive the 2% net 10 discount due to credit card processing fees we incur.

As well, all sales including discounts promotions or sale pricing are net 30 only, after 30 days all discounts will be removed, and invoices will be adjusted to standard pricing.

Any dealers who are on the Freight Program will be charged for freight on orders which are drop shipped from our vendors.

Billing:

- All invoicing and prices are in U.S. dollars.
- All pricing is subject to change without notice.
- We reserve the right to hold orders for advance payment.
- Accounts not paid within standard terms may be subject to a monthly service charge of 1.5%
- Customer is responsible for any service charges incurred on accounts which must be turned over for collection.

Warranty:

- DAIRY SOURCE extends only the original manufactures warranty for a product.
- Rubber products, hose, paper, cloth, liners, glass and plastic parts carry no warranty.
- DAIRY SOURCE is not responsible or obligated to pay for labor, loss of product, transportation charges or cost related to defective installation.
- DAIRY SOURCE assumes no liability for direct, indirect or consequential damages.

RETURN/REPAIR POLICY



Return Policy:

- Items may be subject to a re-stocking charge if not returned within 90 days from date of purchase.
- A completed RMA form MUST accompany all items being returned to DAIRY SOURCE.
- Any items returned without a completed RMA form may be subject to a re-stocking charge.
- All returns should be sent pre-paid and should be in new, original and saleable condition.
- All custom manufactured, special order and "as is" items are not returnable.
- DAIRY SOURCE does not warranty freight or labor charges.
- If the item is under warranty, please verify by checking the serial number of the product and reading DAIRY SOURCE's Limited Warranty.
- If a PCB is not under warranty and needs repair see repair pricing below. Prices for repair boards are marked RR for Repair/Return.
- All returned items are repaired, reprogrammed, recalibrated, tested and the results documented.
- In order to have a fast turn around on a repair you must give us as much information about the problem. The less we know the longer it takes to get the part back to you.
- Include the completed RMA form in the box you are returning.
- Credit is not allowed on used items.
- Returns are not allowed on special order or legacy parts.
- Items that are a part of an assembly cannot be returned for credit as they are included in price.

REPAIR COST BREAKDOWN	
Warranty item(s) (based upon SN/Lot#)	\$0.00
Items(s) not under warranty and no defect found (NDF)	\$25.00 + Shipping
Item(s) not under warranty and parts were replaced	\$94.50 + cost of part(s) + Shipping
Item(s) not under warranty and cannot be fixed will be scrapped or we can send them back to you	Cost of shipping if you want the scrapped board back
Upgrade your PCB to the latest code	\$35.00 + Shipping



Return Merchandise Authorization

THIS FORM MUST BE COMPLETED AND RETURNED WITH ALL REPAIR/RETURN/WARRANTY PRODUCTS

Contact Name: Phone:

Dealer Name: Date:

Contact Email:

RMA#:

A RETURN AUTHORIZATION NUMBER WILL BE ISSUED AND ACKNOWLEDGEMENT SENT UPON RECEIPT OF THE ITEM(S) - IF YOU DO NOT RECEIVE ACKNOWLEDGEMENT WITH 5 BUSINESS DAYS PLEASE CALL 866-648-6455.

CUSTOMER INFORMATION

FARM NAME/SOLD TO: PHONE:

DATE SOLD: INSTALL DATE: FAIL DATE: INVOICE#:

DESCRIPTION OF ISSUE/PROBLEM:

PRODUCT(S) RETURNED INFORMATION

ITEM NUMBER	QTY	DESCRIPTION/PROBLEM/ISSUE	ACTIONS:
			☐ REPLACE ☐ REPAIR ☐ WARRANTY
			☐ REPLACE ☐ REPAIR ☐ WARRANTY
			☐ REPLACE ☐ REPAIR ☐ WARRANTY
			☐ REPLACE ☐ REPAIR ☐ WARRANTY
			☐ REPLACE ☐ REPAIR ☐ WARRANTY
			☐ REPLACE ☐ REPAIR ☐ WARRANTY
			☐ REPLACE ☐ REPAIR ☐ WARRANTY
			☐ REPLACE ☐ REPAIR ☐ WARRANTY
			☐ REPLACE ☐ REPAIR ☐ WARRANTY
			☐ REPLACE ☐ REPAIR ☐ WARRANTY
			☐ REPLACE ☐ REPAIR ☐ WARRANTY
			☐ REPLACE ☐ REPAIR ☐ WARRANTY
			☐ REPLACE ☐ REPAIR ☐ WARRANTY
			☐ REPLACE ☐ REPAIR ☐ WARRANTY
			☐ REPLACE ☐ REPAIR ☐ WARRANTY

OFFICE USE ONLY

ACTIONS/APPROVALS:

- ☐ REPLACE/NO CHARGE
- ☐ REPAIR/RETURN
- ☐ CREDIT
- ☐ RETURN TO CUSTOMER
- ☐ CHARGED REPAIR/RETURN

EXPLANATION/REASON FOR ACTION:

AUTHORIZATION:

NAME: SIGNATURE: DATE:

NAME: SIGNATURE: DATE:

CUSTOMER INFORMATION

ORDER INFORMATION

PRODUCT ORDER



275 Investment Court
Verona, Wisconsin 53593

(608) 497-3630

www.thedairysource.com