



HOLSTEIN SUPPLY, INC.

409 E HIGHWAY 50, SYRACUSE, KANSAS 67878

PHONE: (620) 384-6262

FAX: (620) 384-6263

WEBSITE: www.holsteinsupplyinc.com

2016 MILKING EQUIPMENT CATALOG



***“We drive the professional installation and
quality service our customers deserve.”***



HOLSTEIN SUPPLY, INC.

409 E HIGHWAY 50, SYRACUSE, KANSAS 67878

 **DeLaval**

ROTA-TECH



PHONE: (620) 384-6262

FAX: (620) 384-6263

WEBSITE: www.holsteinsupplyinc.com

REPLACEMENT CLAWS FOR GERMANIA®

*These are excellent replacement claws with a high-polish finish and a large capacity.
The window and gaskets interchange with Germania® and DeLaval®.
Weight and capacity are almost identical to the original models. Available in 5/8" and 3/4" ID milk outlet.*



STANDARD = HERRINGBONE

10050 - 5/8"

Lightweight claws,
standard/herringbone

10053 - 3/4"

Lightweight claws,
standard/herringbone

Outside
Width 3 1/2"

Inside
Width 2 1/2"

Approx.
Weight 25 oz

*Use 10353 air tee for
3/4" claws*

REVERSE = PARALLEL

10040 - 5/8"

Lightweight claws for
parallel, nipples reversed

10043 - 3/4"

Lightweight claws for
parallel, nipples reversed



Outside
Width 3 1/2"

Inside
Width 2 1/2"

Approx.
Weight 25 oz

REPLACEMENT PARTS FOR GERMANIA® AND CALIFORNIA CLAWS

10041 - Lathe cut window

10042 - Molded window

10044 - White gaskets

10046 - Window clips

10048 - White plugs, for Germania®, 5/8"

10049 - White plugs, for Germania®, 3/4"

10052 - Stainless CIP U-hook, to weld onto GM style claw 1" x 1 5/8" ID

10041



10042



10044



SEE PAGE 11 FOR OUR FULL LINE OF AIR TEES, INCLUDING THE WIDER 3/4" VERSION.

CALIFORNIA STYLE CLAWS

*These popular, easy-to-handle vented claws, will give your customers durability and easy milk flow at a very economical price.
We stock various styles in 5/8" and 3/4" ID, to suit your customers' needs.
See page 11 for air tees. (Windows and gaskets interchange with Germania® and DeLaval®)*

STANDARD = HERRINGBONE

"BOTTOM UNLOAD CLAWS"

REVERSE = PARALLEL



10330 - 5/8" California
barrel claw, bottom unload,
standard/herringbone

10102 - 3/4" California
barrel claw, bottom unload,
standard/herringbone

10541 - 5/8" California
barrel claw, bottom unload
for parallel, nipples reversed

10540 - 3/4" California
barrel claw, bottom unload
for parallel, nipples reversed



"TOP UNLOAD CLAWS"

10107 - 3/4" California
barrel claw, top unloading,
standard/herringbone

*(THIS IS NOT A STOCK ITEM
By special quantity order only.)*

10103 - 3/4" California
barrel claw, top unloading,
parallel, nipples reversed

*(THIS IS NOT A STOCK ITEM
By special quantity order only.)*

Outside
Width 2 3/4"

Inside
Width 1 3/4"

Approx.
Weight 27 oz

Outside
Width 2 3/4"

Inside
Width 1 3/4"

Approx.
Weight 27 oz

REPLACEMENT CLAWS AND PARTS FOR DeLAVAL®

SUPER LITE CLAWS

- 10876** - Complete claw with valve & with 10895 bowl
- 10875** - Complete claw without valve & with 10894 bowl
- 10887** - Claw top kit - less bowl
INCLUDES: air chamber, gaskets, hanger and screws
- 10886** - Stainless claw top, only



10876



111175

COMPLETE ORIGINAL USED SUPER CLAWS

- 111175** - USED claw with valve & with 10895 bowl
- 111168** - USED claw without valve & with 10894 bowl

REPLACEMENT PARTS FOR ORIGINAL SUPER CLAWS/SUPER LITE CLAWS

ALSO CALLED SUPER FLO AND SUPER FLO LITE

- 10873** - Bowl gasket, *for original Super claw*
- 10881** - Bumper, *for Super claw*
- 10884** - Air chamber, *for Super Lite claw*
- 10899** - Gasket, *for Super Lite air chamber*
- 10885** - Top stainless hanger with loop, *for Super Flo Lite*
- 10883** - Screw, *for Super Lite claw top*
- 10882** - Clear plastic vent, *for Super claw (larger vent)*
- 10864** - Shutoff clip
- 10862** - White shutoff



10882



10862

SUPER BOWL, ONLY

- 10894** - Super bowl, without valve hole
- 10895** - Super bowl, with valve hole
(interchanges with the white shutoff)

SUPER BOWL KIT

- 10896** - Kit, without valve hole
INCLUDES: Bowl, gasket and bumper
- 10897** - Kit with valve hole
INCLUDES: Bowl, gasket, bumper and shutoff
(interchanges with the white shutoff)

REPLACEMENT PARTS FOR E-ZEE'S SUPER CLAW ONLY

THESE PARTS DO NOT INTERCHANGE WITH THE ORIGINAL

- 10877** - Complete claw with valve & with 10878 bowl kit
- 10878** - Complete Super bowl kit
- 10890** - Super bowl, only, with valve hole
- 10891** - Thicker gasket with lip
- 10861** - Shutoff

COMPLETE REPLACEMENT FLOW-VIEW STYLE CLAWS

- 10867** - Alternating Flow-View claw, with 10860 bowl
- 10868** - Alternating Flow-View claw, with 03145 new original bowl kit

REPLACEMENT AND ORIGINAL PARTS FOR FLOW-VIEW CLAWS

- 10869** - Alternating stainless top, only
- 10863** - Complete Flow-View bowl kit, 180cc *INCLUDES: bowl, gasket, bumper, shutoff and shutoff clip*
- 10860** - Bowl only, *for DL style Flow-View claw, 180cc*
- 10865** - Bowl gasket, *for Flow-View bowl, not for original claw*
- 10871** - Bowl, *with bumper*
- 10866** - Bowl gasket, *for ORIGINAL Flo Vu bowl (No stretching needed)*
- 10861** - Shutoff, *for Flow-View bowl, not for original claw*
- 10864** - Shut off clip
- 10870** - Bumper, *for Flow-View claw, not for original claw*
- 10888** - White vent, *for old original style Flo-Vu claw (smaller vent)*
- 03145** - ORIGINAL Flo Vu bowl KIT, with valve and copy rubber parts
- 03140** - ORIGINAL Flo Vu bowl, only, with valve hole (99670084 DL)
- 03143** - ORIGINAL Flo Vu bumper (98588701 DL)



23105 - Rubber Y
to convert to single pulsation



23106 - Plastic insert
for rubber Y



10867

10888

REPLACEMENT CLAWS AND PARTS FOR HARMONY®

10840 - Complete New Style Claw with valve and used base

REPLACEMENT PARTS FOR NEW STYLE HARMONY®

10845 - Complete claw kit INCLUDES: top, liner support, both gaskets, shutoff, shutoff clip and vent

10850 - Replacement tops

10825 - Top, with valve hole plugged (Not Pictured)

10828 - Kit, without valve hole,
INCLUDES: support, both gaskets, and top

10864 - Shutoff clip

10856 - Inner gasket

10853 - Outer gasket

10848 - Liner support

10839 - Vent (w/plastic bubble - can interchange w/OS)

10858 - Shutoff for bowl

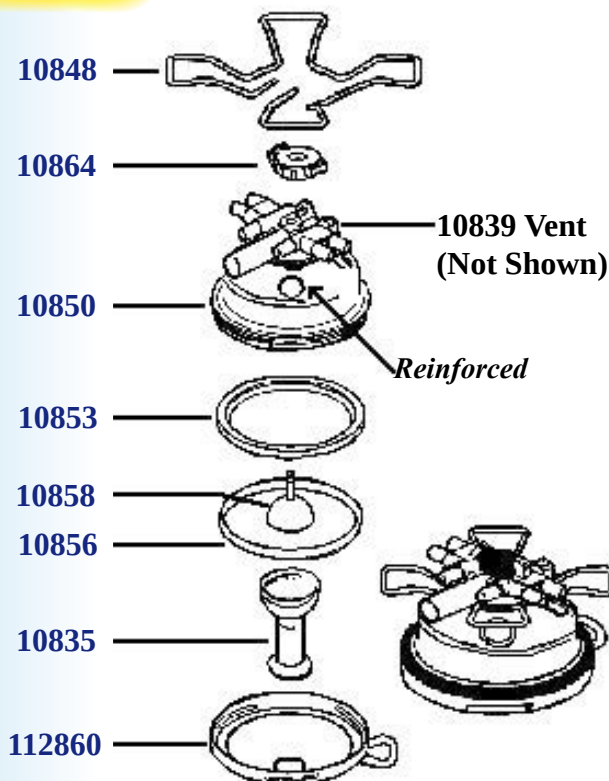
10835 - Center milk tube

112860 - Used original stainless base

10851 - Takeoff loop (Not Pictured)

10829 - Plug to convert claw with shutoff hole to without hole (Not Pictured)

NEW STYLE



REPLACEMENT PARTS FOR OLD STYLE HARMONY®

10857 - Thick shutoff clip

10856 - Inner gasket

10854 - Outer gasket for bowl

112855 - USED liner support

10858 - Shutoff

10837 - Vent (w/flat round plate w/hole)

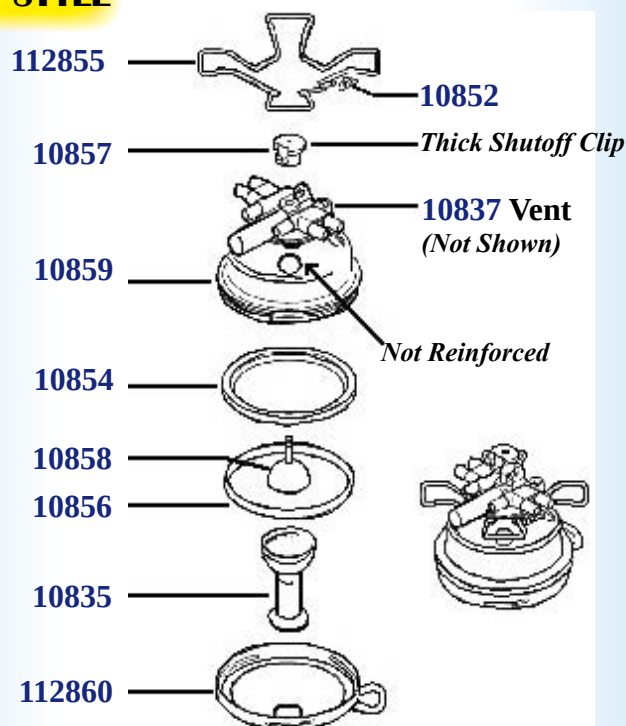
10835 - Center milk tube

112860 - Used original stainless base

10851 - Takeoff loop

10852 - Side clip

OLD STYLE



REPLACEMENT 300cc CLAWS WITH RADEL PLASTIC BOWLS

COMPLETE CLAWS VENTED, WITHOUT VALVES

	<u>Twin</u>	<u>x</u>	<u>Air</u>	<u>Stainless Air Chamber</u>
13304	- 9/32"	x	9/32"	Side to side
13305	- 9/32"	x	9/32"	Back to front
13306	- 3/8"	x	1/4"	Back to front
13307	- 3/8"	x	9/32"	Back to front
13314	- 1/4"	x	1/4"	Back to front

	<u>Twin</u>	<u>x</u>	<u>Air</u>	<u>Plastic Air Chamber</u>
13300	- 9/32"	x	9/32"	Side to side
13312	- 9/32"	x	9/32"	Back to front



COMPLETE CLAWS VENTED, WITH VALVES

	<u>Twin</u>	<u>x</u>	<u>Air</u>	<u>Stainless Air Chamber</u>
14326	- 9/32"	x	9/32"	Side to side
14327	- 9/32"	x	9/32"	Back to front
14328	- 3/8"	x	1/4"	Back to front
14329	- 3/8"	x	9/32"	Back to front
14333	- 1/4"	x	1/4"	Back to front

	<u>Twin</u>	<u>x</u>	<u>Air</u>	<u>Plastic Air Chamber</u>
14300	- 9/32"	x	9/32"	Side to side
14331	- 9/32"	x	9/32"	Back to front

NEW PROCEDURE... TO ORDER A CLAW WITH A NON VENTED TOP...JUST ADD -NV TO THE PART # - FOR EXAMPLE: 13304-NV

REPLACEMENT PARTS FOR 300cc CLAW

AIR CHAMBERS, ONLY

	<u>Twin</u>	<u>x</u>	<u>Air</u>	<u>Stainless Air Chamber</u>
14320	- 9/32"	x	9/32"	Side to side
14324	- 9/32"	x	9/32"	Back to front
14321	- 3/8"	x	9/32"	Back to front
14323	- 3/8"	x	1/4"	Back to front
14336	- 1/4"	x	1/4"	Back to front
14337	- 9/32"	x	1/4"	Back to front*

*AIR TUBES PARRALLEL WITH MILK NIPPLES

	<u>Twin</u>	<u>x</u>	<u>Air</u>	<u>Plastic Air Chamber</u>
14309	- 9/32"	x	9/32"	Side to side
14335	- 9/32"	x	9/32"	Back to front

CLAW TOP KITS - w/o Bowl

WITH PLASTIC AIR CHAMBER - SPECIFY SIZE AND STYLE NEEDED

- 13319 - Top kit, for claw without valve hole
 14319 - Top kit, for claw with valve hole (valve not included)

WITH STAINLESS AIR CHAMBER - SPECIFY SIZE AND STYLE NEEDED

- 13320 - Top kit, for claw without valve
 14349 - Top kit, for claw with valve (valve not included)

CLAW BOWL KITS - w/o Top

WITH PLASTIC AIR CHAMBER - SPECIFY SIZE AND STYLE NEEDED

- 13374 - Bowl kit, for claw without valve hole
 14372 - Bowl kit, for claw with valve hole

WITH STAINLESS AIR CHAMBER - SPECIFY SIZE AND STYLE NEEDED

- 13370 - Bowl kit, for claw without valve
 14370 - Bowl kit, for claw with valve



13325 - Rubber parts kit for claw without valve hole

INCLUDES:

- 1 - 14305 Bowl gasket,
 1 - 14306 Rubber bumper
 1 - 14307 Small gray center seal



14355 - Rubber parts kit for claw with valve hole

INCLUDES:

- 1 - 14305 Bowl gasket
 1 - 14306 Rubber bumper
 1 - 14307 Small gray center seal
 1 - 14302 Shut off clip
 1 - 14351 Gray shut off

BOWLS, ONLY

- 13350 - Bowl, (Radel), without valve hole
 14350 - Bowl, (Radel), with valve hole

BOWL KITS

- 13360 - Kit without valve hole
 INCLUDES: Radel bowl, bowl gasket, small center seal, & rubber bumper
 14360 - Kit with valve hole
 INCLUDES: Radel bowl, bowl gasket, small center seal, rubber bumper, shut off valve & shut off clip

RUBBER PARTS

- 14305 - Bowl gasket
 14302 - Shut off clip
 14306 - Rubber bumper
 14307 - Small gray center gasket
 14352 - Black rubber shut off valve
 14351 - Gray shut off valve

MISCELLANEOUS PARTS

- 14313 - Black plastic nut.....
 14317 - Stainless top nut (replaces plastic one)
 14304 - Bolt holder, for shut off
 14318 - Stainless flat tab, for bolt holder
 13308 - Bolt, for claw without valve
 14308 - Bolt, for claw with valve
 14322 - New style light weight claw hanger, for 300cc
 14312 - Stainless top hanger, with loop, for 300cc
 14346 - Stainless top hanger, with hook, for 300cc
 14315 - Stainless top vented, for 300cc
 14340 - Stainless top non vented, for 300cc
 14343 - Lock washer for 300cc claw



STAINLESS TOP HANGER WITH HOOK

The Kleen-Flo claws are also available with the Surge® style hooks. To order claws with the hooks use the regular part # plus #14347. Also add \$14 to the cost of the claw.



IF ORDERING SEPARATELY ORDER PART 14346

REPLACEMENT 300E CLAWS WITH RADEL PLASTIC BOWLS

COMPLETE CLAWS VENTED, WITHOUT VALVES

	<u>Twin</u>	<u>x</u>	<u>Air</u>	<u>Stainless Air Chamber</u>
14201	- 9/32"	x	9/32"	Side to side
14202	- 9/32"	x	9/32"	Back to front
14203	- 3/8"	x	1/4"	Back to front
14204	- 3/8"	x	9/32"	Back to front
14206	- 1/4"	x	1/4"	Back to front
	<u>Twin</u>	<u>x</u>	<u>Air</u>	<u>Plastic Air Chamber</u>
14200	- 9/32"	x	9/32"	Side to side
14205	- 9/32"	x	9/32"	Back to front

COMPLETE CLAWS VENTED, WITH VALVES

	<u>Twin</u>	<u>x</u>	<u>Air</u>	<u>Stainless Air Chamber</u>
14254	- 9/32"	x	9/32"	Side to side
14259	- 9/32"	x	9/32"	Back to front
14255	- 3/8"	x	1/4"	Back to front
14256	- 3/8"	x	9/32"	Back to front
14258	- 1/4"	x	1/4"	Back to front
	<u>Twin</u>	<u>x</u>	<u>Air</u>	<u>Plastic Air Chamber</u>
14253	- 9/32"	x	9/32"	Side to side
14257	- 9/32"	x	9/32"	Back to front

NEW PROCEDURE.....TO ORDER A CLAW WITH A NON VENTED TOP...JUST ADD -NV TO THE PART # - FOR EXAMPLE: 14201-NV

REPLACEMENT PARTS FOR 300E CLAW

- 14316** - Stainless 300E top, *only, vented*
- 14314** - Stainless 300E top, *only, non-vented*
- 14312** - Stainless top bracket, *with loop for 300E claw*
- 14344** - Stainless CIP bracket

14344

CLAW TOP KITS - w/o BOWL

WITH **PLASTIC AIR CHAMBER** - SPECIFY SIZE AND STYLE NEEDED

- 13319-1** - Top kit, *for claw without valve hole*
- 14319-1** - Top kit, *for claw with valve hole* (valve not included)

WITH **STAINLESS AIR CHAMBER** - SPECIFY SIZE AND STYLE NEEDED

- 13320-1** - Top kit, *for claw without valve*
- 14349-1** - Top kit, *for claw with valve* (valve not included)

OTHER REPLACEMENT PARTS FOR 300E CLAW SOLD ON OPPOSITE PAGE

REPLACEMENT CLAWS AND PARTS FOR SURGE®

USED CLAWS AND REPLACEMENT PARTS FOR OVAL AND ECLIPSE®

We no longer have replacement Oval claws, however we have a considerable stock of Good Original Used Eclipse® Claws and still offer replacement windows, gaskets and clips

- 132000** - USED Eclipse claw, *with valve-new windows & gaskets with top hook*
- 132001** - USED Eclipse claw, *with valve-new windows & gaskets without top hook*
- 132050** - USED Eclipse claw, *without valve-new windows & gaskets*
- 132100** - USED Eclipse claw, *without valve, REVERSED NIPPLE with new windows and gaskets*
- 132150** - USED Eclipse claw, *top unload standard*

STANDARD/HERRINGBONE

REPLACEMENT CLAW PARTS

- 10442** - Window *for Oval and Eclipse ~ Molded style*
- 10449** - Black window gasket *for Oval claw (standard size)*
- 10441** - White window gasket *for Oval claw (thicker than original)*
- 10447** - Flat window clip *for Oval claw*
- 10448** - CIP hook *for Eclipse claw*
- 64601** - Repair kit *for valve (see Orbit® below)*

REPLACEMENT CLAW PARTS FOR ORBIT®

- 64587** - Top only, *with nuts*
- 64588** - Complete kit
Includes: top, nuts, screws, gasket, and the rubber grommet
- 64589** - Gasket
- 64605** - Rubber grommet for top
- 64603** - Tabbed o-ring for shutoff
- 64604** - Silicone o-ring for valve
- 64601** - Repair kit for valve *(Includes: 1-64603 and 2-64604)*
- 64610** - Insert nut for top
- 64612** - Screw for top

64588



Inserts are already included in our tops

REPLACEMENT CLAWS AND PARTS FOR BOUMATIC®

These claws are an excellent replacement choice for BouMatic® and IBA®. The windows and gaskets interchange with the original claws. Choose from either 5/8" ID or 3/4" ID. See page 11 for air tees.

"BOTTOM UNLOAD CLAWS"



10390 - 5/8" BM standard/herringbone style

10410 - 5/8" BM wide body style standard/herringbone style



10120 - 3/4" BM mid size, standard/herringbone style

10408 - 5/8" BM mid size, parallel style



BOUMATIC® STYLE

"TOP UNLOAD CLAWS"

IBA® STYLE

See page 11 for specially designed, shorter width air tees for the top unload IBA® style claws.

10222 - 3/4" mid size, parallel style

10228 - 3/4" mid size, standard/herringbone style

(THIS IS NOT A STOCK ITEM By special quantity order only.)

10495 - 5/8" standard/herringbone style, comes with stainless shutoff without window clips (flush style)



USES
SIDE X SIDE
AIR TEES
ONLY



10030 - 5/8" standard/herringbone style, comes with positive shutoff nipples and window clips

10230 - 3/4" standard/herringbone style, with window clips (THIS IS NOT A STOCK ITEM - by special quantity order only.)

10020 - 5/8" parallel style, with positive shutoff nipples, and window clips

10220 - 3/4" parallel style, with window clips (THIS IS NOT A STOCK ITEM - by special quantity order only.)



10490 - 5/8" standard/herringbone style, without window clips

REPLACEMENT CLAW PARTS FOR BOUMATIC® AND/OR IBA®

10021 - Window, for BM or IBA®

10023 - Gray window gasket, for BM or IBA®

10031 - Rubber pad, for bottom unload BM style claws (Currently only available for standard/herringbone body claws)

21912 - O-ring, for valve on 5/8" BM barrel claw (2 needed)

10033 - O-ring, for valve on 9/16" BM barrel claw (1 needed)

10034 - Tab gasket, for valve on 9/16" BM barrel claw (1 needed)

10027 - Window clip, for BM or IBA®

10028 - White top plug, for 5/8" BM or IBA®

10049 - White top plug, for 3/4" BM or IBA®

10021



10031

10023



REPLACEMENT CLAWS AND PARTS FOR FLO-STAR®

COMPLETE FLO STAR CLAWS VENTED

- 14391 - 5/8" ID Standard claw *with valve*
- 14392 - 5/8" ID Standard claw *without valve*
- 14393 - 5/8" ID Classic claw *with valve*
- 14394 - 5/8" ID Classic claw *without valve*

COMPLETE FLO STAR CLAWS NON-VENTED

- 14395 - 5/8" ID Standard claw *with valve*
- 14396 - 5/8" ID Standard claw *without valve*
- 14397 - 5/8" ID Classic claw *with valve*
- 14398 - 5/8" ID Classic claw *without valve*

CLAW TOPS

- 14429 - STANDARD top, vented
- 14430 - STANDARD top, non vented
- 14451 - CLASSIC top, vented
- 14450 - CLASSIC top, non vented

NEW

REPLACEMENT FLO STAR BASES

- 14425 - Claw base *with valve hole*
- 14426 - Claw base *without valve hole*

ORIGINAL FLO STAR® CLAW PARTS

- 04048 - Claw top, MAX, non vent, (BM #8512527)
- 04049 - Claw top, MAX, vented, (BM #8512527)

REPLACEMENT RUBBER PARTS

- 14440 - Bowl gasket
- 14431 - Top seal for **STANDARD** claw
- 14437 - Top seal for **CLASSIC** claw
- 14448 - Shutoff valve
- 14445 - Shutoff clip
- 14407 - Small center seal
- 14406 - Small o-ring for bumper shaft
- 14414 - Bumper for **CLASSIC** claw
- 14415 - Bumper for **STANDARD** claw

CLAW KITS

Kits work for the Classic and the Standard Flo-Star® Claws and 14421 also works for Flo-Star® Max

- 14421 - 6 piece claw kit
for claw without valve

INCLUDES: small center seal, bowl gasket, top seal for standard, top seal for classic, bumper o-ring, and star washer for hanger

- 14420 - 9 piece claw kit
for claw with valve

INCLUDES: small center seal, bowl gasket, top seal for standard, top seal for classic, bumper o-ring, star washer for hanger, valve spring, shutoff valve, and shutoff clip

14420



HIGHER PROFILE = STANDARD

2 1/2"



LOW PROFILE = CLASSIC

2"



MISCELLANEOUS REPLACEMENT CLAW PARTS

- 14402 - Nut, for valve
- 14449 - Valve handle
- 14403 - Washer, for claw valve
- 14408 - Stainless ring, for center seal
- 14409 - Spring, for valve
- 14410 - Stainless top knob
- 14411 - Star lock washer, for top knob
- 14412 - Stainless L hanger
- 14447 - Sleeve
- 14435 - Stainless CIP hanger, L bracket

NEW



VALVE KIT

- 14443 - Valve kit for Flo-Star®

INCLUDES:

- #1- 14449 - Valve handle
- #2 - 14402 - Nut
- #3 - 14403 - Washer
- #4 - 14409 - Spring
- #5 - 14445 - Shut off clip
- #6 - 14447 - Sleeve for shutoff
- #7 - 14448 - Shutoff valve



REPLACEMENT CLAWS AND PARTS FOR UNIVERSAL®

FULL-VIEW®

ALSO CALLED STA RITE

64578 - Complete claw, die cast base and F-V style top...*(used air tee)*

REPLACEMENT PARTS FOR F-V

- 64590** - Old style bowl, *vented*
- 64591** - New style bowl, *non-vented*
- 64592** - New style bowl, *vented*
- 64593** - Bowl, (*Radel*) *vented*
- 64585** - Gasket
- 64563** - Knurled nut
- 64582** - Stainless die cast bottom, *only*



64590

FOR PARLOR OR HERRINGBONE SYSTEMS

64592

NEW STYLE



64585



64566 - Gasket for light Universal® claw

- Back nipples are closer
- Less squawking
- Less slippage

TIDAL-FLO®

64579 - Complete claw, die cast base and T-F style top, with black manifold

64575 - Complete claw *without tee*, die cast base and T-F style top, with clear spacer (*requires a loose air tee - not shown*)



REPLACEMENT PARTS FOR T-F

- 64580** - Bowl, *vented*
- 64581** - Bowl, *non vented*
- 64585** - Gasket
- 64572** - Top stainless plate *with loop, countersunk holes*

64580



- 64556** - Top loop screw with flat head, *v shaped*
- 64583** - Top spacer *for claw bowl*
- 64564** - Small side spacer for claw bowl (*use 2 per claw*)
- 64551** - Side bolt
- 64552** - Lock nut
- 64563** - Knurled nut
- 64582** - Stainless die cast bottom, *only*
- 03903** - ORIGINAL Tidal-Flo® black manifold (Tee) 256261 DL



64563

64583



REPLACEMENT PARTS FOR WESTFALIA® BARREL CLAWS

10055

- 10062** - Window
- 10064** - Window gasket
- 10058** - Bumper, *for standard claw with smooth sides*

10059



- 10059** - Bumper, *for back flush w/grooves to hold glass*
- 10055** - Stainless valve (*replaces the plastic*)
- 10056** - O-ring, *for stainless or plastic valve*



REPLACEMENT PARTS FOR BIO® CLAWS



10071 - Window



10073 - O-ring for window

17537

- Red air bleed



- 17539** - O-ring *for red air bleed*
- 17535** - Pliers *for inflation*

ORIGINAL PARTS FOR BIO® CLAWS

- 05120** - Locking piece (7022 2614 000)
- 05123** - Center guide piece (7022 2615 000)
- 05125** - Air fork (7022 2628 050)
- 05132** - Vac-u-stop, *Pkg. of 4* (7022 9926 040)
- 05134** - Elbows, *for shell, Pkg. of 4, green 90°* (7022 9926 020)
- 05135** - Elbows, *for shell, Pkg. of 4, orange 90°*
- 05137** - Tool *for Vac-u-stop* (7027 9826 050)
- 05145** - Clear milk Y (0018 6139 820)
- 05150** - Twin milk hose, *per foot* (4021 0239 026)
- 05153** - Screen *for air bleed* (7022 2611 000)

REPLACEMENT PARTS FOR BECO® CLAWS

10066 - Window

10068 - Window gasket



10019

- Window removal tool for barrel claw



REPLACEMENT SHELLS

10010 -
Rolled edge
06 style shell



10013 -
Shell
for WF



10009 -
Shell
for BM



10015 -
Surge® "C"
shell



64529 -
Stainless weight
for plastic shell
(1 per shell)
Approx. weight 140
grams or 4.5 oz.



64533 -
Plastic shell
for gold or silver
weights



10017 -
Jet-Flo shell



GENUINE NuPULSE® SHELLS

There are 2 gauges of high quality stainless steel shells. The heavyweight 14 gauge shells are used with the NuPulse claws for a more even distribution of the total claw weight. The lightweight 16 gauge shells are used on conventional milkers and NuPulse goat claw units and are made to fit the long life NuPulse liners.

MZ10047NP - Lightweight shell

MZ20705NP - Heavy shell (Not shown)

REPLACEMENT SILICONE O-RINGS FOR VISI SHELL

10006 - Thin
10007 - Thick
10008 - Medium

REPLACEMENT AIR TEES BOTTOM UNLOADING

11470 - Back to front
for Surge® barbed, as pictured
11472 - Air tee for oval
claw, $\frac{3}{8}$ " x $\frac{9}{32}$ " smooth,
(not pictured)



11483 -
 $\frac{9}{32}$ " single tee



11480 -
 $\frac{9}{32}$ "
side to side tee



11445 -
 $\frac{9}{32}$ " for BM
Flo-Star Classic
Claw (flared)



11440 -
 $\frac{1}{4}$ " back to front tee
11420 -
 $\frac{9}{32}$ " back to front tee



11460 - $\frac{1}{4}$ " back to front tee,
standard for GM

10340 - $\frac{9}{32}$ " back to front tee,
standard for GM

10160 - $\frac{1}{4}$ " back to front tee,
for IBA®, shorter width

10170 - $\frac{9}{32}$ " back to front tee,
for IBA®, shorter width



TOP UNLOADING

11487 - $\frac{1}{4}$ " x $\frac{3}{8}$ " for Surge®
11488 - $\frac{1}{4}$ " x $\frac{3}{8}$ " for Surge®,
with extended tube for parallel style claws



11450 - $\frac{1}{4}$ " side to side
standard version

10350 - $\frac{9}{32}$ " side to side
standard version

10353 - $\frac{9}{32}$ " side to side
for $\frac{3}{4}$ " claw, wider version

10140 - $\frac{1}{4}$ " side to side
for IBA® shorter version

10150 - $\frac{9}{32}$ " side to side
for IBA® shorter version





ORIGINAL CLAWS AND PARTS

CLAWS DO NOT INCLUDE SHELLS, INFLATIONS OR AIR TUBES. UNIT KITS SOLD SEPARATELY.

Unique best describes NuPulse's milker claw selection. The key element to the NuPulse Claw is the gentle milking action that is controlled by the cow. The more milk she gives the faster the pulsator works - as her milk slows down, the pulsator slows causing less stress on the teat ends.



10001NP - Standard claw,
without valve

NuPulse's original one-line system milker uses a milk hose and no pulsation hose.

The unique vacuum balancing claw equalizes vacuum on both sides of the liner to ensure stress free healthy milking.

10067NP - MLX claw,
without valve

NuPulse's MLX (multiple line system) uses both a milk hose and pulsation hose. A solid rubber diaphragm separates the middle and base where an air bleed hole is located on the side under the claw hook.



10019NP -
Repair Kit
for standard claw

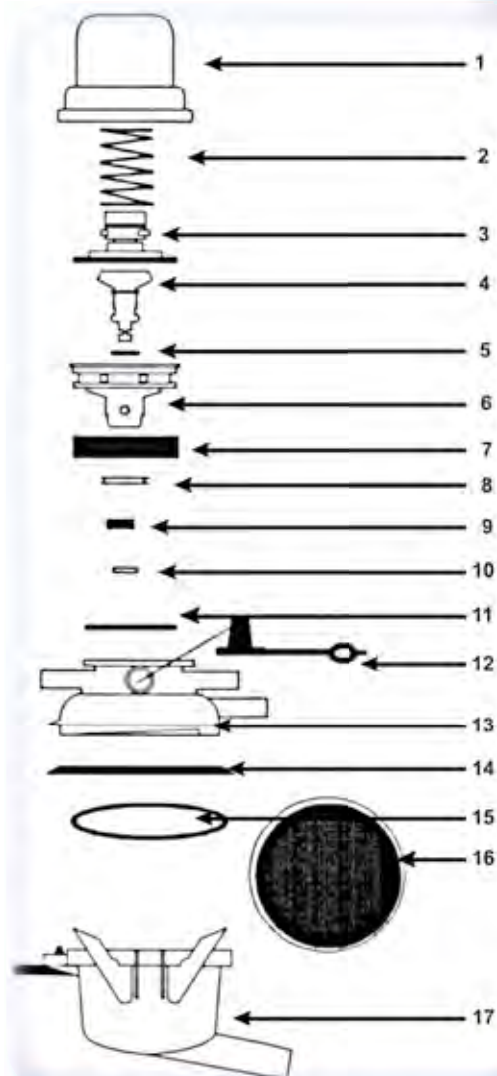


10107NP -
Repair Kit
for MLX Claw



*Standard claws consist of one milk line with NO vent.
MLX claws consist of two lines and have a bleed hole vent.*

- 1 **MZ10006NP** - Dome
- 2 **MZ10007NP** - Pulsator spring
- 3 **MZ10005NP** - Diaphragm complete
- 4 **MZ10022NP** - Bobbin *only*
- 5 **MZ10009NP** - Bobbin o-ring
- 6 **MZ10010NP** - Bobbin housing
- 7 **MZ10028NP** - Air filter
- 8 **MZ10015NP** - Bobbin housing seal
- 9 **MZ10011NP** - Bobbin valve
- 10 **MZ10012NP** - Bobbin clip
- 10008NP - Pulsator bobbin complete *includes: #4-#10*
- 11 **MZ10014NP** - Middle o-ring
- 12 **MZ10002NP** - Wash plug *with Strap*
- 13 **MZ10016NP** - Standard middle
- 13 **MZ10068NP** - MLX middle *shown*
- 14 **MZ10030NP** - Claw protector seal
- 15 **MZ10017NP** - Square base o-ring
- 16 **MZ10069NP** - MLX Diaphragm
- 17 **MZ10013NP** - Standard claw base
- 17 **MZ10070NP** - MLX standard bowl



The FulFlo claws are much like our original claw but are smokey blue/gray in color and have a deeper base with $\frac{3}{4}$ " milk outlets.

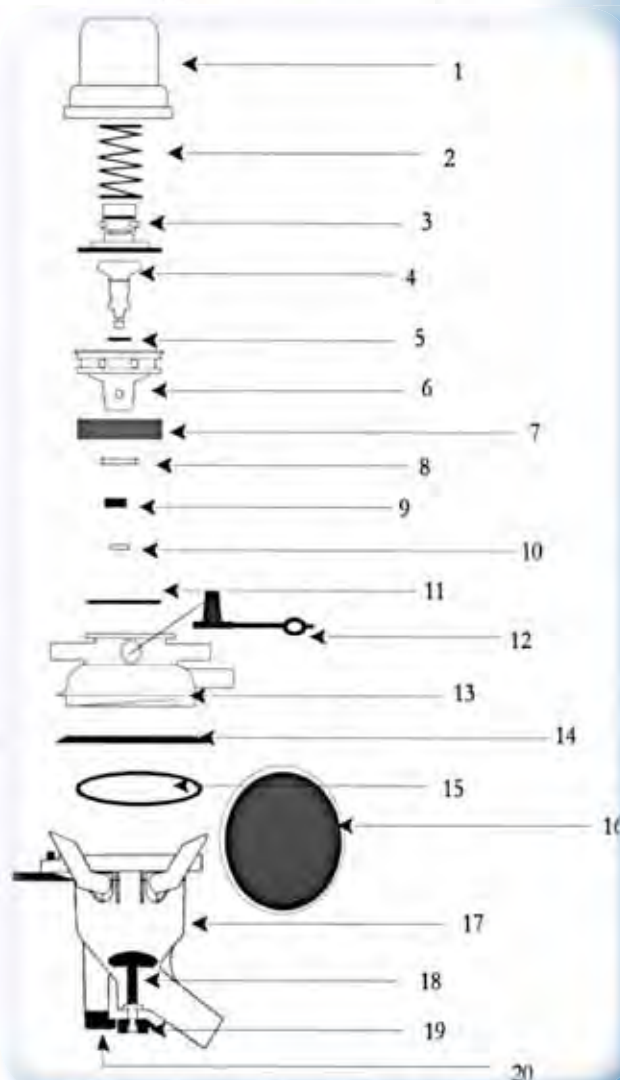
*Standard claws consist of one milk line with NO vent.
MLX claws consist of two lines and have a bleed hole vent.*

- 12000NP** - Standard claw *without* valve
- 12100NP** - Standard claw *with* valve
- 12200NP** - Standard claw *for Parallel Parlor*
- 12300NP** - Standard claw *with ShutOff for Parallel Parlor*
- 12400NP** - MLX claw *without* valve
- 12500NP** - MLX claw *with* valve
- 12600NP** - MLX claw *for Parallel Parlor*
- 12700NP** - MLX claw *with Shut Off for Parallel Parlor*

- 1 **MZ12001NP** - Dome
- 2 **MZ10007NP** - Pulsator spring
- 3 **MZ10005NP** - Diaphragm complete
- 4 **MZ10022NP** - Bobbin *only*
- 5 **MZ10009NP** - Bobbin o-ring
- 6 **MZ10010NP** - Bobbin housing
- 7 **MZ10028NP** - Air filter
- 8 **MZ10015NP** - Bobbin housing seal
- 9 **MZ10011NP** - Bobbin valve
- 10 **MZ10012NP** - Bobbin clip
- 11 **MZ10014NP** - Middle o-ring
- 12 **MZ10002NP** - Wash plug *with Strap*
- 13 **MZ12005NP** - Standard middle
- 13 **MZ12405NP** - MLX middle (*shown*)
- 14 **MZ10030NP** - Claw protector seal
- 15 **MZ10017NP** - Square base o-ring
- 16 **MZ10069NP** - MLX diaphragm
- 17 **MZ12010NP** - Standard bowl
- 17 **MZ12110NP** - Standard bowl *with Shutoff (shown)*
- 17 **MZ12210NP** - Parallel bowl
- 17 **MZ12310NP** - Parallel bowl *with Shutoff*
- 17 **MZ12410NP** - MLX bowl
- 17 **MZ12510NP** - MLX bowl *with Shutoff*
- 17 **MZ12610NP** - MLX parallel bowl
- 17 **MZ12710NP** - MLX parallel bowl *with Shutoff*
- 18 **MZ12016NP** - Shutoff valve
- 19 **MZ12017NP** - Shutoff button
- 20 **MZ12015NP** - Rubber foot
- MZ10031NP** - Rubber hook



12500NP



INFLATIONS

KLEEN-FLO® INFLATIONS

WITH A HIGHER VOLUME OF NATURAL RUBBER FOR AN EXCEPTIONAL PERFORMANCE INFLATION

We realize with the many different brands and styles of inflations already in today's market it is difficult to choose the optimal product. When you consider the various different pulsation rates and ratios, vacuum levels, claw weights, teat shapes and milker applications it's difficult to guarantee the right choice. Even though the market may offer cheaper substitutes, we realize that you will stay committed to one, if the inflation is consistent with high performance.

ALL KLEEN-FLO® LINERS

HAVE A HIGHER AMOUNT OF NATURAL RUBBER FOR CONSISTENT HIGH PERFORMANCE,
QUICK BREAK-IN TIME AND GREAT VACUUM SHUT-OFF.

"1200 MILKINGS"

25003 - Kleen-Flo® inflations, for DL 06 shell.....

FITS FLO STAR CLAWS

25004 - Kleen-Flo® B-1 inflations, for stainless BouMatic® Shell.....

LARGE BORE INFLATION

25008 - Kleen-Flo 08 inflation, with 10mm bore.....

- A LARGER BORE INFLATION FOR MORE VOLUME AND EASIER MILK FLOW
- REPLACEMENT FOR HC-O1 DL INFLATION



GENUINE NUPULSE® LONG LIFE INFLATIONS

ALL GENUINE NUPULSE® INFLATIONS ARE MANUFACTURED TO LAST 3000 COW MILKINGS.

MZ10055NP - FulFlo Super
- designed to fit larger 9/16" OD milk inlet
of the FulFlo bowl

MZ10057NP - NuPulse Super Inflation
- fits bowls with milk inlets 1/2" OD.
Included with all kits

MZ10058NP - FulFlo Short Inflation
(Not Shown) Same as MZ10055NP
but stem is 3/4" shorter than the other NP liners

MZ10050NP - Smith 16 Inflation-Small Bore
(Not Shown) Designed to fit milk inlets 7/16" OD.
Used for NP goat claws



EASY INFLATION CHANGERS

- ➔ SIGNIFICANTLY SPEEDS UP AND SIMPLIFIES INFLATION CHANGING AND THEREFORE A BIG LABOR SAVER
- ➔ PROVEN TRACK RECORD - OVER 60,000 INFLATIONS PULLED ON PROTOTYPE OVER A 2 YEAR PERIOD.

61798 - Manually Operated
for the smaller dairy



61799 - Air Operated for
the larger dairy



INFLATIONS

PKG. = PACKAGED SET OF 4 ~ BULK = 100 LOOSE PER CASE, IF 25 SETS ~ AND ~ 48 LOOSE PER CASE IF 12 SETS

FOR DELAVAL® 06 SHELL



25050
- TLC-D1
Pkg.

25053
TLC-D1
Bulk



25060
- TLCD-
2000
Bulk



25040 -
08EU-LT
Bulk



25013 -
01U
Pkg.



25010 -
01AU-LT
Pkg.

25011 -
01AU-LT
Bulk



25037
- JERSEY *Bulk*

NOT SHOWN
25034 - 05 Large
Bore - *Pkg.*

25052 - TLC-D1-V
(vented) *Bulk*

ORIGINAL INFLATIONS

03500 - WC-01 (830750090 DL)

03507 - LS-01NC (834115290 Hmny)

03508 - 08 (830480090 DL)

03510 - 6100 (830610090 DL)

03540 - 282 (313487 UN)

NuPULSE

MZ10522NP

- Red plastic
inflation
plug



18101 -

Plastic
inflation
plug



FOR BOUMATIC® SHELL



COMPATIBLE WITH THE BOUMATIC® MAGNUM RANGE

25019 - BM400M, *Bulk*

25020 - BM400M-V, (vented), *Bulk*

• *Competitively priced below other
similar liners on the market*

• *Compatible with Boumatic
stainless steel shell*

• *Accommodates a wide variety
of teat sizes*



25055 -
TLC-B1
Bulk



25017 -
B1U
Bulk

25056 -
TLC-B1-V
Bulk

FOR WESTFALIA SURGE® SHELL



25024 -
004U
For Bio's
Bulk



25054 -
TLC-S1
Bulk

FOR UNIVERSAL® SHELL

NOT SHOWN

25031 - 282U Pkg.
Fits Plastic shell

25059* - TLC-U1 Pkg.
*Triangle Inflation
for Smaller Jersey cows
ALSO fits NuPulse



CHORE BOY

12051 - Original
Case size = 12 sets

12057 - Original
Case size = 12 sets

12058 - Original
Case size = 25 sets

ORIGINAL INFLATIONS

05306 - Std. WF - Set (000) (4012-7025-000 WF/S)

05309 - BIO® - Set (004) (4014-0241-004 WF/S)

05348 - 10048 - Set (048) (7750-0010-048 WF/S)

05360 - 10060- Set (060) (7750-0010-060 WF/S)

05362 - 10062 - Set (062) (7750-0010-062 WF/S)

05363 - 10050 - Set (050) (7750-0010-050 WF/S)

05368 - 086 - Set (086) (4021-0241-086 WF/S)

05371 - 10100 - Set (100) (7750-0010-100 WF/S)

TUBING

NOTE: WE HAVE SPECIAL PRICING ON ROLLS OF TUBING
WHEN ORDERING PLEASE SPECIFY "ROLL" OR "FOOT" AMOUNT NEEDED (FOOT PRICE IS 20% MORE)

CLEAR PLASTIC (BLUE TINTED) GLITEX TUBING FOR MILK AND VACUUM LINES



PART #	ID	TYPE	AVAILABLE IN
25230	9/32"	single	100' roll
25229	3/8"	single	100' roll
25232	1/2"	single	100' and 500' rolls
25234	9/16"	single	100' and 500' rolls
25235	5/8"	single	100' and 500' rolls
25236	3/4"	single	100' and 400' rolls
25239	7/8"	single	50' roll
25237	1"	single	50' roll
25238	1 1/2"	single	50' roll
25226	1/4"	twin	100' roll
25227	9/32"	twin	100' roll
25228	3/8"	twin	100' roll

RUBBER BLUE STRIPE FOR MILK AND VACUUM LINES - AVAILABLE IN 50' ROLLS



PART #	ID	TYPE	WALL
25123	1/4"	single	
25112	1/2"	single	13/64
25114	9/16"	single	7/32
25115	5/8"	single	7/32
25116	5/8"	single	13/64
25117	3/4"	single	1/4
25118	7/8"	single	1/4
25121	9/32"	single	
25122	1/4"	twin	
25120	9/32"	twin	

PRE-CUT TUBING

- 25143 - 37" x 9/32" Rubber twin pulsation hose
- 25141 - 6' x 1/2" Rubber vacuum hose
- 25147 - 32" x 9/16" Clear milk hose
- 25145 - 32" x 5/8" Clear milk hose
- 25144 - 32" x 3/4" Clear milk hose
- 25149 - 32" x 5/8" Rubber milk hose
- 25148 - 32" x 5/8" Silicone milk hose
- 25146 - 32" x 3/4" Silicone milk hose

SILICONE TUBING

- 25102 - 7/16" Silicone tubing (100' roll) **NEW SIZE**
- 25105 - 5/8" Silicone tubing (100' roll)
- 25106 - 3/4" Silicone tubing (100' roll)

17575 - Hose Reinforcement Spring
 for 5/8" hose



PREMIUM MILK HOSE GREEN STRIPE TUBING

Our premium milk hose is made from a durable blend of rubber and synthetic materials with a thick wall to prevent premature collapsing under vacuum. This milk hose should last up to 5 years under normal usage.

MZ13162NP - 5/8" Premium rubber tubing, 63' per roll

ULTRACLEAN TUBING

65' roll - Rubber with Silicone lining

- 25124 - 5/8" (Milk Rite #6505)
- NEW SIZE** 25125 - 3/4" (Milk Rite #6511)



**NEW
ITEM**

STAINLESS NIPPLES FOR MILK HOSE

- 99890 - 2 1/2" x 5/8" ID - 3/4" OD
- 99892 - 2" x 3/4" ID - 7/8" OD
- 54630 - 4" x 5/8" ID
- 54631 - 4" x 3/4" ID
- 54632 - 4" x 7/8" ID



"CUSTOM SIZES ARE AVAILABLE"

REPLACEMENT AIR TUBES

- 25150 - 9" x 9/32" ID fits DL
- 25151 - 7 1/2" x 9/32" ID fits DL
- 25153 - 8" x 3/16" ID fits Surge®
- 25154 - 7 1/2" x 1/4" ID fits BM
- MZ13160NP** - Premium "Green Stripe" Air Tube, for 1/4" or 9/32" ID



REPLACEMENT MILK TUBES

- 25180 - MT-80 5 1/2" fits BIO®
- 25190 - MT-90 7" fits BIO®
- 25183 - 1020U fits BM
- 25187 - 04TS fits WF



SHUTOFFS

SQUEEZE CLAMPS



- 21905** - Stainless for $\frac{5}{8}$ " hose
21906 - Stainless for $\frac{3}{4}$ " hose
21904 - Stainless for $\frac{9}{16}$ " hose

21900 - Black Plastic
for $\frac{5}{8}$ " and $\frac{3}{4}$ " hose



$\frac{5}{8}$ "

- 21910** - Plastic shutoff, non vented
21903 - Plastic shutoff, vented
21907 - Tab gasket
21908 - O-ring



$\frac{3}{4}$ "

- 21925** - Plastic shutoff, non vented
21928 - Plastic shutoff, vented
21912 - Bottom o-ring
21917 - Top o-ring

$\frac{5}{8}$ "

21918 - Stainless shutoff valve,
with stop

21919 - Tab gasket

21917 - O-ring



$\frac{3}{4}$ "

21916 - Stainless shutoff valve,
with stop

21915 - Tab gasket

21909 - O-ring

QUARTER MILKER

*This rugged STAINLESS STEEL Quarter Milker is designed to last a lifetime.
The checkball system is on both milk ports in case the hoses should be assembled incorrectly.*

- 30270** - Complete Stainless Quarter Milker
30271 - Lid *only*
30269 - Stainless bucket *only*
34016 - Checkball, *with cage*
30266 - Plastic $\frac{3}{8}$ " hose connector
25195 - Lid gasket



7 Quart capacity - 16 lbs.
Overall size:
 $\frac{9}{2}$ " Wide x 15" High

*The lid for this quarter milker
features the checkball system*

*Please note that the checkballs do not guarantee to prevent milk from
going in the milk line, (especially in cases where the quarter milker is
tipped over) but they have been proven to prevent it in most cases.*



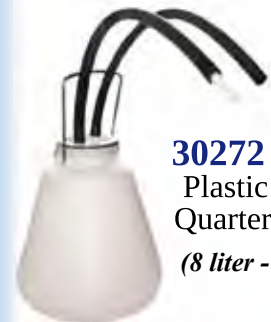
RJB QUALITY MILK ISOLATOR

- Extra large 4" opening for cleaning
- Heavy duty stainless steel bail holds lid in place
- Extra large 2 gallon capacity
- Large bore very flexible silicone hoses
- 90° elbow allows inflation to hang upright

- 76505** - Complete Quarter Milker
76508 - Bowl
76511 - Lid
76514 - Lid gasket
76517 - Silicone hose 24" (to inflation)
76518 - Silicone hose 26" (to claw)
76521 - Stainless steel elbow
76524 - Stainless steel bail



Econo QUARTER MILKER



30272 - White
Plastic Econo
Quarter Milker
(8 liter - 5 quart)

30273 - Lid, *Only*

30275 - Flat lid gasket

30276 - Lid o-ring

REPLACEMENT STALLCOCKS AND PARTS

REPLACEMENT WESTFALIA® STALLCOCK AND PARTS

- 23865** - Auto stallcock assembly
- 23866** - Stainless ball
- 23867** - Cap, *for auto stallcock*
- 23868** - Housing
- 23871** - Sealing grommet, *for auto stallcock connector*
- 23860** - Connector assembly, *with clip and gasket*
- 23861** - Rubber washer
- 23862** - Clip
- 23863** - Tube
- 23864** - Plastic bushing, *for WF clip on stallcock, connection for ½" hose*
- 23869** - Auto stallcock complete, *with original new style connection*
- 23832** - Wire cover
- 05529** - Electrical kit to add to stallcock *(7051-3200-030 WF)*

23871



23860



23865



23864



23832



REPLACEMENT SURGE® STALLCOCK PARTS

- 23929** - Stallcock kit, *(3 screws)*
- 23928** - Red tipped banana plug
- 23935** - Hex socket *for installing banana plug*
- 23942** - 2" pad *for stallcock*
- 43412** - Rubber cap
- 43413** - Ball *for square stallcock*
- 43415** - Ball *for round stallcock*

23942



23929



43412



23935



LEVER STALLCOCKS

- 23855** - Straight ¾" stallcock *(turns 9:00 to 6:00)*
- 23856** - Straight ½" stallcock *(turns 3:00 to 6:00)*
- 23857** - Angle ½" stallcock *(turns 9:00 to 6:00)*

Turning positions are figured as the thread in part at 12:00



REPLACEMENT STALLCOCKS AND PARTS

REPLACEMENT HEAVY DUTY BOUMATIC® STALLCOCKS AND PARTS

- 43260** - Thread on heavy duty stallcock
- 43256** - 2" clamp on heavy duty stallcock
- 43258** - 3" clamp on heavy duty stallcock
- 43238** - Rubber cap
- 18067** - Inside seal
- 43236** - Replacement stallcock kit, *for BM*
- 43239** - Ball
- 43234** - 2" Kit to convert thread on BM stallcock to clamp on, INCLUDES: clamp
- 43235** - 3" Kit to convert thread on BM stallcock to clamp on, INCLUDES: clamp
- 43269** - Adaptor, *only, less clamp and gasket*
- 43237** - Gasket, *for bottom of clamp on stallcock*
- 43271** - Threaded 3 - 4" line adaptor only, *for clamp on*

18067



43260



43236



43235



(7/8" x 1" with 5/8" hole)

REPLACEMENT DELAVAL® STALLCOCKS AND PARTS

- 23808** - Stallcock, *without clips*
- 23809** - Single stallcock
- 23810** - Alternating stallcock
- 23880** - Rubber ball
- 23882** - Stainless insert
- 23885** - Rubber cap
- 23887** - Electrical insulator
- 23888** - Plastic plate
- 23892** - Stainless plate
- 23893** - Stainless contact arm (*aka spring, side clip*)
- 23895** - Large screw
- 23896** - Square nut
- 23897** - Flat washer
- 23898** - Small side screw, *with tooth washer*
- 23899** - Ground screw
- 23875** - Front seal
- 21922** - Plastic hose ferrule
- 21921** - Brass hose ferrule

23880



23810



21921



23885



23875



PULSATOR ADAPTORS



23031 - Complete adaptor
for D#95 to DL bucket lid



23036
- Adaptor
for D#95 to DL
stallcock



23041
- Adaptor
for D#95 to Surge®
square nipple
stallcock



23043
- Adaptor
for D#95 to Surge®
round nipple
stallcock



23051
- Adaptor
for D#95 to BM
stallcock

23038 - Adaptor with
white plastic sleeve
for D#95 to parlor
(permanent mount)

23037
- Plastic
sleeve
only

23039
- Adaptor
only



23048
- Adaptor
for D#95 to WF
auto stallcock



23022 - Adaptor
for D#95 to WF style lid



23054 - Adaptor
for D#95 to Surge® bucket lid



23046
- Adaptor
for D#95 to
UN stallcock



23039
- Adaptor only
for D#95 to parlor adaptor
23059
- Top rubber grommet



23016 - Adaptor
for D#95 to BM style lid

23015 - Check valve

23017 - Bottom gasket

23018 - Top grommet

(Also fits
plain lid)



**REPLACEMENT
ADAPTOR AND PARTS
FOR HP® PULSATORS
TO DL LIDS**

23025 - Complete chamber
for HP to DL lid, with check valve

23030 - Chamber only

23028 - Chamber gasket

23023 - Check valve



23033
- Adaptor
for D#95 to DV300

23034
- O-ring
for DV300 adaptor

23035
- Rubber grommet

REPLACEMENT PARTS FOR DV 300

98695 - Sensor jar, (Radel)

98693 - 5/8" vertical sensor lid

20165 - Shutoff diaphragm, for sensor top

20164 - Gasket, for sensor top

20152 - O-ring rebuild kit

20161 - 3/16" tubing, for DV300 sensor

119842 - USED bellow

119843 - USED filter

03290 - Diaphragm, inside (95868901 DL)

20170 - Stainless handle for DV300 - replaces plastic one

20173 - Stainless bracket for bucket mount DV300



NEW

98695

NEW

20170



VACUUM PULSATION

D#95 PULSATORS AND PARTS

(PARTS INTERCHANGE WITH LL90®)

D#95 PULSATORS

20360 - 60:40 Pulsator

20365 - 65:35 Pulsator

20370 - 70:30 Pulsator

20372 - 50:50 Pulsator

90 ppm - for goats

PARTS FOR D#95

21412 - 60:40 slide, *only*

21455 - 65:35 slide, *only*

21451 - 70:30 slide, *only*

21452 - 50:50 slide, *only*

21453 - White felt filter, *for D#95 (pack of 12)*

21457 - White felt filter, *for D#95 (1 piece)*

21442 - New style D#95 filter holder

23102 - White silicone plug, *for single pulsation*

21404 - Side cover screw

21406 - Top cover screw

21407 - Base plate

21408 - Gasket, *for base plate*

21409 - Screw, *for base plate*

21411 - Plastic plate, *for diaphragm*

21413 - Slide holder, *for large slide*

21414 - Shaft, *for ratio slide*

21415 - Large diaphragm

21416 - Small diaphragm

21417 - Small pilot slide

21418 - Slide holder, *for small pilot slide*

21420 - Speed screw

21421 - Small side o-ring

21431 - Main pulsator housing, *only*

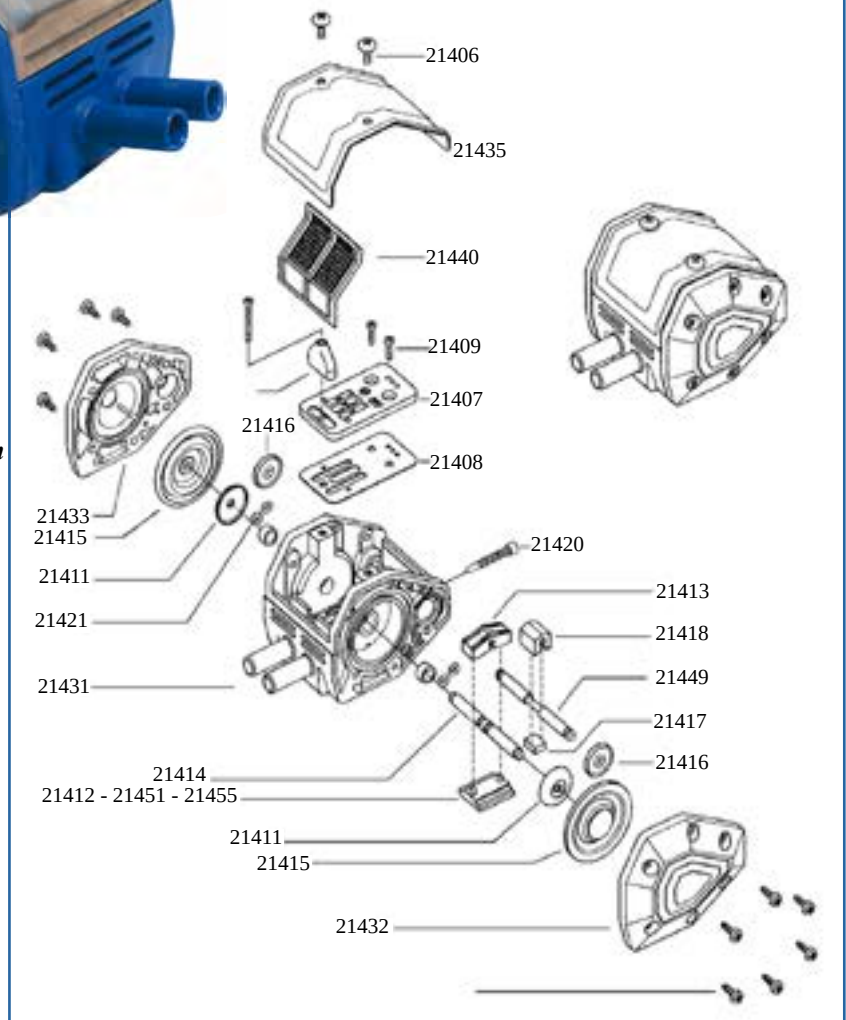
21432 - Side cover, *left side*

21433 - Side cover, *right side*

21435 - Top cover

21440 - Plastic filter holder

21449 - Shaft, *for small pilot slide*



COMPLETE REBUILD KITS FOR D#95

Includes: Felt filter, large and small diaphragms, o-rings, ratio slide, small slide, large and small slide holder, and plate gasket.



20660

- Diaphragm kits
for ITP®, D#95 and
BRK®



20661 - Full 60:40 kit

20662 - Full 65:35 kit

20663 - Full 70:30 kit

20664 - Full 50:50 kit

REPLACEMENT PARTS FOR HP®100 AND HP®102

RUBBER PARTS for HP®100 or 102

- 20142** - Diaphragm
- 20149** - Plate gasket
- 98669** - Small inner seal

CHANGEOVER ARM PARTS

- 20155** - Complete changeover arm *for HP®102*
- 20153** - Changeover arm spring *for HP®102*
- 20157** - Changeover arm spring *for HP®100*
- 20156** - Button *for HP® 100 & 102 changeover arm*
- 20143** - Hairpin clip *for HP® 100 & 102 changeover arm*
- 20151** - Bushing *for HP® 100 & 102 changeover*

CHANGEOVER SLIDE HOLDER PARTS

- 20159** - New style changeover slide *for HP® 102*
- 20148** - Short pin *for HP® 102 changeover slide holder*
- 20162** - Brass bushing *for HP® 102 changeover slide holder*
- 20147** - Changeover slide *for HP® 100 & 102*
- 20144** - Long pin *for HP® 100 & 102 changeover slide holder*

MISCELLANEOUS PARTS

- 20141** - HP® pulsator nipple, *for HP®100 or 102*
- 20146** - Brass body bushing, *for HP®100 or 102*
- 20145** - E-clip, *for HP®100 or 102*
- 20154** - Pulsator oil, *for HP®100 or 102*
- 20167** - Shaft, *for HP102*
- 20168** - Pulsator bridge, *for HP102*



20149



20142

ORIGINAL DeLAVAL® HP PARTS

For HP® 102

- 03335** - HP®102 slide holder (99621885 DL)
- 03355** - HP®102 wrench (99621680 DL)
- 03363** - HP®102 plastic cover (91706201 DL)
- 03362** - HP®102 cover clip (99620401 DL)
- 03365** - HP®102 slide seat (95857281 DL)
- 03372** - HP®102 bayonet kit (99621883 DL)

For HP®100

- 03350** - HP®100 plastic cover (95856701 DL)

For HP®100 or 102

- 03340** - HP®102 60:40 service kit (85290432 DL)
- 03341** - HP®102 65:35 service kit (85290430 DL)
- 03342** - HP®102 70:30 ratio slide (95822301 DL)
- 03368** - HP®102 large seal (99576401 DL)

ORIGINAL DeLAVAL® HP 102 PULSATORS

- 03300** - HP®102 pulsator, 60:40
- 03301** - HP®102 pulsator, 65:35 (98927187 DL)
- 03302** - HP®102 pulsator, 70:30

OHTA® PULSATOR AND PARTS

- 43075** - OHTA® Pulsator
- 43080** - Diaphragm
- 43081** - Plate gasket
- 43085** - Yellow slide
- 43065** - Box nut
- 43060** - Spring assembly
- 43061** - Spring only
- 43062** - Spring holder
- 33003** - Stainless lid nut with extension
- 43063** - Spring holder B
- 43070** - Reversing valve
- 43071** - Reversing valve holder

- 43072** - Bushing, *for changeover valve*
- 43084** - Slide holder
- 43069** - E-Clip, *small*
- 43087** - White adaptor, *for OHTA® to DL - HP® chamber*
- 43086** - O-ring, *for 43087 kit*
- 23026** - Complete chamber, *for HP® lid to OHTA®*
Assembled with #23023 check valve & #23028 gasket
- 23055** - Chamber with check valve & gasket,
for OHTA gray adaptor to DL bucket
- 43095** - Gray adaptor kit, *for OHTA® to D#95 chamber*
- 43090** - Black adaptor kit, *for OHTA® to D#95 adaptor*
INCLUDES: plastic seal, rubber seal, and screws

REPLACEMENT MAGNETIC PARTS

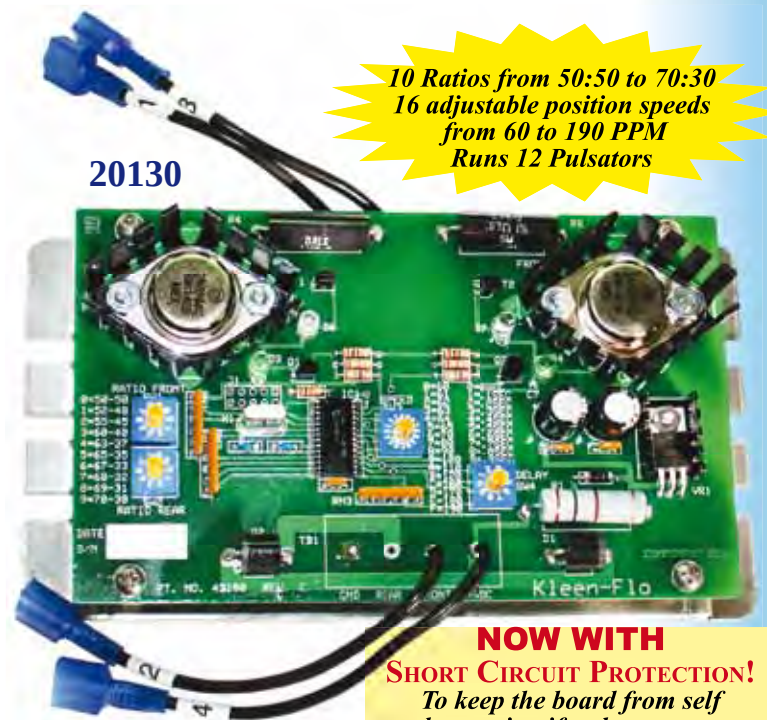
- 20130** - Magnetic pulsator board, *16VDC output*
- 20137** - Fly guard
- 20139** - Piston cap
- 33017** - Deflector
- 20133** - Spring
- 20135** - Magnet *for DL single shot*
- 20134** - Insulating plate

117601 - Rebuilt magnetic pipeline pulsator
with NEW 20135 magnet

117661 - Rebuilt magnetic bucket pulsator
with NEW 20135 magnet



20135



20130

*10 Ratios from 50:50 to 70:30
16 adjustable position speeds
from 60 to 190 PPM
Runs 12 Pulsators*

**NOW WITH
SHORT CIRCUIT PROTECTION!**
*To keep the board from self
destructing if a short occurs
in your pulsation line.*

- 43560** - 12 Gauge wire, single 12/1, *green*
- 43563** - 14 Gauge wire, single 14/1, *green*
- 43564** - 14 Gauge wire, double 14/2, *black & red*
- 43565** - 14 Gauge wire, triple 14/3, *brown, yellow & green*
- 43570** - Moisture resistant splicer for pulsation wire



43570

**SOLD BY THE FOOT
AND REEL (500')**



REPLACEMENT PARTS FOR DELLATRON® PULSATION

98960 - Repair Kit for new style Dellatron®

INCLUDES:

- 1-98946 top rubber diaphragm for N/S
- 2-98941 white axles
- 1-98947 bottom stopper with flappers
- 5-98971 base plate screws
- 2-98974 coil o-rings
- 1-98976 base mount o-ring



98968 - Repair kit for new style Dellatron® (rubber parts only)

INCLUDES:

- 1-98946 top rubber diaphragm for N/S
- 1-98947 bottom stopper with flappers



98965 - Repair Kit for old style Dellatron®

INCLUDES:

- 1-98943 top rubber diaphragm for O/S
- 2-98941 white axles
- 1-98947 bottom stopper with flappers
- 5-98971 base plate screws
- 2-98974 coil o-rings
- 1-98976 base mount o-ring



REPLACEMENT COVER KIT AND PARTS

- 98950 - Cover kit
- 98950-1 - Cover, *only*
- 98955 - Rubber boot
with stainless screw for 98950 cover
- 98951 - Blue cover gasket
- 98952 - Fresh air nipple, *only*
- 98953 - Fresh air screen, *only*
- 98954 - Blank plug, *replaces screen*
- 98949 - Grommet, *for wiring harness*
- 98948 - Screw, *for cover*
- 98978 - Top plug

NEW

98955

**REINFORCES THE TOP
COVER OF THE PULSATOR,
THEREFORE PREVENTING
OR MAYBE EVEN
ELIMINATING BREAKAGE.**



98950



REPLACEMENT DELLATRON® PULSATORS

(SC) Stallcock/Stanchion, can be moved from stall to stall ~ (B) Bayonet/Parlor, for permanent mount

- 43361 - 60:40 200SC pulsator, 12 VDC
- 43366 - 65:35 200SC pulsator, 12 VDC
- 43371 - 70:30 200SC pulsator, 12 VDC

- 43363 - 60:40 200B pulsator, 12 VDC
- 43368 - 65:35 200B pulsator, 12 VDC
- 43373 - 70:30 200B pulsator, 12 VDC

- 43350 - 100B pulsator, 12V
- 43352 - 100B pulsator, 24V
- 43355 - 100SC pulsator, 12V

43363



43361



REPLACEMENT 12VDC CIRCUIT BOARDS

- 43360 - 60:40, *with cover*
- 43364 - 60:40, *without cover*
- 43365 - 65:35, *with cover*
- 43369 - 65:35, *without cover*
- 43370 - 70:30, *with cover*
- 43374 - 70:30, *without cover*
- 43380 - 50:50, *with cover, for goats, 12VDC - 90PPM*
- 43358 - Pigtail wiring harness, *for 43360, 43365 & 43370*

43360



REPLACEMENT PARTS FOR DELLATRON® PULSATION

- 43341** - Master pulsation controller, 12VDC
- 43342** - Master pulsation board, 12VDC
- 43343** - Transformer, for Master controller
- 43346** - Master pulsation controller, 24VDC
- 43347** - Master pulsation board, 24VDC
- 43338** - Replacement dip switch for control box
(Works for old style board with orange terminal blocks, 60:40 and 70:30 and for new style board with green terminal blocks, 60:40, 65:35 and 70:30)
- 43337** - 30V Capacitor, 30000UF, for 43341 & 43346
- 43336** - Capacitor Mounting Clamp
- 99718** - Acme® transformer, with 30 amp breaker switch, 500 watts, 12 volt - DC or AC

**10 Ratios from 50:50 to 70:30
16 adjustable position speeds
from 60 to 190 PPM
Runs 20 Pulsators
Voltage input 120**



43341

NOW WITH SHORT CIRCUIT PROTECTION!
To keep the board from self destructing if a short occurs in your pulsation line.

DELLATRON® REPLACEMENT PARTS

- 43310** - Base, for bayonet pulsator
- 43311** - Bayonet base kit
- 43308** - Threaded bayonet base mount
- 43313** - Bayonet bracket

99718



43338

- 43320** - Base, for stallcock pulsator
- 43322** - Stallcock base kit
- 43324** - Base slide for stallcock, with wear guards & contacts
- 43327** - Right hand contact pin, for stallcock mount
- 43328** - Left hand contact pin, for stallcock mount
- 43331** - Right hand guard, for stallcock mount
- 43332** - Left hand guard, for stallcock mount

- 43305** - White base plate
- 98971** - Screw, for white base plate
- 98976** - Base o-ring, for 100B & 200B
- 43307** - Rubber bumper, for bayonet bracket
- 43398** - Fresh air nipple, with grommet
- 43302** - Blue base clip
- 98669** - Seal

43308



43343



43305



43357



- 43359** - Cover, for 43361, 43366 & 43371
- 43356** - Cover, for 43363, 43368 & 43373
- 43357** - Wire & connector, for Dellatron 200B pulsator - 54" for Stanchion
- 43357-1** - Wire & connector, for Dellatron 200B pulsator - 72" for bucket
- 98700** - 2-strand 18GA power wire
- 98956** - Wiring harness, for Dellatron 100's, 18" - Custom Lengths Available
- 98957** - Wiring harness, for Dellatron 100's, 5'

- 43315** - 12 volt DC coil (black)
- 98395** - 24 volt DC coil (red)
- 98974** - Coil o-ring
- 43317** - Magnetic plate, for coil
- 98703** - Flag terminal

43315



98395



43317



REPLACEMENT PULSATION PARTS FOR BOUMATIC®

120 or 240
volt pulsation
plastic box
comes with
a 12-unit
Kleen-Flo
circuit board
for BouMatic®
pulsation.
*18-month
limited
warranty.



- Powered by 48VCT Transformer
- Will work for goats & sheep
- Ratios are individually adjustable

NOW WITH SHORT CIRCUIT PROTECTION!

To keep the board
from self
destructing
if a short occurs
in your
pulsation line.



10 Ratios from 50:50 to 70:30
16 adjustable position speeds from 60 to 190 PPM
Runs 12 Pulsators

43200 - Kleen-Flo® B pulsation controller, 24VDC output

43205 - Kleen-Flo® B pulsation controller, LESS circuit board

43195-67 - Kleen-Flo® pulsation board,
67 PPM, 22VDC output

43195 - Kleen-Flo® pulsation board

43201 - Transformer for 120 or 240 volt

BOUMATIC® STYLE REPLACEMENT PULSATORS

43185 - Stanchion barn model, less fresh air

43184 - Stanchion barn model, with fresh air

43186 - Parlor model, with fresh air, pipe and plug

43187 - Parlor model, less fresh air, with pipe and plug

REPLACEMENT PARTS FOR BM PULSATORS

43215 - Black coil for BM pulsator, HI FLO

43217 - Black coil for BM pulsator, STANDARD

43216 - Pulsator base, INCLUDES: black center nut

43229 - Dust cap for old style pulsator

43218 - Foam filter for kit

43219 - Nut/plug, for bottom of pulsator base

43171 - Rubber side plug, for Surge pulsator base

43248 - Front rubber nipple protector

43223 - Stainless cover, for standard pulsator

43222 - Cover for pulsator, with stainless fresh air nipples, Includes: O-rings

43226 - O-ring, only ~ sold individually

43251 - Spring, for BM style pulsator nipple

43252 - Long screw, for BM style pulsator

43253 - Medium screw, for BM style pulsator

43254 - Short screw, for BM style pulsator

43255 - Star washer, for BM style pulsator screw

43245 - Repair kit for BM style pulsator

18 PIECE INCLUDES: 2 pistons, 2 coil seals, 1 front seal,
foam filter, 4 screws, 4 washers, 2 side plugs and spring

43240 - Repair kit for BM style pulsator

5 PIECE INCLUDES: 2 pistons, 2 coil seals, 1 front seal

43232 - Coil seal

43233 - Front nipple seal

43231 - Piston assembly

43241 - Cap, for piston

43242 - Top plug, for old style piston

The parlor model
pulsator includes
a rubber front
protector seal and
a threaded 1/2"
pipe to mount the
pulsator on the
line.



43248



43222



43240



43260

- Thread on heavy
duty stallcock
for BM style pulsator

43236

- Repair kit
for BM stallcock

43238

- Rubber cap
for BM stallcock

18067

- Inside gasket
for BM/CB stallcock

REPLACEMENT PULSATOR PARTS FOR UNIVERSAL®

98939 - 5 piece repair kit for blue Model 87, 5000 or 6000 pulsators

INCLUDES: 2 piston assemblies, 2 teardrop gaskets and 1 stallcock seal.

98937 - Teardrop gasket

98936 - Stallcock seal

98935 - Complete piston (2 needed)

43241 - Bottom piston cap (2 needed)

98934 - Top plug for UN style piston

98932 - Plastic nut

43656 - 55:45 Board, *only for blue UN pulsator*

43655 - 55:45 Base, *only for blue UN pulsator*

43660 - 60:40 Board, *only for blue UN pulsator*

43661 - 60:40 Base, *only for blue UN pulsator*

03930 - ORIGINAL Cover kit (405084 DL)

PULSATORS

174010 - 60:40 model 6000 stanchion UN pulsator, *with used OEM coil*

174020 - 55:45 model 5000 stanchion UN pulsator, *with used OEM coil*

98939



43661

174010



STRANGKO® PULSATOR REBUILD KITS

NEW STYLE

43275

PLEASE CHECK YOUR COIL SHAPE BEFORE ORDERING

EACH KIT INCLUDES:

2-Coil Base Gasket, 1-Nipple Gasket, 4-SS Washer, 2-Pistons, Rubber Insert, 2-Piston and 2-Piston Bottom Rubber Cap

EACH KIT INCLUDES:

2-Coil Base Gasket, 1-Nipple Gasket, 4-SS Washer, 2-Pistons, 2-Top Rubber Insert, 2-Bottom Rubber Cap and 3-Extension Washers

OLD STYLE

43280

LL90® PULSATORS AND PARTS FOR INTERPULS®

23060 - 60:40 pulsator

23065 - 60:35 pulsator

23070 - 70:30 pulsator

23075 - 60:40 pulsator, *with 4 ports*

21454 - Replacement Molded Filter, *for LL90®*

COMPLETE REPLACEMENT REBUILD KIT FOR LL90®

Includes: Molded filter, large & small diaphragms, o-rings, ratio slide, small slide, large & small slide holder, & plate gasket

20670 - 60:40

20671 - 60:35

20672 - 70:30

21454



FOR FRESH AIR SYSTEM

43550

- Pulsation Fresh Air Filter for 3" PVC line

43553

- Clear cover for fresh air filter

17830

- Replacement filter cartridge only



REPLACEMENT ALTERNATING PULSATORS AND PARTS FOR SURGE®

- 43160 - SQUARE nipple pulsator, standard
- 43165 - ROUND nipple pulsator, standard
- 43155 - PARLOR style pulsator, standard
- 43156 - PARLOR style pulsator, fresh air
- 43115 - Black coil
- 43151 - Spring for square & round nipple pulsator
- 43153 - Spring for original square nipple pulsator
- 43162 - Square nipple base *with pin*
- 43167 - Round nipple base *with pin*
- 43157 - Parlor style pulsator base
- 43124 - Center contact pin for parlor pulsator
- 43135 - Side contact pin for square nipple
- 43145 - Side contact pin for round nipple
- 43125 - Side contact pin for parlor style
- 43105 - Repair kit for pulsator, *4 piece kit*
- 43106 - Repair kit for parlor pulsator, *INCLUDES: flat & lock washers*
- 43173 - Threaded bottom plug
- 43137 - Standard cover
- 43175 - Square nipple pulsator seal
- 43178 - Round nipple pulsator seal
- 43104 - Piston, *with rubber parts*
- 43107 - Bottom cap, *for piston*
- 43108 - Top cap, *for piston*
- 10600 - Fresh air cover *for alternating pulsators, INCLUDES: 2 - o-rings*
- 43102 - O-Ring, *for piston kits*
- 10601 - O-Ring, *for fresh air cover*
- 43118 - Cover screw
- 43252 - Long screw
- 43255 - Star washer
- 43149 - Knob, *for parlor pulsator*

43160



43156



43115



43106



43175



43178



43101



43105



43190



10 Ratios from
50:50 to 70:30
16 adjustable position
speeds from
60 to 190 PPM
Runs 12 Pulsators

MISCELLANEOUS REPLACEMENT PARTS

- 85365 - 60 PPM resonator for circuit board
- 43110 - Push in bulb, *for pulsation box, newer style*
- 91819 - Turn in bulb, *for pulsation box*
- 43111 - Rectifier, 50 amp, *for pulsation box*
- 43112 - Rectifier, 35 amp, *for pulsation box*
- 43114 - Breaker switch, *for pulsation box*
- 43113 - Breaker switch, *for large gray pulsation box*
- 43101 - Repair kit, *for old style bucket pulsators*

- 43192 - Kleen-Flo® S pulsation controller, *COMPLETE, 24VDC output*
- 43190 - Kleen-Flo® S pulsation board, *24VDC output*
- 43193 - Kleen Flo® S pulsation controller, *LESS board, with plastic enclosure*
- 43194 - Transformer, *for Surge pulsation box, 120volt*

**NOW WITH
SHORT CIRCUIT
PROTECTION!**

*To keep the board
from self
destructing
if a short occurs
in your
pulsation line.*

43192



REPLACEMENT CONVERSION KITS FOR SURGE®

These kits are designed to convert an alternating Surge® stanchion barn style pulsator into a parlor style, without having to buy a new base or complete pulsator

- 43130** - Round nipple kit, *only available in this style with the extended bar for the ground screw*
- 43120** - Square nipple kit, *with extended bar for ground screw • This kit is designed for the earlier version of this pulsator, which does not have a stainless plate molded into the base between the coil and the base.*
- 43122** - Square nipple kit, *short version • This kit is designed for the newer style pulsators that have a stainless steel plate between the coil and base for the ground screw to thread into.*
- 43132** - Parlor conversion kit, *for round or square style pulsators*

MISCELLANEOUS PARTS FOR WESTFALIA® PULSATORS

REPLACEMENT PARTS FOR VISOTRON® & AUTOTRONIC®

17515 - Rebuild kit for Visotron®

INCLUDES:

- 1 - 17512 dome gasket
- 4 - 17514 piston caps
- 2 - 17516 coil o-rings
- 1 - 17526 o-ring for mount or lid base
- 1 - 23871 sealing grommet for auto stallcock connector
- 1 - 91831 push button cover



- 17514** - Piston cap only, *for Visotron® and Autotronic®*
- 17516** - Coil o-ring, *for Visotron® and Autotronic®*
- 17512** - Dome gasket, *for Visotron®*
- 17518** - Hangers, *for Visotron®, heavy duty*
- 17511** - Wire, *for Visotron®, 40" section*
- 91819** - Bulb, *for Visotron®*
- 91830** - Push button
- 91831** - Push button cover
- 99716** - 20 AMP 24 Volt Acme transformer

ORIGINAL VISOTRON® PARTS

- 05755** - Hose for Visotron®, *per foot (7051-2635-018)*
- 05764** - Electrode (0005-3830-650)
- 05765** - Red lamp assembly (0005-3768-900)
- 05768** - Red lens (0005-1342-910)
- 09115** - Toggle switch cover (0005-3380-700)
- 09116** - Toggle switch (0005-4169-000)
- 05780** - 5/8" Front cover (7051-5446-220)
- 05542** - Solenoid plate gasket (7051-9926-070)
- 05546** - Top sealing plate gasket (7051-9926-040)
- 05549** - Bottom sealing plate gasket (7051-9926-030)

REPLACEMENT PARTS FOR VACUPULS® PULSATORS

- 17520** - Filters (*pack of 12*)
- 17541** - Screw, *for cover*
- 17542** - Longer screw, *for cover*
- 17543** - Disc, *for GOLD*
- 17545** - Disc, *for STANDARD*
- 17548** - Disc, *for SMALLEST HOLE*
- 17550** - Diaphragm, *large*
- 17552** - Diaphragm, *small*
- 17555** - O-ring
- 20145** - E-clip
- 17558** - Seat screw
- 17557** - End cap screw



17520

ORIGINAL VACUPULS® PARTS

- 05660** - 60:40 Pulsator (7041-2700-600)
- 05667** - 67:33 Pulsator (7041-2700-560)
- 05640** - 60:40 Slide (7041-2711-020)
- 05633** - 67:33 Slide (7041-2711-040)
- 05611** - Magnet (7041-9926-020)
- 05614** - Plate gasket (7041-2479-000)
- 05615** - Slide seat (7041-2719-090)
- 05618** - Cover (7041-2718-050)
- 05619** - Filter holder (7041-2187-010)
- 05620** - Changeover (7041-2215-030)
- 05609** - Plastic Cir clip (7041-2745-020)
- 05622** - Control slide (7041-2711-050)

- 17525** - Mounting bases for Autopuls® and Stimopuls®
- 17517** - Hangers for Stimopuls®, *heavy duty*
- 17507** - O-ring for inline WF Pulsator filter screen
- 17508** - O-ring for inline WF Pulsator filter housing
- 17500** - Rebuild kit for Autopuls and Apex pulsators
- 17501** - Gasket kit for Autopuls® and Stimopuls®
INCLUDES: solenoid plate gasket, bottom sealing plate gasket and top sealing plate gasket
- 09564** - Check valve plate, (7051-1477-000)
- 09566** - Inline filters, *for pulsation hose (pack of 2), (7051-9926-000)*



17525

17500



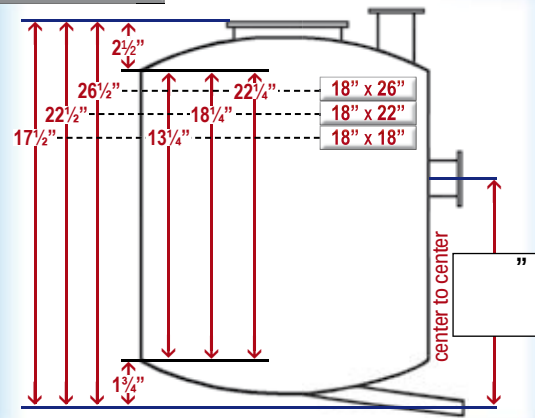
BLANK RECEIVER CUSTOM ORDER FORM

ALL RECEIVERS COME WITH A LID AND 1 1/2" PROBE HOLE
DRAWINGS AVAILABLE UPON REQUEST
ANY QUESTIONS CALL LEVI @ 1-800-768-0887

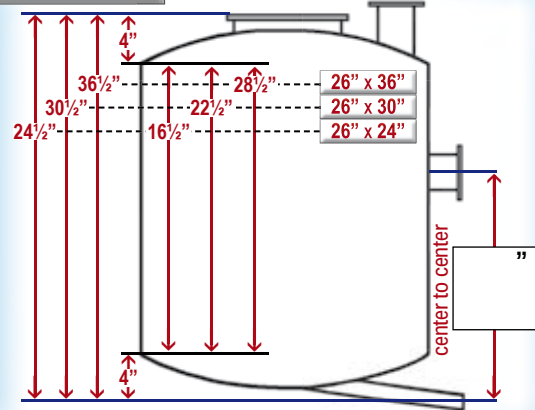
TO ORDER A CUSTOM RECEIVER, PLEASE FILL OUT ALL APPLICABLE INFORMATION ON THE FORM AND THEN SIGN AND RETURN TO US.

- 20105** - 18" x 18" receiver, *fixed bottom, without trap outlet*
- 10081** - 18" x 22" receiver, *horizontal swivel bottom, with 3" trap outlet*
- 10083** - 18" x 22" receiver, *vertical swivel bottom, with 3" trap outlet*
- 10087** - 18" x 22" receiver, *fixed bottom, with 3" trap outlet at 4:30*
- 20095** - 18" x 22" receiver, *fixed bottom, without trap outlet*
- 20263** - 18" x 26" receiver, *fixed bottom, without trap outlet, with 1 1/2" milk pump outlet*
- 20264** - 18" x 26" receiver, *fixed bottom, without trap outlet, with 2" milk pump outlet*
- 20270** - 18" x 26" receiver, *horizontal swivel bottom, with 3" trap outlet*
- 20272** - 18" x 26" receiver, *horizontal swivel bottom, no trap outlet*
- 20290** - 26" x 24" receiver, *fixed bottom, without trap outlet with 1 1/2" milk pump outlet*
- 20291** - 26" x 30" receiver, *fixed bottom, without trap outlet with 2" milk pump outlet*
- 20292** - 26" x 24" receiver, *fixed bottom, without trap outlet with 2" milk pump outlet*
- 20293** - 26" x 36" receiver, *fixed bottom, without trap outlet with 2" milk pump outlet*
- 20277** - Receiver for swing parlor, *without trap outlet*
- 20280** - Master number for Standard ferruled inlet
Please add on: **-1.5, -2, -2.5, -3 or -4*** after Master part# to get right size and price
- 20284** - Master number for ferruled inlet with 45° elbow
Please add on: **-1.5, -2, -2.5, -3 or -4*** after Master part# to get right size and price
- 20287** - Master number for Parallel inlets welded on custom receivers
Please add on: **-1.5, -2, -2.5, -3 or -4*** after Master part# to get right size and price
**For example: 20280-1.5*
- 20288** - Master number for top inlet welded on receiver
Please add on: **-1.5, -2, -2.5** after Master part# to get right size and price
- 20289** - Master number for trap outlet welded on receiver
Please add on: **-3 or -4** after Master part# to get right size and price

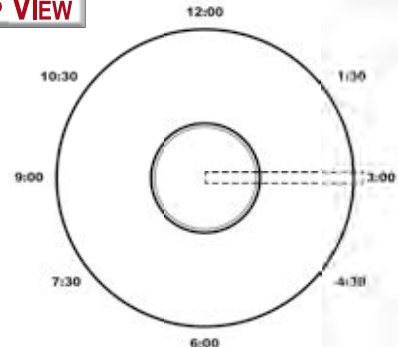
18" SIDE VIEW



26" SIDE VIEW



TOP VIEW



18" x 18" =
16 Gallons/60 Litres

18" x 22" =
21 Gallons/79 Litres

18" x 26" =
26 Gallons/98 Litres

26" x 24" =
48 Gallons/181 Litres

26" x 30" =
61 Gallons/230 Litres

26" x 36" =
75 Gallons/284 Litres

Date: _____ PO#: _____

Business &/or Contact Name: _____

Phone#: _____ Fax#: _____

Receiver Part #: _____ Milk Pump Outlet Size: _____

Signature: _____

	Part # of Inlet	Side/Top	Location	Size
A.				
B.				
C.				
D.				
E.				
F.				

LOWLINE RECEIVER GROUP PACKAGES

RECEIVER OPTIONS

20400 - OPTION 1

INCLUDES:

- 10084 - 18" x 22" - 3" corner receiver with 45° 3" inlets
- 10086 - Clear lid with gasket
- 20225 - 3" poly trap and bend
- 20199 - Stainless stand with adjustable milk pump plate
- 54323 - 3" clamp
- 54329 - 3" gasket

20402 - OPTION 2

INCLUDES:

- 10085 - 18" x 22" - 3" receiver w/straight inlets at 3:00 & 9:00
- 10086 - Clear lid with gasket
- 20225 - 3" poly trap and bend
- 20199 - Stainless stand with adjustable milk pump plate
- 54323 - 3" clamp
- 54329 - 3" gasket

20403 - OPTION 3

INCLUDES:

- 10087 - 18" x 22" - 3" blank receiver with 3" trap outlet
(see page 28 for custom order form
- custom ferruled inlets can be added)
- 10086 - Clear lid with gasket
- 20225 - 3" poly trap and bend
- 20199 - Stainless stand with adjustable milk pump plate
- 54323 - 3" clamp
- 54329 - 3" gasket

MOTOR OPTIONS

20406 - OPTION 1 - E-ZEE 1 HP GROUP

WITH VARIABLE SPEED DRIVE (DUAL RATED 1 & 3 PHASE)

INCLUDES:

- 10402 - Wall mount milk pump with Sterling 3 phase 1 HP motor
- 35005NP - ImPulse III variable speed milk pump controller
- 35002NP - 24" probe assembly with float for ImPulse III
- 10417 - Milk pump flapper valve
- 78460 - Drain assembly with 1½" elbow and drain tubing
- 17130 - Heavy duty 1½" clamp
- 54320 - 1½" V-insert clamp
- 54326 - 1½" gasket

20407 - OPTION 2 - 1 HP DL STYLE GROUP (1 PHASE)

INCLUDES:

- 10434 - Wall mount milk pump with Sterling 1 phase 1 HP motor
- 20324 - Kleen-Flo Liquid level control box (DL style)
- 20349 - 19" DL style probe assembly (*please specify if you need another size - also available 20345 - 16" or 20346 - 22½"*)
- 10416 - Milk pump flapper valve
- 78460 - Drain assembly with 1½" elbow and drain tubing
- 17130 - Heavy duty 1½" clamp
- 54320 - 1½" V-insert clamp
- 54326 - 1½" gasket

IF YOU NEED 3 PHASE PLEASE ORDER PART 20298

20408 - OPTION 3 - 1 HP BM STYLE GROUP (1 PHASE)

INCLUDES:

- 10186 - 4" Milk pump assembly with Sterling 1 phase 1HP motor
- 20307 - Kleen-Flo Liquid level control box (*BM style*)
- 20010 - Probe assembly with float
- 10417 - Milk pump flapper valve
- 78460 - Drain assembly with 1½" elbow and drain tubing
- 17130 - Heavy duty 1½" clamp
- 54320 - 1½" V-insert clamp
- 54326 - 1½" gasket

IF YOU NEED 3 PHASE PLEASE ORDER PART 20294



IF YOU NEED A COMPLETE RECEIVER GROUP:

ORDER ONE PART NUMBER
FROM THE RECEIVER OPTIONS COLUMN,
AND ONE PART NUMBER FROM
THE MOTOR OPTIONS COLUMN.

Note: If you need three phase power, please order the specified part numbers which will include the correct three phase components.

FIXED BOTTOM RECEIVERS AND PARTS

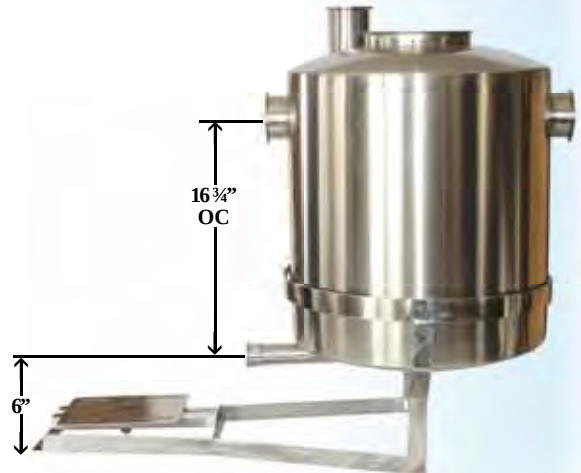
*All fixed bottom receivers come with a horizontal outlet and are 16 gauge stainless.
Please see page 30 for our blank receiver order form.*

10085 - 18" x 22" receiver with 3" x 3" x 3" straight inlets
@ 3:00 & 9:00 and trap outlet @ 4:30

10084 - 18" x 22" receiver with 3" x 3" x 3" 45° inlets
@ 1:30 & 7:30 and trap outlet @ 4:30

10087 - 18" x 22" receiver, with blank inlets
and trap outlet @ 4:30

20116 - 18" x 18" fixed bottom receiver with 3" x 3" x 3"
45° inlets @ 1:30 and 7:30 and trap outlet @ 4:30



20189

- Receiver stand w/o milk pump plate, for 18" receivers

20186

- Receiver stand w/o milk pump plate, for 26" receivers

20199- Receiver stand with adjustable milk pump plate for 18" receivers

20187 - Receiver stand with adjustable milk pump plate for 26" receivers

20193 - Leg set to make receiver stands adjustable. *(Not included with receiver stands)*

20196 - Angle brackets to convert to a highline receiver stand



RECEIVER LIDS

(LIDS COME WITH GASKET)

10086 - 7" lid, with 1½" probe hole - 7"ID - 8"OD

10076 - 7" lid, without probe hole - 7"ID - 8"OD

10074 - 6½" lid, with 1½" probe hole - 6 ⅜"ID - 8"OD

20295 - 10" lid, with 1½" probe hole - 9"ID - 10"OD

20297 - 10" lid, without probe hole - 9"ID - 10"OD

25199 - Gasket for 7" lid, 6 ⅜"ID - 7 ⅞"OD (1047)

25196 - Gasket for 6½" lid, 6 ⅜"ID - 7 ⅞"OD (1041)

20299 - Gasket for 10" lid, 8½"ID - 9 ⅝"OD



10086

MISCELLANEOUS REPLACEMENT RECEIVER STANDS

20180

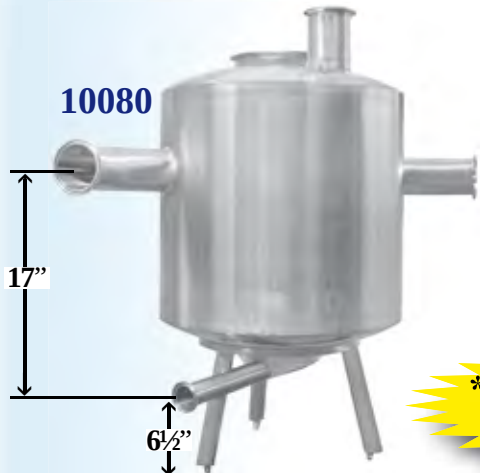
- Stand for 27000 receiver jar, stainless steel

19910

- Stainless motor mount bracket for UN receiver panel

SWIVEL BOTTOM RECEIVERS AND PARTS

We include the swivel bottom, gasket, 3 nuts and the 3 holders with all our swivel bottom receivers. Please see page 30 for our blank receiver order form.



10080

10080 - 18" x 22" receiver 3" x 3" x 3" with 45° inlets @ 1:30 and 7:30, horizontal swivel bottom and trap outlet @ 4:30

10078 - 18" x 22" receiver 3" x 3" x 3" with 45° @ 1:30 and 7:30, vertical swivel bottom and trap outlet @ 4:30

10081 - 18" x 22" blank receiver, with horizontal swivel bottom and 3" trap outlet

**** OUR RECEIVERS ARE MADE OF 16 GAUGE STAINLESS ****

10082



10082 - 18" x 22" receiver 3" x 3" x 3" with straight inlets @ 3:00 & 9:00, vertical swivel bottom and trap outlet @ 4:30

10075 - 18" x 22" receiver 3" x 3" x 3" with straight inlets @ 3:00 & 9:00, horizontal swivel bottom and trap outlet @ 4:30

10083 - 18" x 22" blank receiver, with vertical swivel bottom and 3" trap outlet



10620 - Blue stand for highline swivel bottom receiver



10089 - Swivel bottoms only, with vertical outlet



10088 - Swivel bottom only - 1 1/2" for lowline receiver jar, horizontal outlet

10096 - Swivel bottom only - 2" for lowline receiver jar, horizontal outlet



10615 - Adaptor plate to mount various milk pumps to DL Bracket



10079 - Gasket for swivel bottom

Not Shown

10091 - Half moon plate for swivel bottom receiver

10092 - Stainless wing nut for swivel bottom receiver

10093 - Stainless set screw for swivel receiver wingnut



118510 - Stainless highline bracket for DL receiver group

**NOT NEW
USED - REFURBISHED
Does not come with cushions.**

10613 - Cushion for mounting 118510 stainless bracket to 10620 stand



10618 - Grommet for mounting glass jar to 118510 bracket



10610 - Blue coated stand for swivel receiver, for lowline

MOISTURE TRAPS AND REPLACEMENT PARTS

3" WHITE RIPPLED MOISTURE TRAP AND PARTS

- 20225** - Complete assembly, *with bend as seen in picture*
- 20230** - Complete assembly, *with beaded 3" ferrule on J-bend for Surge®*
- 58605** - Complete assembly, *without bend*
- 20223** - Hose clamp, *(4 needed)*
- 20224** - Stainless J Bend, *only, with tri clamp ferrule*
- 20231** - Stainless J Bend, *only, with Surge® style ferrule*
- 20412** - White moisture trap body
- 20413** - PVC sleeve
- 20415** - 4½" ID pipe sleeve, *for top vacuum port*
- 20417** - 3¾" ID pipe sleeve, *for side port*
- 18037** - Duckbill drain
- 20227** - Rubber cover, *for white ripple trap*
- 23250** - 4" plastic trap ball



20225

STAINLESS VERTICAL MOISTURE TRAPS

TRAP ASSEMBLIES

- 22507** - 12 Quart Trap Assembly, *with 3" Clamp X Thread 180 degree trap bend*
- 22509** - 16 Quart Trap Assembly, *with 3" Clamp X Thread 180 degree trap bend*

TRAPS LESS TRAP BEND

- 22500** - 12 Quart Trap Assembly, *with Clear Plastic Cover w/Gasket, Stainless Cage w/Ball, Check Valve and PVC Adaptor*
- 22505** - 16 Quart Trap Assembly, *with Clear Plastic Cover w/Gasket, Stainless Cage w/Ball, Check Valve and PVC Adaptor*

PARTS FOR VERTICAL MOISTURE TRAPS

- 22510** - Stainless 180° Trap Bend *Clamp x Thread*
- 22515** - Stainless 90° Trap Bend *Clamp x Thread*
- 22520** - Stainless 45° Trap Bend *3" SS Flange x Thread*
- 22530** - Stainless Body *for 16 Quart Trap*
- 22533** - Stainless Body *for 12 Quart Trap*
- 22535** - Clear plastic cover, *with 3" holes, and gasket*
- 22537** - Stainless Cage
- 22539** - PVC Adaptor, *for 3"*
- 20183** - Moisture trap check valve
- 20299** - Gasket *only, for Clear Plastic Cover*
- 23250** - 4" Plastic trap ball



NEW

A Comparable Stainless Replacement for the White Rippled Moisture Trap

22505

Close up of the inside, showing baffle.

22500

22510

22535

CUSTOM MOISTURE TRAP

- 20250** - Blank horizontal moisture trap, *with lid, gasket and plastic ball*
- 20275** - 3" NPT threaded outlet welded on moisture trap
- 20276** - 4" NPT threaded outlet welded on moisture trap
- 20278** - 4" Tri clamp inlet welded on moisture trap
- 20278-1** - 4" Tri clamp outlet welded on moisture trap
- 20279** - 3" Tri clamp inlet welded on moisture trap
- 20279-1** - 3" Tri clamp outlet welded on moisture trap

**SEE PAGE 141
FOR CUSTOM MOISTURE
TRAP ORDER FORM**

MOISTURE TRAPS AND REPLACEMENT PARTS

12" x 24" HORIZONTAL MOISTURE TRAPS

- 20200** - 3" thread x clamp Moisture trap with 4" plastic ball, lid and gasket
20205 - 4" thread x clamp Moisture trap with 5" plastic ball, lid and gasket
20252 - 3" clamp x clamp Moisture trap with 4" plastic ball, lid and gasket
20257 - 4" clamp x clamp Moisture trap with 5" plastic ball, lid and gasket

12" x 18" HORIZONTAL MOISTURE TRAPS

- 20258** - 3" thread x clamp Moisture trap with 4" plastic ball, lid and gasket

MOISTURE TRAP PARTS

- 20204** - Lid, with gasket for horizontal trap
20202 - Gasket, only, for horizontal moisture trap, 11" ID - 13" OD

MOISTURE TRAP FLOAT/BALLS

- 23253** - 4" stainless trap ball, for 3" trap
23250 - 4" plastic trap ball, for 3" trap
23251 - 5" plastic trap ball, for 4" trap
23252 - 6" plastic trap ball



20212

- Trap Bend for 3" horizontal trap, shorter version



20210

- Trap Bend for 3" horizontal trap



20215

- Trap Bend for 4" horizontal trap



20234

- Gasket for 2" blue BM moisture trap



10625

- Check valve for 3" DL Trap



10163

- Rubber drains for 2" DL moisture trap



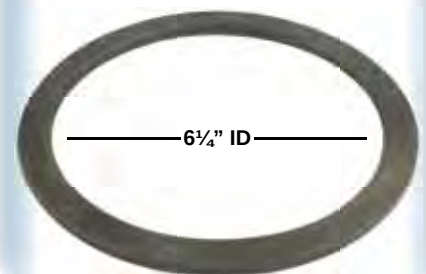
20183

- Check valve assembly for Surge® moisture trap



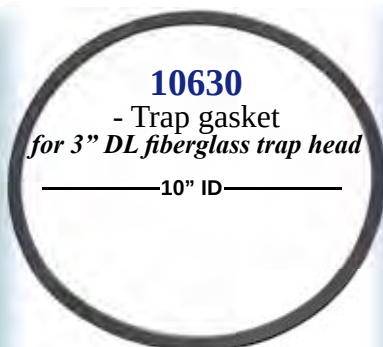
10161

- Replacement 1045 gasket for 2" DL trap



10630

- Trap gasket for 3" DL fiberglass trap head



- 10500** - 3" Stainless trap bends for 3" fiberglass DL style blue head trap



21070

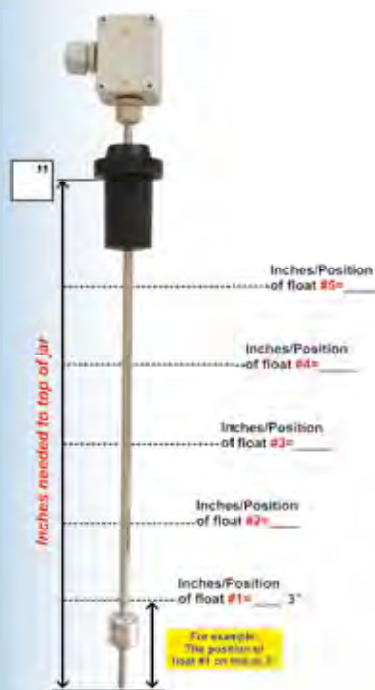
- White gasket for all UN plastic style traps



KLEEN-FLO® VARIABLE SPEED PROBE ASSEMBLY

CUSTOM PROBE ORDER FORM

STANDARD PROBE ASSEMBLY IS 3 FLOATS ~ MAXIMUM IS 5 ACTIVATION POINTS



STANDARD CONFIGURATION

~ 1st Switch - Red ~ 2nd Switch - Yellow ~ 3rd Switch - Blue
~ 4th Switch- Green ~ Top Switch - 2 Brown (Isolated) ~ Common - Black

Date:	PO#:
Name:	
Phone:	Fax:
Float Assembly with Probe Holder: 20022; 20022-1; 20023 or 20023-1 (Please Circle One)	
Notes:	

- Need measurement of exact location of each additional float for proper placement.
- Measure from bottom up for your float(s) position(s) in inches.

- 20022** - Custom variable speed float assembly, *with bottom float, collar and 1½" probe holder*
20022-1 - Custom variable speed float assembly, *with bottom float, clip and 1½" probe holder*
20023 - Custom variable speed float assembly, *with bottom float, collar and 2" probe holder*
20023-1 - Custom variable speed float assembly, *with bottom float, clip and 2" probe holder*
20004 - Additional floats, *Includes: collar and float*
20004-1 - Additional floats, *Includes: clips and float*
20015 - Junction box, *with large cord grip*
20016 - Clip
20018 - Stainless steel collar, 5/16" ID - 5/8" OD - 5/16" width
20030 - Stainless float

SEE PAGE 140 FOR
LARGER CUSTOM
ORDER FORM

KLEEN-FLO® PROBE ASSEMBLY

- 20032** - 16" float probe assembly, *with collar and 1½" probe holder*
20032-1 - 16" float probe assembly, *with clip and 1½" probe holder*
20034 - 19" float probe assembly, *with collar and 1½" probe holder*
20034-1 - 19" float probe assembly, *with clip and 1½" probe holder*
20036 - 22" float probe assembly, *with collar and 1½" probe holder*
20036-1 - 22" float probe assembly, *with clip and 1½" probe holder*
20030 - Stainless Float
20016 - Clip
20018 - Stainless steel collar, 5/16" ID - 5/8" OD - 5/16" width
10094 - Rubber 1½" probe holder
10095 - Rubber 2" probe holder
20013 - Rubber grommet for probe



20013



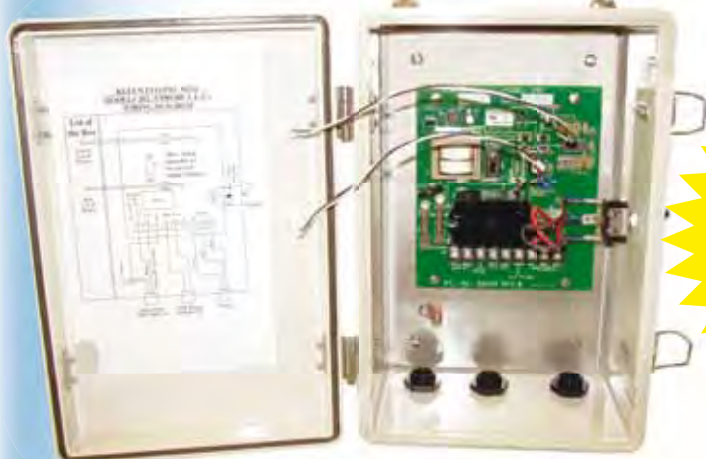
20030



DRY CONTACT FLOAT PROBE SYSTEMS
ELIMINATES PITTING ON PROBES
WORKS FOR ANY 3 PROBE LLC SYSTEM
WORKS ESPECIALLY WELL IN SYSTEMS
WITH EXCESS FOAM

LIQUID LEVEL CONTROLS

KLEEN-FLO® LIQUID LEVEL CONTROL FOR DELAVAL®



- **HEAVY DUTY**
- **WATER TIGHT**
- **STAINLESS LATCHES FOR EASY OPENING**



- 120/240VAC Input and output via on board selector switch
- Remote indicator LED's ~ Power and Relay
- Heavy duty user replaceable motor relay ~ 25Amps @ 250VAC
- Easy disconnect switch wires

20333 - 3-probe LLC Control Board, *ONLY*, replacement for *NEW* style DeLaval® plastic liquid level box

20324 - LLC Box complete, *less* probe assembly

20341 - Complete LLC Box & Probe Assembly, with 20345, 16" probe assembly

20342 - LLC Box complete, with 20349, 19" probe assembly

20343 - LLC Box complete, with 20346, 22½" probe assembly

20322 - Plastic box with mounting plate, but no board

STAINLESS STEEL MOUNTING PLATE ADAPTS NEW BOARD TO OLD STYLE DELAVAL® STAINLESS BOX



20350 - 3-probe LLC Control Board with mounting plate, replacement for *OLD* style DeLaval® stainless liquid level box

MISC. REPLACEMENT PARTS FOR DELAVAL® LLC

FOR NEW STYLE BOX

10166 - Relay
20328 - Switch

FOR OLD STYLE BOX

10167 - Relay
20329 - Switch

Water Resistant Square Cover



PROBE ASSEMBLIES, FDA GRADE NYLON COATING

20345 - 16" probe assembly, 3 probe, stainless cover (Includes 2 - 20336 and 1 - 20335 probe rods)

20349 - 19" probe assembly, 3 probe, stainless cover (Includes 2 - 20339 and 1 - 20337 probe rods)

20346 - 22½" probe assembly, 3 probe, stainless cover (Includes 2 - 20338 and 1 - 20336 probe rods)

PROBE RODS

	Overall Length	From bottom of probe rod to bottom of grommet
20335	10"	8"
20336	16"	14"
20337	12½"	10½"
20338	22½"	20½"
20339	19½"	17½"

MISC. PARTS FOR PROBE ASSEMBLIES

20340

- 1½" rubber probe holder for 3 probe assembly

20355

- Stainless cover *only*

LIQUID LEVEL CONTROLS

REPLACEMENT BOX FOR BOUMATIC® RECEIVER GROUPS



20075 - Complete LLC Control box
Includes: Air injector board, LLC board,
and Kleen-Flo 12 pulsation board Input Voltage 240

20079 - Complete LLC Control box
Includes: Air injector board, LLC board,
and USED 5-dip BouMatic® pulsation board

20083 - LLC Control box, *LESS* pulsation board

20069 - Small transformer, for BM master control panel,
240V AC input / 24V AC output



20060 -
Circuit board
for BM air injector



20061 -
Wiring Harness
for 20060 air
injector board

KLEEN-FLO® LIQUID LEVEL CONTROL

• Designed for a Float probe system • 240 volt input • Water tight control box

20307 - Control box, with board, less probe assembly

20305 - Control box, with board and 20010 float probe assembly

20321 - Contactor for 20307, 24 volt AC

20313 - Circuit board for Kleen-Flo LLC box
for float style probes, interchanges with original

20316 - Wiring harness, for 20313 LLC board

20308 - Control box, **12 VOLT** with board, less probe assembly

20486 - Momentary On/Off Switch

20487 - Milk/wash/off toggle switch

99976 - 2 AMP breaker



20316



20313 -
Board, for LLC

REPLACEMENT BM FLOAT STYLE PROBE ASSEMBLY AND REPLACEMENT PARTS

20010 - Probe assembly complete, with reed switch, with Junction box, collar and new style float

20010-1 - Probe assembly complete, with reed switch, with Junction box, clip and new style float

20020 - Reed switch, for new style plastic or stainless float probe

20025 - Reed switch, for old style stainless float probe

20019 - 1½" long insert, for reed switch

10094 - Rubber 1½" probe holder, with 3/16" hole

10095 - Rubber 2" probe holder, with 3/16" hole

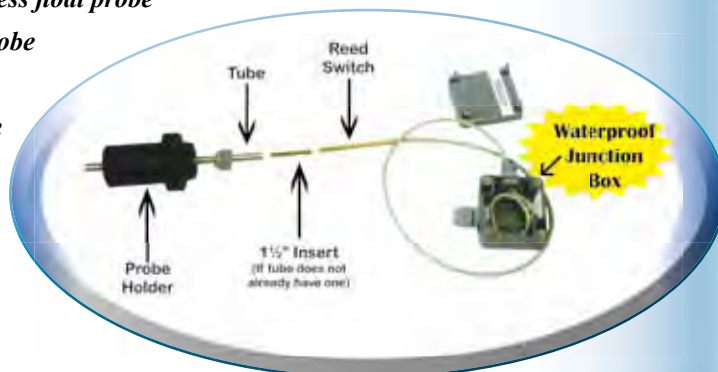
10101 - Rubber 1½" probe holder, with ½" hole

20012 - Stainless rod only, for float style probe

20014 - Junction box, for BM style probe

20030 - Stainless float, for BM probe, with collar

04113 - Hairpin clip, for BM style probe (2 needed)



LIQUID LEVEL CONTROLS

E-ZEE'S KLEEN-FLO® 4x4 LIQUID LEVEL CONTROL

CIRCUIT BOARD IS DESIGNED FOR 3 PROBE SYSTEM.
IT IS CONSTRUCTED WITH THE STRONG SCREW TYPE CONNECTORS.

20430



**"WATER TIGHT
CONTROL BOX"**

240 VOLT INPUT

- 20430 - 240 circuit board only (*needs contactor*)
- 20319 - Contactor, 240 volt coil
- 20431 - Control box, with mounting plate and board (no probes)
- 20434 - Control box, with 20345 - 16" probe assembly
- 20436 - Control box, with 20349 - 19" probe assembly
- 20438 - Control box, with 20346 - 22½" probe assembly

120 VOLT INPUT

- 20450 - 120 circuit board only (*needs contactor*)
- 20320 - Contactor, 120 volt coil
- 20451 - Control box, with mounting plate and board (no probes)
- 20454 - Control box, with 20345 - 16" probe assembly
- 20456 - Control box, with 20349 - 19" probe assembly
- 20458 - Control box, with 20346 - 22½" probe assembly

20332 - Plastic box with mounting plate, *less board*

20425 - Optional red and green LED kit-----

20490 - Snap track, for 20430, 20451 and 20471

20486 - Momentary On/Off Switch

20487 - Milk/wash/off toggle switch

99976 - 2 AMP breaker



**THE ABOVE LEVEL CONTROL AND CIRCUIT BOARD ARE ALSO AVAILABLE FOR 12 VOLT.
PLEASE USE THE PART NUMBERS LISTED BELOW.**

20471 - 12 volt DC control box with board, (*no probes*)

20470 - 12 volt DC board only (*needs contactor*)

67619 - Heavy duty 24 volt DC relay #120-904

20395 - New style replacement board, with SnapTrack, for Surge® LLC, designed to replace the Surge® 28000 liquid level control board

10726 - Pump down switch, for Surge LLC control box



REPLACEMENT KLEEN-FLO® D STYLE MILK PUMPS AND PARTS

1 HP

10432 - D-style Kleen-Flo® milk pump, *with 1 HP Magnetek single phase motor*

10434 - D-style Kleen-Flo® milk pump, *with 1 HP Sterling single phase motor*

10402 - D-style Kleen-Flo® milk pump, *with 1 HP Sterling 3 phase motor*

10411 - D-style Kleen-Flo® milk pump, *less motor (for 1 HP)*

1½ HP

10502 - D-style Kleen-Flo® milk pump, *less motor, (for 1½ HP)*

1 HP

10437 - D-style Kleen-Flo® milk pump, *with 1 HP Magnetek single phase motor*

10401 - D-style Kleen-Flo® milk pump, *with 1 HP Sterling single phase motor*

10403 - D-style Kleen-Flo® milk pump, *with 1 HP Sterling 3 phase motor*

10413 - D-style Kleen-Flo® milk pump, *less motor (for 1 HP)*

1½ HP

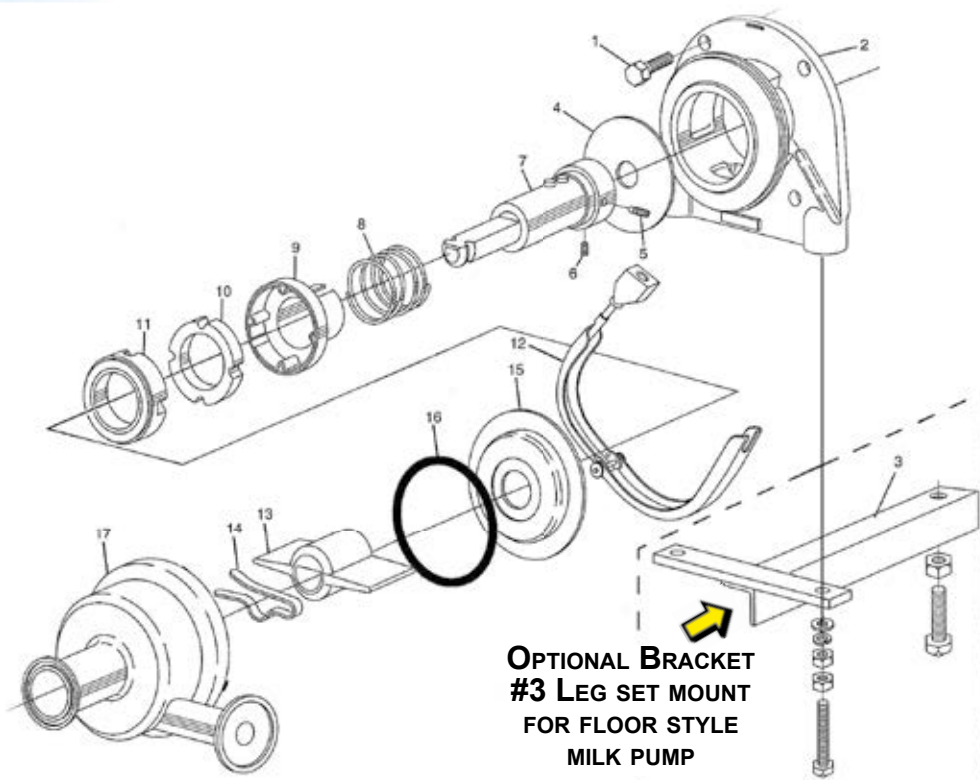
10404 - D-style Kleen-Flo® milk pump, *with 1½ HP Sterling single phase motor*

10405 - D-style Kleen-Flo® milk pump, *with 1½ HP Sterling 3 phase motor*

10503 - D-style Kleen-Flo® milk pump, *less motor (for 1½ HP)*

PARTS FOR D-STYLE KLEEN-FLO® MILK PUMP

- | | |
|--|---|
| 1 - 10422 - Housing mount bolt | 10 - 10428 - Rubber seal |
| 2 - 10431 - SS mount, <i>for milk pump housing</i> | 11 - 10426 - Carbon seal |
| 3 - 10433 - SS adjustable T-brackets, <i>converts highline to floor mount</i> | 12 - 10423 - Housing clamp |
| 4 - 10424 - Rubber shaft slinger | 13 - 10391 - SS impeller, <i>for 1 HP</i> |
| 5 - 10398 - Set screw, <i>keyway style</i> | 13A- 10393 - SS impeller, <i>for 1½ HP</i> |
| 6 - 10399 - Set screw, <i>standard style</i> | 14 - 10394 - Shaft clip |
| 7 - 10213 - Shaft, <i>new style</i> | 15 - 10210 - Backplate |
| 8 - 10429 - Spring | 16 - 10427 - 4" o-ring |
| 9 - 10425 - Stainless collar | 17 - 10520 - SS housing, <i>for 1 HP</i> |
| | 17A- 10421 - SS housing, <i>for 1½ HP</i> |



OPTIONAL BRACKET
#3 LEG SET MOUNT
FOR FLOOR STYLE
MILK PUMP

REPLACEMENT REBUILD KIT FOR D-STYLE KLEEN-FLO®

Includes:

- 1 - **10428** (#10) rubber seal
- 1 - **10426** (#11) carbon seal
- 1 - **10427** (#16) 4" o-ring

10395



REPLACEMENT KLEEN-FLO® B STYLE MILK PUMPS AND PARTS



- 1 - **10180** - Stainless housing
- 2 - **54325** - 4" Tri clamp gasket
- 3 - **17232** - 4" Heavy duty clamp
- 4 - **10510** - Stainless impeller
- 5&6 - **10190** - Milk pump seal kit (*Includes: Ceramic and Carbon Seals*)
- 7 - **10181** - Motor bolt
- 8 - **10460** - Stainless flange



10190 - Repair kit for Kleen Flo® B style and BouMatic® Milk Pumps
(*Includes: Ceramic and Carbon Seals*)

REPLACEMENT BEN ANDERSON® STYLE MILK PUMP AND PARTS



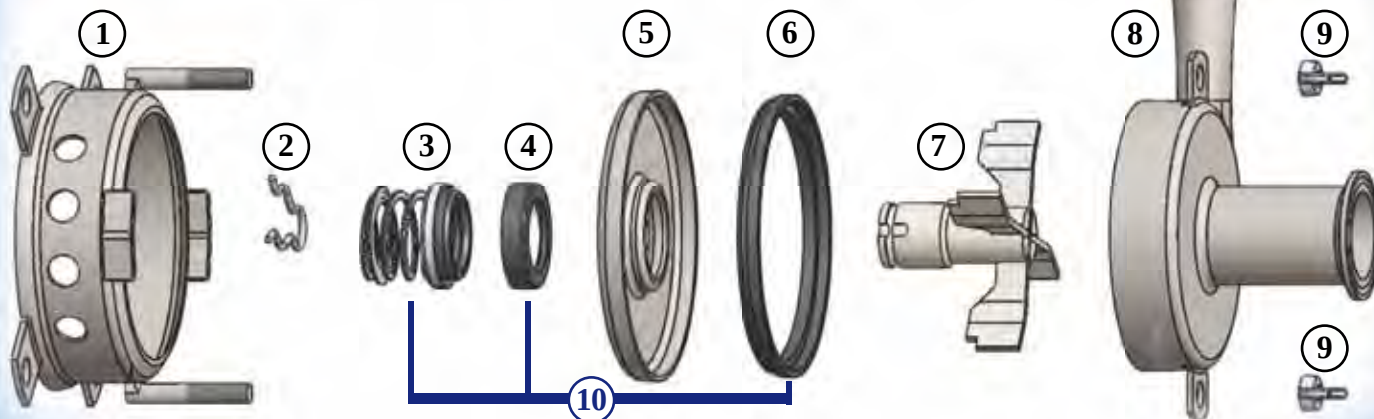
59910 - Ben Anderson milk pump,
with 4 blade impeller 1½ x 1½

14768 - Repair kit
for new style Anderson pump



- 1 - **59911** - Adaptor
- 2 - **14758** - Cotter pin clip
- 3 - **14770** - Rotating head assembly
- 4 - **14757** - Ceramic and rubber seal
- 5 - **59913** - Backplate

- 6 - **14766** - New style body gasket
- 7 - **59912** - Impeller
- 8 - **59915** - Housing
- 9 - **59917** - Wingnut
- 10 - **14768** - Repair kit for new style Anderson pump,
Includes: #'s 3, 4 & 6





THOMSEN® MILK PUMPS AND PARTS

- A quality built pump suitable for most applications.
- Known to be a dependable milk pump in the dairy industry.
- Additional configurations available upon request.
- All pumps listed are without motors.
- Pumps can be ordered and shipped fully assembled with motor.
- Left/Right hand discharge determined by facing inlet.
- Please call our Pump Division @ 1-888-304-6276 for technical support.

PART #	MODEL	INLET	OUTLET	IMPELLER	SHAFT	DISCHARGE	RPM	SEAL	MOTOR
1 HP									
59700	#4	1.5"	1.5"	3 ³ / ₈ "	5/8"	Standard	3450	Ext.	56-C
59701	#4	1.5"	1.5"	3 ³ / ₈ "	5/8"	Reduced	3450	Ext.	56-C
1½ HP									
59704	#4	1.5"	1.5"	3 ⁵ / ₈ "	5/8"	Standard	3450	Ext.	56-C
59705	#4	1.5"	1.5"	3 ⁵ / ₈ "	5/8"	Reduced	3450	Ext.	56-C
2 HP									
59708	#4	1.5"	1.5"	3 ⁷ / ₈ "	5/8"	Standard	3450	Ext.	56-C
59710	#4	1.5"	1.5"	3 ⁷ / ₈ "	7/8"	Standard	3450	Ext.	145-TC
59707	#4	1.5"	1.5"	3 ⁷ / ₈ "	5/8"	Reduced	3450	Ext.	56-C
59706	#4	1.5"	1.5"	3 ⁷ / ₈ "	7/8"	Reduced	3450	Ext.	145-TC
59709	#4	2"	1.5"	3 ⁷ / ₈ "	5/8"	Standard	3450	Ext.	56-C
59711	#4	2"	1.5"	3 ⁷ / ₈ "	7/8"	Standard	3450	Ext.	145-TC
59730	#4	2"	1.5"	3 ⁷ / ₈ "	7/8"	Reduced	3450	Ext.	145-TC
59712	#4	2"	2"	3 ⁷ / ₈ "	7/8"	Standard	3450	Ext.	145-TC
59713	#5	2"	1.5"	4 ¹ / ₈ "	7/8"	Standard	3450	Ext.	145-TC
59714	#5	2"	2"	4 ¹ / ₈ "	7/8"	Standard	3450	Ext.	145-TC
2 HP - LEFT HAND DISCHARGE									
59732	#4	1.5"	1.5"	3 ⁷ / ₈ "	5/8"	Reduced	3450	Ext.	56-C
59733	#4	1.5"	1.5"	3 ⁷ / ₈ "	7/8"	Reduced	3450	Ext.	145-TC
59731	#4	2"	1.5"	3 ⁷ / ₈ "	7/8"	Reduced	3450	Ext.	145-TC
59734	#4	2"	1.5"	3 ⁷ / ₈ "	5/8"	Reduced	3450	Ext.	56-C
3 HP									
59715	#5	2"	1.5"	4 ³ / ₈ "	7/8"	Standard	3450	Ext.	145-TC
59718	#5	2"	2"	4 ⁵ / ₈ "	7/8"	Standard	3450	Ext.	145-TC
59719	#5	2"	1.5"	4 ⁷ / ₈ "	1 ¹ / ₈ "	Standard	3450	Ext.	182-TC
59720	#6	2"	2"	4 ⁷ / ₈ "	7/8"	Standard	3450	Int.	145-TC
59721	#6	2"	1.5"	4 ⁷ / ₈ "	7/8"	Standard	3450	Int.	145-TC
59722	#6	2"	2"	5 ⁷ / ₈ "	1 ¹ / ₈ "	Standard	1800	Int.	182-TC
5 HP									
59716	#5	2"	2"	4 ⁷ / ₈ "	1 ¹ / ₈ "	Standard	3450	Int.	184-TC
59726	#6	2"	2"	5 ³ / ₈ "	1 ¹ / ₈ "	Standard	3450	Int.	184-TC
59741	#8	3"	2"	6 ⁷ / ₈ "	1 ¹ / ₈ "	Standard	1800	Int.	184-TC
7½ HP									
59742	#8	3"	2"	7 ⁵ / ₈ "	1 ³ / ₈ "	Standard	1800	Int.	213-TC
59745	#8	3"	2"	7 ⁵ / ₈ "	1 ³ / ₈ "	Threaded	1800	Int.	213-TC
10 HP									
59743	#8	3"	2"	7 ⁷ / ₈ "	1 ³ / ₈ "	Standard	1800	Int.	215-TC
59746	#8	3"	2"	7 ⁷ / ₈ "	1 ³ / ₈ "	Threaded	1800	Int.	215-TC
59744	#8	3"	3"	7 ⁷ / ₈ "	1 ³ / ₈ "	Standard	1800	Int.	215-TC

NOTE: #4 PUMPS ARE AVAILABLE WITH A REDUCED DISCHARGE PORT TO USE A RUBBER FLAPPER CHECK VALVE

REPLACEMENT PARTS AND SEAL KITS FOR THOMSEN® MILK PUMPS

ADAPTOR

- 59775 - For #4, 56-C
- 59774 - For #5, 56-C
- 59777 - For #5, 182-T/184-T
- 59776 - For #6, 56-C
- 59773 - For #6, 182-T/184-T
- 59801 - For #8, 215-T

SHAFT

- 59784 - For #4, #5 & #6, 5/8", external seal
- 59786 - For #4, #5 & #6, 7/8", external seal
- 59785 - For #6, 1 1/8", external or internal seal
- 59766 - For #8, 1 1/8", internal seal
- 59769 - For #8, 1 3/8", internal seal

SET SCREW

- 59792 - For shaft, standard
- 59829 - For shaft, for keyway

SEAL KITS

- 59750 - For #4, #5 & #6, external seal
- 59756 - For #4, external seal with s/s wear ring
- 59767 - For #8, external seal #9499-BO
- 59760 - For #4, #5 & #6, internal seal
- 59763 - For #8, internal seal #9359-BO
- 59770 - Ceramic wear ring, for #4, #5 and #6 backplate
- 59771 - Rotary seal, for #4, #5 and #6 pumps

CLAMP

- 59789 - For #4
- 59628 - For #5
- 59827 - For #6
- 59799 - For #8
- 59535 - T-Bolt, for Thomsen clamps
- 59536 - T-Handle, for Thomsen clamps

BACKPLATE

- 59782 - For #4, external seal
- 59787 - For #5, external seal
- 59791 - For #6, external seal
- 59783 - For #4, internal seal
- 59828 - For #5, internal seal
- 59797 - For #6, internal seal
- 59768 - For #8, internal seal

IMPELLER

- 59576 - For #4, 3 3/8"
- 59577 - For #4, 3 5/8"
- 59578 - For #4, 3 7/8"
- 59651 - For #5, 4 1/8"
- 59652 - For #5, 4 3/8"
- 59650 - For #5, 4 5/8"
- 59654 - For #5, 4 7/8"
- 59659 - For #6, 4 3/8"
- 59660 - For #6, 4 5/8"
- 59655 - For #6, 4 7/8"
- 59656 - For #6, 5 1/8"
- 59658 - For #6, 5 3/8"
- 59657 - For #6, 5 7/8"
- 59667 - For #8, 6 7/8"
- 59668 - For #8, 7 1/8"
- 59669 - For #8, 7 3/8"
- 59670 - For #8, 7 5/8"
- 59671 - For #8, 7 7/8"

IMPELLER CLIP

- 59765 - For #4, #5 & #6
- 59764 - For #8

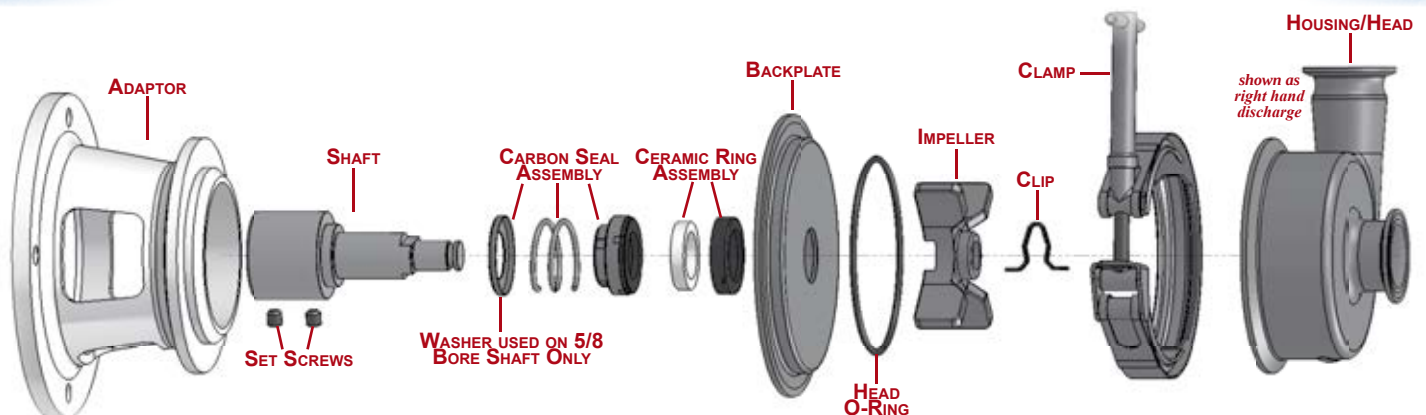
HOUSING/HEAD

- 59788 - For #4, 1 1/2" x 1 1/2" right hand discharge (as seen in breakdown shown below)
- 59790 - For #4, 1 1/2" x 1 1/2" left hand discharge
- 59825 - For #4, 1 1/2" x 1 1/2" reduced discharge
- 59826 - For #4, 2" x 1 1/2"
- 59822 - For #4, 2" x 1 1/2" reduced discharge
- 59823 - For #4, 2" x 1 1/2" left hand discharge
- 59780 - For #4, 2" x 2"
- 59798 - For #5, 2" x 2"
- 59800 - For #5, 2" x 1 1/2"
- 59824 - For #6, 2" x 2"
- 59830 - For #8, 3" x 2"
- 59831 - For #8, 3" x 2", threaded
- 59832 - For #8, 3" x 3"
- 59833 - For #8, 3" x 3", threaded

ALL HOUSINGS ARE CLAMP STYLE, UNLESS OTHERWISE NOTED.

O-RINGS

- 59794 - For #4
- 59795 - For #5
- 59796 - For #6



MILK PUMP MOTORS

STERLING PREMIUM STAINLESS STEEL MOTORS

⇒ CAN BE USED ON VARIABLE SPEED DRIVES

⇒ EXCEEDS THE DEMAND FOR THE DAIRY INDUSTRY

STERLING MOTORS ARE BUILT TO HANDLE HIGH-PRESSURE WASH DOWNS!

⇒ **THREE PHASE - 208-230/460 Volt**

3450 RPM WITH BASE

21500 -	1 HP	5/8 keyed shaft	56 C
21501 -	1½ HP	5/8 keyed shaft	56 C
21502 -	2 HP	5/8 keyed shaft	56 C
21503 -	2 HP	7/8 keyed shaft	145TC
21534 -	3 HP	7/8 keyed shaft	145TC
21598 -	1 HP	Surge® replacement milk pump motor	
21574 -	1 HP	Threaded shaft motor for BM and UN	



21503

1800 RPM WITH BASE

21515 -	1 HP	5/8 keyed shaft	56 C
21516 -	1½ HP	5/8 keyed shaft	56 C
21517 -	2 HP	5/8 keyed shaft	56 C
21518 -	2 HP	7/8 keyed shaft	145TC

⇒ **SINGLE PHASE - 110/220 Volt**

3450 RPM WITH BASE

21544 -	1 HP	5/8 keyed shaft	56 C
21545 -	1½ HP	5/8 keyed shaft	56 C
21546 -	2 HP	5/8 keyed shaft	56 C
21547 -	2 HP	7/8 keyed shaft	145TC
21597* -	1 HP	Surge® replacement milk pump motor	
21575* -	1 HP	Threaded shaft motor for BM and UN	



21544

***NEW - PERMANENT SPLIT CAPACITOR - No SWITCH**

**A 1 YEAR WARRANTY
APPLIES TO ALL MILK
PUMP MOTORS**



21597*

MILK PUMP MOTORS

C-FACE MOTORS FOR THOMSEN® MILK PUMPS STERLING PREMIUM STAINLESS STEEL MOTORS

⇒ CAN BE USED ON VARIABLE SPEED DRIVES

⇒ EXCEEDS THE DEMAND FOR THE DAIRY INDUSTRY

STERLING MOTORS ARE BUILT TO HANDLE HIGH-PRESSURE WASH DOWNS!

AVAILABLE IN 5 to 10 HP

⇒ **THREE PHASE - 208-230/460 VOLT**

WITH BASE

STAINLESS STEEL - TEFC

21538 -	3 HP	3600 RPM	1 1/8" keyed shaft	182-TC
21539 -	3 HP	1800 RPM	1 1/8" keyed shaft	182-TC
59850 -	5 HP	3600 RPM	1 1/8" keyed shaft	184-TC
59851 -	5 HP	1800 RPM	1 1/8" keyed shaft	184-TC
59853 -	7 1/2 HP	1800 RPM	1 3/8" keyed shaft	213-TC
59855 -	10 HP	1800 RPM	1 3/8" keyed shaft	215-TC



59853

STERLING WASH DOWN DUTY MOTORS

⇒ **THREE PHASE - 208-230/460 VOLT**

WHITE EPOXY PAINTED - TEFC

59842 -	5 HP	3600 RPM	1 1/8" keyed shaft	184-TC
59843 -	5 HP	1800 RPM	1 1/8" keyed shaft	184-TC
59845 -	7 1/2 HP	1800 RPM	1 3/8" keyed shaft	213-TC
59847 -	10 HP	1800 RPM	1 3/8" keyed shaft	215-TC



(PUMP NOT INCLUDED)

59847

STERLING TANK WASHER MOTORS

⇒ **SINGLE PHASE - 110/220 VOLT**

WITHOUT BASE

21578 -	3/4 HP motor with 56-J threaded shaft, 1 phase
21579 -	1 1/2 HP motor with 56-J threaded shaft, 1 phase



21578

12 VOLT DC TANK WASHER MOTOR

67613 -	3/4 HP Lesson Washgaurd, with 56-J threaded shaft
---------	---

MILK PUMP MOTORS

C-FACE MOTORS FOR THOMSEN® MILK PUMPS



• **TEFC** • **3 phase** • **208-230/460**

59811 -	3 HP	3600 RPM	1 1/8" shaft	182-TC
59812 -	3 HP	1800 RPM	1 1/8" shaft	182-TC
59810 -	5 HP	3600 RPM	1 1/8" shaft	184-TC
59815 -	5 HP	1800 RPM	1 1/8" shaft	184-TC
59817 -	7 1/2 HP	1800 RPM	1 3/8" shaft	213-TC
59818 -	10 HP	1800 RPM	1 3/8" shaft	215-TC



EXTRA HIGH TORQUE FARM DUTY MOTOR

• **1.15 Service Factor** • **TEFC**
• **Single phase** • **1800 RPM**

59803 -	3 HP	1 1/8" shaft	184-TC
59805 -	5 HP	1 1/8" shaft	184-TC
59807 -	7 1/2 HP	1 3/8" shaft	215-TC
59809 -	10 HP	1 3/8" shaft	215-TC



A 1 Year Warranty Applies to All Milk Pump Motors

DEFINITE PURPOSE CONTACTORS

- *Cushioned, isolated coil reduces vibration & noise*
- *Large terminals for easy wiring*
- *Universal mounting backplate*



20320

2 POLE

<u>PART#</u>	<u>FL AMPS</u>	<u>COIL VOLTAGE</u>
20319 -	30	208-230
20320 -	30	110-120
20321 -	30	24



20309

3 POLE

<u>PART#</u>	<u>FL AMPS</u>	<u>COIL VOLTAGE</u>
20317 -	30	110
20318 -	40	240
20312 -	40	110
20311 -	50	240
20310 -	50	110
20309 -	50	24
20314 -	60	220

MILK PUMP MOTORS

A MOTOR DESIGNED BY A.O. SMITH/MAGNETEK FOR DAIRY MILK PUMPS

- ⇒ Wash Down Duty Motor ⇒ Stainless Steel Shaft
- ⇒ Weatherproof ⇒ Permanent Split Capacitor
- ⇒ TENV ⇒ 3600 RPM ⇒ Single Phase - **240 Volts ONLY**

FOR DELAVAL® MILK PUMPS

21581	½ HP	⅝ keyed shaft	B-581
21582	¾ HP	⅝ keyed shaft	B-582
21583	1 HP	⅝ keyed shaft	B-583

FOR BOU-MATIC® MILK PUMPS

21584	½ HP	threaded shaft	B-584
21585	¾ HP	threaded shaft	B-585
21586	1 HP	threaded shaft	B-586

FOR SURGE® MILK PUMPS

21592	¾ HP	Requires Capacitor	B-592
--------------	------	--------------------	-------



21586

MISCELLANEOUS REPLACEMENT MILK PUMP PARTS



59892 - 3 Blade
Impeller
for Sta-Rite®
milk pump



10511 - Impeller
for 3" Boumatic®
milk pump



10729 - 4 Blade
Impeller
for Surge® milk pump



10725 - New Style backplate for
Surge® Milk Pump



59901 - Shaft for SP-41 milk pump,
⅝th keyed

MILK PUMP CONTROLLERS

ImPulse CL

NEW PRODUCT

CONTINUOUS SPEED MILK PUMP CONTROLLERS - LESS PROBE

	<u>HP</u>	<u>VOLTS</u>	<u>PHASE</u>
35150NP	- 2HP	230	Dual Rate 1 & 3
35160NP	- 2HP	460	3
35155NP	- 3HP	230	Dual Rate 1 & 3
35165NP	- 3HP	460	3
35170NP	- 5HP	460	3

CONTINUOUS LEVEL PROBE & FLOAT

34902NP	- 24" - 18" read range
34903NP	- 30" - 24" read range
34904NP	- 40" - 34" read range
34906NP	- 60" - 54" read range

CONTROL RELAYS - 6AMP 250V

P29753NP	- 220V AC/DC
P29752NP	- 120V AC/DC
P29751NP	- 24V AC/DC
P29750NP	- 12V AC/DC

MISC. PARTS

29700NP	- Cable for VSD - 16 AWG, 4 Conductor, 12A Cont, <i>for 2 & 3 HP 230V and 2, 3 & 5 HP 460V</i>
29710NP	- 18/2 Shielded Control Cable, <i>per foot</i>
R35505NP	- Overflow Alarm for ImPulse CL, Amber Strobe, <i>must also order P29751NP</i>
P19829NP	- E-Stop with 1 NC Contact <i>for Bypass Unit</i>



R35505NP



ImPulse III

VARIABLE SPEED MILK PUMP CONTROLLER - LESS PROBE SINGLE FLOAT 3 REED SYSTEM

	<u>HP</u>	<u>VOLTS</u>	<u>PHASE</u>
35005NP	- 2	230	Dual Rated 1 & 3

PROBE ASSEMBLIES AND PARTS FOR ImPulse III

35002NP	- 24" Probe assembly
35003NP	- 30" Probe assembly
35001NP	- 40" Probe assembly
35006NP	- 60" Probe assembly
10101	- Rubber 1½" probe holder with ½" hole
R03513NP	- 2" SS Float with Magnet, 2" OD x 2" OD x .595" ID
R03509NP	- 1.5" SS Float with Magnet, 1.5" OD x 1.5" OD x 0.555" ID
R03504NP	- Bulk Tank Cover Plug, <i>Black Rubber</i>
M01550NP	- ID Communications Cable
29700NP	- Cable for VSD



REPLACEMENT MILK PUMP SEAL KITS

SEAL KIT FOR BEN ANDERSON®

59895 - INCLUDES:

- 1 - 59894 - Carbon seal
- 1 - 14757 - Ceramic seal
- 1 - 59886 - O-ring
- 1 - 14766 - New style body gasket
- 1 - 59899 - 4" gasket (old style)



SEAL KIT FOR BEN ANDERSON®

14768 - INCLUDES:

- 1 - 14757 - Ceramic and rubber seal
- 1 - 14770 - Rotating head assembly
- 1 - 14766 - New style body gasket



1 HP KLEEN FLO AND BEN ANDERSEN SEAL ASSEMBLY

14810 - INCLUDES:

- 14770 - Rotating head assembly
- 14757 - Ceramic seal assembly



SEAL KIT FOR EXTERNAL THOMSEN®

59750 - INCLUDES:

- 59771 - Rotary Seal Assembly
- 59770 - Ceramic Seal
- 59794 - Housing O-ring for #4
- 59795 - Housing O-ring for #5
- 59796 - Housing O-ring for #6
- 59765 - Impeller clip



SEAL KIT FOR INTERNAL THOMSEN®

59760 - INCLUDES:

- 59762 - Teflon Seal
- 59793 - O-Ring
- 59761 - Spring
- 59794 - Housing O-ring for #4
- 59795 - Housing O-ring for #5
- 59796 - Housing O-ring for #6
- 59765 - Impeller clip



SEAL KIT FOR STA-RITE®

59890 - INCLUDES:

- 1 - 59887 - Shaft seal
- 1 - 59888 - Head gasket
- 1 - 59886 - O-ring (standard)
- 1 - 59885 - O-ring (larger)



SEAL KIT FOR OLD STYLE SURGE®

10795 - INCLUDES:

- Carbon Seal
- Rubber Seal
- Small e-clip
- Tri clamp flapper
- Surge style flapper
- Large 4" head gasket
- 1½" Gasket



SEAL KIT FOR NEW STYLE WF SURGE®

10705 - INCLUDES:

- Ceramic Seal
- Rotary Seal Assembly
- Large e-clip
- Small e-clip
- Tri clamp flapper
- Milk pump check valve
- Large 4" head gasket
- 1½" Gasket



SEAL KIT FOR SP-41

10750 - INCLUDES:

- Ceramic Seal with rubber
- Teflon Seal
- O-Ring
- Spring



SEAL KIT FOR BOUMATIC® AND KLEEN-FLO® B STYLE

10190 - INCLUDES:

- Ceramic Seal
- Carbon Seal



SEAL KIT FOR KLEEN FLO®

14775 - INCLUDES:

- 14102 - Head gasket
- 14756 - Ceramic seal assembly
- 14770 - Rotating head assembly



SEAL KIT FOR D-STYLE DeLAVAL®

10395 - INCLUDES:

- 1 - 10428 - Rubber seal
- 1 - 10426 - Ceramic seal
- 1 - 10427 - 4" O-ring



MILK PUMP VALVES AND DRAINS

- 78470** - 4" Vacuum Drain Valve
78471 - Diaphragm *for 4" drain valve*
78473 - 3/8" Clear hose for vacuum drain valve (*per foot*)
78460 - 1½" elbow *with 3/8" ID nipple and drain valve assembly*
78459 - 2" elbow *with 3/8" ID nipple and drain valve assembly*

DRAIN VALVE ELBOWS

- | | | |
|--------------------------|----------------------|--------------------------------------|
| 78465 - 1½" elbow | <i>with 3/8" ID</i> | <i>bottom outlet</i> |
| 78466 - 1½" elbow | <i>with 9/16" ID</i> | <i>bottom outlet</i> |
| 78467 - 1½" elbow | <i>with 5/8" ID</i> | <i>bottom outlet</i> |
| 78431 - 1½" elbow | <i>with 9/16" ID</i> | <i>left handed outlet</i> |
| 78432 - 1½" elbow | <i>with 9/16" ID</i> | <i>right handed outlet</i> |
| 78437 - 1½" elbow | <i>with 9/16" ID</i> | <i>parallel outlet</i> |
| 78434 - 2" elbow | <i>with 9/16" ID</i> | <i>left handed outlet</i> |
| 78435 - 2" elbow | <i>with 9/16" ID</i> | <i>right handed outlet</i> |
| 78439 - 2" elbow | <i>with 9/16" ID</i> | <i>parallel outlet</i> |
| 78462 - 2" elbow | <i>with 3/8" ID</i> | <i>bottom outlet</i> |
| 78463 - 2" elbow | <i>with 9/16" ID</i> | <i>bottom outlet for drain valve</i> |
| 78464 - 2" elbow | <i>with 5/8" ID</i> | <i>bottom outlet for drain valve</i> |



78460



78470

- Works with a 3/8" ID hose
- Overall diameter 4½"
- Bottom nipple is 3/8" OD

78431



78432



78462



- 78483** - High capacity vacuum drain for 5/8" to 7/8" rubber or silicone hose
78485 - Large pinch clamp valve, vacuum operated , with 1½" elbow with 5/8" nipple
78487 - U-cup seal for high capacity black plastic drain
78476 - Diaphragm only *for stainless pinch valve*

78483



MILK PUMP VALVES AND REPLACEMENT PARTS

- 10438** - 1½" stainless milk pump check valve *with pin & ball*
10439 - Ball only *for 1½" check valve assembly*
10436 - Retaining clip *for 1½" milk pump check valve*
10465 - 2" stainless milk pump check valve *with pin & ball*
10467 - Ball only *for 2" check valve assembly*
10466 - Retaining clip *for 2" milk pump check valve*



Ball Sizes:
 For 1½" valve 13/8"
 For 2" valve 17/8"

1½" MILK PUMP FLAPPER VALVES

- 10415** - Stainless flapper valve seat for milk pump check valve
10416 - Rubber check valve *for D style milk pump*
10418 - Rubber check valve *for Surge®*
10417 - Small rubber check valve
10419 - Large rubber check valve

10415



**RUBBER
FLAPPER
VALVE**



RESTRICTOR DISCS

- 10468** - Stainless 1½" restrictor disc, *with 1/8" pilot hole*
10469 - Stainless 2" restrictor disc, *with 1/8" pilot hole*



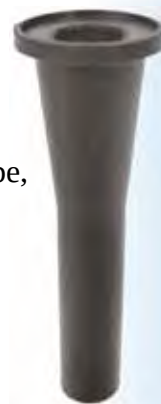
SPUTNIK WHEELS

- 38140** - Air tire for back wheels, *standard*
- 38145** - Bearing for air tire, $\frac{3}{4}$ "
- 38181** - Plate kit *to convert plate style wheel to shaft style*
- 38182** - Hard swivel wheel *with plate*
- 38187** - Front wheel with bearing, *no plate*
- 38180** - Bearing kit, *for hard swivel wheel*
- 38186** - White end cap, *for swivel wheel bearing*

SPUTNIK MISCELLANEOUS PARTS

- 38191** - Pipe o-ring
- 38190** - V-type lid gasket
- 38189** - O-ring type lid gasket
- 38192** - Grommet
- 38202** - $1\frac{1}{2}$ " hose clamp with washer, *for Sputnik grommet*
- 38196** - Drain gaskets, $1\frac{1}{2}$ " - *thicker style*
- 38196-1** - Drain gaskets, $1\frac{1}{2}$ " - *thinner style*
- 38197** - Drain gaskets, 2" - *thicker style*
- 38197-1** - Drain gaskets, 2" - *thinner style*
- 38199** - Bevel drain gasket, 3"

78428 - Replacement drain tube,
for Surge® Fast Flow drain



78414 - Replacement rubber drain elbow,
for DeLaval® Milk Pump



PARTS FOR GLASS QUART JAR MOISTURE TRAP

- 10439** - Ball, *for trap*
- 20237** - Glass quart jar, *with drain hole*
- 20242** - Wire holder, *for jar*
- 20247** - White plastic jar holder
- 20248** - Rubber drain check valve

38700 & 38750

Includes:

- 61299** - *bracket*
- 38612** - *inline filter assembly*

PUMPING/DUMPING STATION AND PARTS

- 38700** - Pumping station, *with BA milk pump, 1HP Electric motor*
- 38750** - Pumping station, *with BA milk pump, 1HP Air motor*
- 38147** - Dumping station wheel, *small (requires 1 per station)*
- 38149** - Dumping station wheel, *large (requires 2 per station)*
- 38207** - Replacement hose dryer motor
- 10299** - $\frac{1}{2}$ " Collar, *for dumping station shaft*
- 23251** - 5" Dumping station ball
- 23252** - 6" Plastic trap ball
- 38205** - Dumping station hose hooks



RELEASER JAR PARTS

- 38213** - White cylinder gasket, *for 1600 or 1800 releaser*
- 38220** - Clear elbow with thread, $\frac{5}{8}$ ", *for 1800 releaser*
- 38215** - Blue elbow with thread, $\frac{1}{2}$ ", *for 1800 releaser*
- 38211** - Rubber seal, *for releaser rod*
- 56217** - Jar bracket gasket
- 56224** - Restrictor with red cap, *for Bender releaser*
- 56225** - Red cap

CHECK VALVES FOR RELEASES AND PARTS

- 38500** - 1" x $1\frac{1}{2}$ " x 1" OD assembly, *for drain hose*
- 38525** - $1\frac{1}{2}$ " glass to $\frac{5}{8}$ " ID s/s assembly, *for large Bender releaser*
- 38527** - $1\frac{1}{2}$ " glass to $\frac{3}{4}$ " ID s/s assembly, *for large Bender releaser*
- 38545** - $1\frac{1}{2}$ " x $1\frac{1}{2}$ " x $1\frac{1}{2}$ " tee assembly, *for small Bender releaser*
- 10419** - $1\frac{1}{2}$ " Rubber flapper valve, *for tri clamp fitting (large)*
- 10415** - Stainless flapper valve seat, *for $1\frac{1}{2}$ "*

38100
STAINLESS
MOISTURE
TRAP
ASSEMBLY
FOR BENDER
RELEASER



KLEEN-FLO® MILK FILTER ASSEMBLIES

THESE SIDE DISCHARGE FILTER ASSEMBLIES ARE SOLD COMPLETE WITH THE O-RING, FLAT WHITE GASKET AND HEAVY DUTY CLAMP.

ALL KLEEN-FLO® MILK FILTER ASSEMBLIES ARE CLOSED BOTTOM STRAINERS, AND REQUIRE THE SOCK FILTER (NOT THE TUBE FILTER)

3 x 23½" SIDE DISCHARGE FILTER

- 10320** - 3" x 23" x 1½" Filter assembly
(Uses 3½" x 23½" filter socks)
- 10322** - 3" x 23" Stainless filter insert
- 10321** - 3" x 23½" Stainless filter body
- 10318** - O-ring for 3 x 23½"
- 10319** - White flat seal gasket for 3" x 23½"

4⅞" SIDE DISCHARGE FILTERS FOR 17" AND 33"

- 20738** - 4" x 17" x 1½" Filter assembly
- 20733** - 4" x 33" x 1½" Filter assembly
- 20752** - 4" x 33" x 2" Filter assembly
- 20728** - 4⅞" x 33" Stainless filter insert
- 20742** - 4⅞" x 17" Stainless filter insert



PARTS FOR 4" SIDE DISCHARGE FILTER

- 20731** - White flat seal gasket for 4"
- 20732** - Two tabbed o-ring for 4"
- 54325** - 4" Pipeline gasket
- 17232** - 4" Heavy duty clamp
- 20737** - Plug for bottom of open end side discharge filter, (not used in our filters)



FILTER ASSEMBLIES

- 38590** - 6" inline filter assembly, 5/8" ID ports
- 38591** - 6" inline filter assembly, 3/4" ID ports
- 38594** - Spring, for 6" assembly
- 38600** - 12" inline filter assembly, 5/8" ID ports
- 38601** - 12" inline filter assembly, 3/4" ID ports
- 38604** - Spring, for 12" assembly
- 38610** - 24" inline filter assembly, 5/8" ID ports
- 38612** - 24" inline filter assembly, 3/4" ID ports
- 38616** - Spring, for 24" assembly



KLEEN-FLO® MILK FILTER ASSEMBLIES

STAINLESS FRONT END FILTER DISPENSERS



20794 - For 2¼" x 24" up to 3" x 23½" filters

20745 - For up to 4⅞" x 36" filters

20748 - For up to 4⅞" x 17" filters

20747 - Black knob for filter dispenser

**SPRING LOADED
HINGE**

PARTS FOR OLD STYLE STRAIGHT THROUGH FILTERS



20734 - Top discharge cap
for 4⅞" tube filter,
(for open bottom, straight
through filter)

20736 - Bottom discharge
cap for 4⅞" tube filter,
(for open bottom, straight
through filter)



Top: 12½" Wide



Bottom: 5" Wide

20780 - Light Duty Stainless Strainer
Includes: inside mesh strainer, o-ring and
box of 100 filter disks

20782 - Stainless screen
20781 - O-Ring

20783 - 6½" filter disk for milk strainer
(box of 100)

**FREE BOX OF FILTERS
WITH EVERY
STRAINER PURCHASED**

**GREAT FOR THE
HOBBY FARMER**

SKELLERUP M-STYLE SINGLE PASS PLATE COOLERS

- **3 - A APPROVED**
- **ALL STAINLESS CENTER PLATES**
- **1½" MILK PORTS**
- **1" WATER PORTS NPT**
- **LOWER YOUR ELECTRICITY BILL BY INSTALLING AN M-STYLE PLATE COOLER**
- **LONGER COMPRESSOR LIFE**



20930 - 30 plate.....Maximum of 480 gallons of milk per hour

20942 - 42 plate.....Maximum of 675 gallons of milk per hour

20954 - 54 plate.....Maximum of 960 gallons of milk per hour

20961 - Inlet/outlet gasket for M-Series plate cooler

20965 - Plate with Gasket for M-Series plate cooler

PLATE COOLER PARTS

21026 - ¾" EZ external water solenoid valve, *120V AC*

21027 - 1½" EZ external water solenoid valve, *120V AC*

21028 - 1" EZ solenoid valve, *24V DC*

21028-1 - 1" EZ solenoid valve, *12V DC*

21029 - 1" EZ solenoid valve, *24V AC*

21030 - 1" EZ solenoid valve, *120V*

21031 - 1" EZ solenoid valve, *240V*

21032 - Coil only for EZ solenoid valve, *120V*

21033 - Coil only for EZ solenoid valve, *240V*

21034 - Rebuilt kit for EZ solenoid valve

20825 - 1½" stainless woven mesh screen

20827 - 2" stainless woven mesh screen

20829 - 3" stainless woven mesh screen

10685 - 1½" stainless screen

20849 - 5 oz. tube of 1099 adhesive for plate cooler



Eco Plate Coolers

- **A MORE ECONOMICAL, ALL STAINLESS, PLATE COOLER**
- **DUAL WATER PORTS FOR BETTER COOLING EFFICIENCY**
- **BRACKET INCLUDED**
- **1" NPT WATER**
- **1½" TRI CLAMP MILK INLETS**



PART #	DESCRIPTION	MILK COOLED/HOUR		WATER NECESSARY FOR MAX. GALLONS OF MILK (GALLONS)
		(GALS.)	(LBS.)	
21010	31 - Plate Single Pass	450	3,870	1,350
21012	55 - Plate Single Pass	950	8,170	2,850
21014	55 - Plate Dual Pass	450	3,870	1,350

Eco Plate Cooler Parts

21016 - Eco plate with gasket
20807 - Bracket for Plate Cooler

21018 - Eco Inlet/outlet gasket
21017 - Eco Plate gasket, only

TUBE COOLERS

E-Zee's low maintenance, all stainless tube coolers are only available in 10' lengths. Comes with a 3" tri clamp fitting on each end, and the water fittings are for 2" NPT. The interior consists of 30 small stainless steel tubes.



10380 - 3" tube cooler, 30 tube - 10' length

54432 - 3" x 1½" concentric reducers

54462 - 3" x 1½" eccentric reducers

10355 - Complete reducer kits

Includes: 1 eccentric 1½" x 3" reducer, 1 concentric 1½" x 3" reducer, 2 - 3" clamps, and 2 - 3" gaskets



CUSTOM SIZES AVAILABLE - PLEASE CALL FOR MORE INFORMATION

CIP's AND PARTS

These heavy duty all stainless CIP racks are designed to fit almost any style of claw, including the 300cc or the Harmony®.

HEAVY DUTY RACK

- 10240** - Heavy duty CIP rack, *only*
- 10250** - Complete assembly, less u-bolts, *with 7350 cups for 06 shell*
- 10252** - Complete assembly, less u-bolts, *with 7340 cups for BM shell*
- 10254** - Complete assembly, less u-bolts, *with 7330 cups for Surge® and Universal® shells*
- 10256** - Complete assembly, less u-bolts, *with 7360 cups*
- 10248** - U-Bolt assembly, (2" ID x 3" long - 2 needed)



HIGH POLISH FINISH

*U-bolts to mount the racks are sold separately
2 needed per rack*

LIGHT DUTY RACK

- 10235** - Light duty wire style CIP rack, *only*
- 10236** - Complete assembly, *with 7350 cups for 06*
- 10237** - Complete assembly, *with 7340 cups for BM*
- 10238** - Complete assembly, *with 7330 cups for Surge®*
- 10239** - Complete assembly, *with 7360 cups*



CIP RACK ASSEMBLIES

INCLUDE:

*Stainless CIP tee, duckbill drain
and 4 jetter cups*



RUBBER CUPS ONLY for Heavy Duty and Light Duty CIP Racks

- 25160** - 7350 for DL shells, *1 3/8" ID opening*
- 25161** - 7340 for BM shells, *1 1/2" ID opening*
- 25162** - 7330 for Surge® shells, *2" ID opening*
- 25163** - 7360 for DL 6100 shells and also for some Westfalia® shells, *1 1/2" ID opening*

KLEEN-FLO® DRAWER STYLE CIP RACK AND PARTS

Compact, high quality, stainless steel Drawer style CIP with excellent drainage. The rubber cups are a sturdy "snap in" style for quick attachment and removal. The bottom slot openings allow exceptional drainage.

- 10261** - Complete CIP Rack assembly, *with 27325 rubber cups for DL, tee and duckbill*
- 10262** - Complete CIP Rack assembly, *with 27322 rubber cups for BM, tee and duckbill*
- 10265** - Drawer style CIP rack, *only*
- 10268** - Black knob for drawer
- 10269** - Stop guide for drawer
- 27325** - Rubber cup, *for DeLaval® or Westfalia®*
- 27322** - Rubber cup, *for BouMatic® or Surge®*



*Drawer size
12" long
8 1/2" wide x
2 1/4" deep*



10361
- CIP
Distributor
Tee, *in line*



10360
- CIP
Distributor
Tee, *out of line*



10364
- CIP Distributor
without tee



54589
- Stainless tee
5/8" ID- 3/4" OD

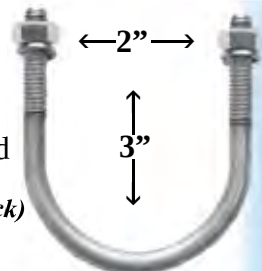
18037
- Duckbills



59206
- Plastic
restrictors
for CIP Tee



10248
- Stainless
U-Bolts
with nuts and
washers
(2 needed per rack)



25168
- Old Style
Replacement
jetter cup for
DL wash rack
(7310)



NOT SHOWN

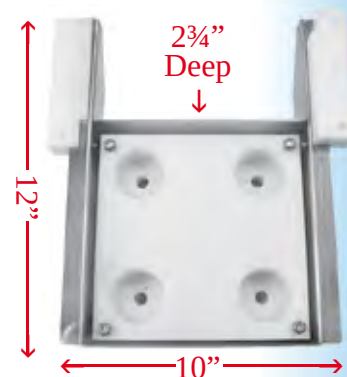
10362 - CIP Distributor Tee, *Vented 0.078, #47, out of line*

CIP's AND PARTS

This CIP mounts with side blocks. The tray has stops so the drawer cannot be pulled out. The drain is a 5/8" ID stainless nipple coming straight out of the bottom

UNDER CURB SLIDING CIP ASSEMBLY LESS MOUNTING PLATE

- 10272** - 52mm version; {52mm actual size} for LS01 DL liner
- 10274** - 47mm version; {47mm actual size} for smaller head inflation
- 10275** - 51mm version; {49.5mm actual size} for DL or WF shell
- 10276** - 55mm version; {55mm actual size} for Milkrite Silmax® or Impulse IP3®
- 10277** - 57mm version; {56.5mm actual size} for Surge®, BM or Vision
- 10278** - 52mm version; {50.5mm actual size} for GEA® Inflation on IQ® claw



UNDER CURB CIP BLOCKS, ONLY

- 10280** - 55mm delrin block {55mm actual size}; Milkrite Silmax® or Impulse IP3®
- 10281** - 47mm delrin block {47mm actual size}; for smaller head inflations
- 10282** - 51mm delrin block {49.5mm actual size}; for DL or WF shells
- 10283** - 57mm delrin block {56.5mm actual size}; for Surge®, BM or Vision
- 10284** - 52mm delrin block {50.5mm actual size}; for GEA® inflations on IQ® claw
- 10307** - 52mm delrin block {52mm actual size}; for LS01 DL liner
- 10289** - Custom order CIP block

PARTS FOR UNDER CURB CIP

- 10279** - O-ring
- 10286** - Set of 2 mounting slides
- 10273** - Drain assembly, for Drawer or Fold Down CIP rack
- 10285** - Stainless mounting plate, for Under Curb CIP rack

10285



This sturdy fold down CIP only requires minimal curb space when in upright position 5/8" wash nipple comes out the side to avoid pinching the hose when unit is lowered

FOLD DOWN CIP TRAY ASSEMBLY

- 10291** - 51mm {49.5mm actual size}; for DL or WF shell
- 10292** - 57mm {56.5mm actual size}; for Surge®, BM or Vision
- 10293** - 47mm {47mm actual size}; for smaller head inflation
- 10294** - 52mm {50.5mm actual size}; for GEA® Inflation on IQ® claw
- 10295** - 55mm {55mm actual size}; for Milkrite Silmax® or Impulse IP3®
- 10271** - 55mm {55mm actual size}; for LS01 DL liner



FOLD DOWN CIP BLOCKS, ONLY

- 10301** - 52mm delrin block {50.5mm actual size}; for GEA® Inflation on IQ® claw
- 10302** - 47mm delrin block {47mm actual size}; for smaller head inflations
- 10303** - 51mm delrin block {49.5mm actual size}; for DL or WF shell
- 10304** - 57mm delrin block {56.5mm actual size}; for Surge®, BM or Vision
- 10305** - 55mm delrin block {55mm actual size}; for Milkrite Silmax® or Impulse IP3®
- 10306** - 52mm delrin block {52mm actual size}; for LS01 DL liner
- 10289** - Custom order CIP block

MISCELLANEOUS PARTS

- 10273** - Drain assembly, for Drawer or Fold Down CIP rack
- 10298** - Set of 4 stainless bolts & nuts for fold down CIP
- 10299** - Stainless collar with setscrew for fold down CIP
- 10270** - Delrin reducer for CIP from 57mm to 51mm



10270

**CUSTOM
SIZES
AVAILABLE**

REPLACEMENT H MANIFOLD FOR DL CIP

NEW



21775



21755



21756

- 21775** - Plastic H manifold, *for fold down CIP for DL*
- 21755** - White radel CIP Rod, *for H manifold*
- 21756** - Stainless CIP Rod, *for H manifold*
- 21761** - Jetter cup for DL H block, *for BM shell (7313)*
- 21760** - Jetter cup for DL H block, *for 06 shell (7312)*
- 21757** - O-ring

HAND SINK

HOLDS 4.5 GALLONS
DIMENSIONS 17¼"W x 16¼"L x 6½"D

78280 - Complete hand sink
with mounting bracket, faucet and drain

78284 - Faucet for hand sink

21385 - Drain assembly
with rubber stopper, 1¼" threads



WHITE NYLON WASH PLUGS

3"

78405 - 4 piece - 3" wash plug set, *less tee*
Includes: 2 gaskets, 1- short plug and 1- long plug

78400 - 5 piece - 3" wash plug set
Includes: 1- 3" tee, 2 gaskets, 1- short plug and 1- long plug

54329 - 3" Pipeline gasket

54313 - 3" Tri clamp tee

78406 - Short 3" wash plug

78407 - Long 3" wash plug



2"

78392 - 4 piece - 2" wash plug set, *less tee*
Includes: 2 gaskets, 1- short plug and 1- long plug

78390 - 5 piece - 2" wash plug set
Includes: 1- 2" tee, 2 gaskets, 1- short plug and 1- long plug

54327 - 2" Pipeline gasket

54312 - 2" Tri clamp tee

78394 - Short 2" wash plug

78395 - Long 2" wash plug



AIR BLOW VALVE AND PARTS

10670 - 2" Air blow valve,
for 1½" check Y, ¾" NPT

10674 - Stainless top

10677 - Spring

10678 - Stainless clip

10685 - 1½" solid stainless screen

10695 - 2" solid stainless screen

10681 - Rubber shutoff with stem

10687 - Filter (pack of 10)



10685

MILK WASH DIVERter VALVES



78365 - Stainless 2"

78367 - Stainless 2½"

78369 - Stainless 3"

78371 - Stainless 4"

WASH VATS

OUR VERTICAL WASH VATS ARE MADE FROM HEAVY DUTY 16 GAUGE STAINLESS STEEL.

VERTICAL WASH VATS WITH LIDS

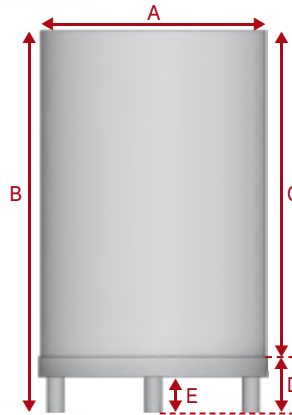
WITHOUT SIGHT GLASS

- 27050 - 50 gallon
- 27075 - 75 gallon
- 27100 - 100 gallon
- 27125 - 125 gallon
- 27175 - 175 gallon
- 27225 - 225 gallon

WITH SIGHT GLASS

- 27051 - 50 gallon
- 27076 - 75 gallon
- 27101 - 100 gallon
- 27126 - 125 gallon
- 27176 - 175 gallon
- 27226 - 225 gallon

The 4 stainless legs on the bottom of this vat are designed to fit a standard 1½" OD tubing inside them. This allows the vat to be adjusted to whatever height is desired.
The drain on these vats consists of a 2" OD, standard tubing (non threaded) and accepts the yellow motorized drains.



VERTICAL WASH VAT MEASUREMENTS

	A	B	C	D	E
50 gal.	26"	36"	27"	9"	7"
75 gal.	26"	41"	38"	3"	1"
100 gal.	26"	57"	48"	9"	7"
125 gal.	31"	50"	40"	9"	7"
175 gal.	31"	66"	57"	9"	7"
225 gal.	34"	59"	50"	9"	8"

27040



- 27004 - Leg extensions, for wash vats - Includes: 4 - 18" extensions
- 27040 - Stainless cover with hinge, for vertical 50, 75 or 100 gallon wash vats
- 27042 - Stainless cover with hinge, for vertical 125 or 175 gallon wash vats

All measurements listed below are from one inside wall to the next inside wall. The width of all vats are 18" and the depth of all vats are 12". When filled with water, 2" from the top, the capacity of them is 0.61 gallons per inch. Take this times the length of the compartment and it gives you the capacity of the vat.

HORIZONTAL - SINGLE WASH VATS

- 21370 - 22"
- 21378 - 29"
- 21371 - 36"
- 21372 - 49"
- 21373 - 60"
- 21374 - 72"

All horizontal wash vats include stainless steel drain assembly and rubber stopper. Leg or wall brackets sold separately.

HORIZONTAL - DOUBLE WASH VATS

- 21365 - 22" x 22"
- 21367 - 22" x 29"
- 21380 - 22" x 36"
- 21369 - 22" x 49"
- 21375 - 29" x 29"

MADE WITH 22 GAUGE STAINLESS STEEL



DRAIN ASSEMBLY

- 21385 - Drain assembly, with rubber stopper, 1¾" threads
- 21382 - Drain nut
- 21384 - Rubber washer, for drain
- 21387 - Rubber stopper, for drain

BRACKETS

Sold as a set

- 21390 - Wall brackets, (2) for horizontal wash vat
- 21392 - Leg brackets, (2) for horizontal wash vat

All measurements listed below are from one inside wall to the next inside wall. The inside width of the deeper vats is 22" and the inside depth is 15½". The capacity equals 1 gallon per 1 inch.

HORIZONTAL WASH VAT - SINGLE - DEEPER STYLE

- 21355 - 30" = 30 gals.
- 21356 - 40" = 40 gals.
- 21357 - 50" = 50 gals.
- 21358 - 60" = 60 gals.

BRACKETS FOR DEEPER VATS

Sold as a set

- 21397 - Wall Brackets, (2) for deeper wash vat
- 21398 - Leg Brackets, (2) for deeper wash vat

CALL US FOR PRICES ON OUR DISCOUNTED "SECONDS"
HORIZONTAL WASH VATS - VARIOUS SIZES ARE AVAILABLE

VERTICAL MILK/WASH VAT

VAT WITH HINGED LID

- 27020 - 85 gal.
- 27021 - 115 gal.
- 27022 - 150 gal.
- 27023 - 195 gal.
- 27036 - 225 gal.
- 27024 - 275 gal.
- 27039 - 400 gal.

HINGED LID, ONLY

- 27005 - For 85 gal. 26" dia.
- 27006 - For 115, 150 & 195 gal. 30" dia.
- 27007 - For 225 & 275 gal. 36" dia.

VAT WITH SOLID LID

- 27025 - 85 gal.
- 27026 - 115 gal.
- 27027 - 150 gal.
- 27028 - 195 gal.
- 27037 - 225 gal.
- 27029 - 275 gal.

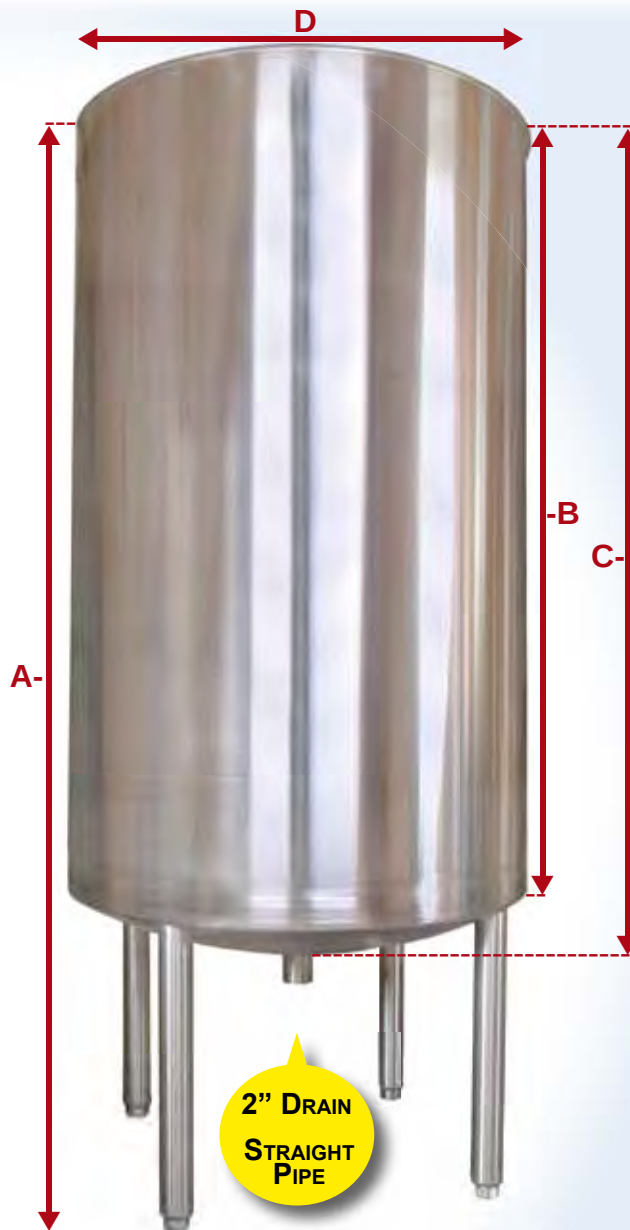
SOLID LID, ONLY

- 27010 - For 85 gal. 26" dia.
- 27011 - For 115, 150 & 195 gal. 30" dia.
- 27012 - For 225 & 275 gal. 36" dia.

VAT WITHOUT LID

- 27030 - 85 gal.
- 27031 - 115 gal.
- 27032 - 150 gal.
- 27033 - 195 gal.
- 27035 - 225 gal.
- 27034 - 275 gal.

- 27019 - Leg base, sold individually
(as seen on bottom of legs in picture)



VAT MEASUREMENTS

	A	B	C	D
85 gal.	54"	36"	39"	26"
115 gal.	54"	36"	41"	30"
150 gal.	66"	48"	53"	30"
195 gal.	78"	60"	65"	30"
225 gal.	66"	58"	49"	36"
275 gal.	78"	61"	66"	36"

SPRAY BALL UNIT FOR VERTICAL VAT

27017 - 3" tri cap with 1½" x 16" pipe with spray ball



27016 - 1½" spray ball only, with 360° spray pattern

27018 - Custom made spray ball with pipe

~ CUSTOM SPRAY BALL UNITS AVAILABLE ~

DEPEND-O-DRAINS AND PARTS

WE ONLY OFFER A 30 DAY WARRANTY ON DEPEND-O-DRAINS

YELLOW MOTORIZED DRAIN with black splash cover plate flapper style

22023 - 120 volt Depend-o-drain - normally open (DOD #20240401)

22025 - 240 volt Depend-o-drain - normally open (DOD #20241402)

22033 - 24 volt AC Depend-o-drain, standard - normally open



GREY MOTOR COVER, ball valve style

22022 - 120 volt Depend-o-drain - normally open (DOD #20730510)

22032 - 240 volt Depend-o-drain - normally open (DOD #20731810)

22020 - 120 volt Depend-o-drain - normally closed (DOD #20750400)

22019 - 240 volt Depend-o-drain - normally closed (DOD #20753421)

22034 - 24 volt AC Depend-o-drain, standard - normally open (DOD #20738121)



PARTS

22035 - 120 volt Transformer

22036 - 240 volt Transformer

22037 - 24 volt Transformer

22024 - 120 volt Motor, *only*

22026 - 240 volt Motor, *only*

22027 - 4 piece Depend-o-drain seal plate assembly
Includes: *Stainless plate for rubber seal, rubber seal, spring & screw.*
These parts come assembled.

67233 - 2" x 2" flexible coupling

22045 - Clear 2" plastic tubing coupling kit for drain, *also fits 1½" Drain*



22035

22024



NEW

22045



BENDER WASHERS AND PARTS

78540 - Bender diverter, 120 volt

78541 - Bender diverter, 240 volt

78536 - Bender diverter solenoid, 120 volt

78538 - Bender diverter solenoid, 240 volt

78542 - Stopper rod assembly, *for Bender diverters*

78546 - Bender diverter gasket (2 needed per diverter)

78548 - Bellow for Bender diverter

78548



78500 - #8500 Bender Washers, 120 volt

78501 - #8500 Bender Washers, 240 volt

78507 - O-ring seal, *for jar on Bender Washer*

78515 - Detergent and acid jar, *for 8500 Bender washer*

78517 - Knob *for 8500 Bender washer*

78725 - Timer with harness, *for Delaval® 3000, 8500 & 9750 washers*

78750 - Timer only - 120V #9750 (no harness)

78751 - Timer only - 240V #9750 (no harness)

78750-1 - Wiring harness, *only for 78750 timer*

78569 - Pressure switch, *for Bender Washer*

78510 - Detergent top assembly, *for 8500 washer*



78495 - Honeywell
limit switch
for washers



78425 - Older style
MAC valves
*for Surge®
Vacuum Wash Control*

KLEEN FLO PNEUMATIC BUTTERFLY VALVES

NORMALLY OPEN AVAILABLE UPON REQUEST



17171

FERRULED

- 17161** - 1½" Tri clamp valve
- 17162** - 2" Tri clamp valve
- 17163** - 2½" Tri clamp valve
- 17164** - 3" Tri clamp valve
- 17165** - 4" Tri clamp valve

WELD ON

- 17171** - 1½" Weld on valve
- 17172** - 2" Weld on valve
- 17173** - 2½" Weld on valve
- 17174** - 3" Weld on valve
- 17175** - 4" Weld on valve

SEALS (BLACK)

- 17051** - 1½" Butterfly valve seal
- 17052** - 2" Butterfly valve seal
- 17053** - 2½" Butterfly valve seal
- 17054** - 3" Butterfly valve seal
- 17055** - 4" Butterfly valve seal

17177 - Air hose connection elbow,
for Pneumatic valve



17177



17051

KLEEN FLO BUTTERFLY VALVES

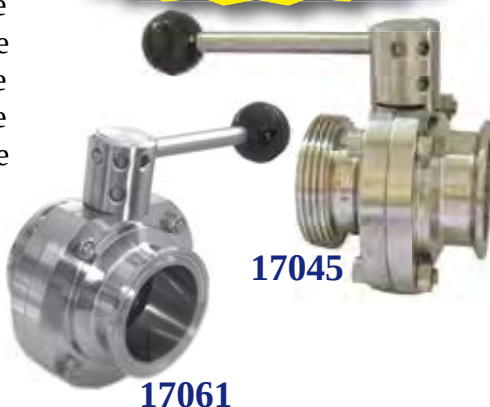
FERRULED

- 17061** - 1½" Tri clamp valve
- 17062** - 2" Tri clamp valve
- 17063** - 2½" Tri clamp valve
- 17064** - 3" Tri clamp valve
- 17065** - 4" Tri clamp valve

WELD ON

- 17071** - 1½" Weld on valve
- 17072** - 2" Weld on valve
- 17073** - 2½" Weld on valve
- 17074** - 3" Weld on valve
- 17075** - 4" Weld on valve

3 LOCKING POSITIONS 304 STAINLESS



TRI CLAMP X THREAD

- 17045** - 1½" Tri clamp x Thread
- 17046** - 2" Tri clamp x Thread
- 17047** - 2½" Tri clamp x Thread
- 17048** - 3" Tri clamp x Thread

SEALS (BLACK)

- 17051** - 1½" Butterfly valve seal
- 17052** - 2" Butterfly valve seal
- 17053** - 2½" Butterfly valve seal
- 17054** - 3" Butterfly valve seal
- 17055** - 4" Butterfly valve seal

CUSTOM SIZES AND CONNECTIONS AVAILABLE BY SPECIAL ORDER ONLY

BULK TANK VALVES

- 17111** - 1½" Bevel seat to thread, *includes nut*
- 17112** - 2" Bevel seat to thread, *includes nut*
- 17113** - 3" Bevel seat to thread, *includes nut*



4 LOCKING POSITIONS 316 STAINLESS

SEALS (ORANGE)

- 17091** - 1½" Butterfly valve seal
- 17092** - 2" Butterfly valve seal
- 17090** - 2½" Butterfly valve seal
- 17093** - 3" Butterfly valve seal
- 17094** - 4" Butterfly valve seal

OTHER SIZES BY SPECIAL ORDER

REPLACEMENT PARTS FOR 4 LOCKING VALVES

- 17086** - Knob only
- 17085** - Set screw, *for 4 place locking butterfly valve*
- 17087** - Handle *w/locking Assembly for 1" to 3"*
- 17088** - Handle *w/locking Assembly for 4"*

BACKFLUSH VALVE AND PARTS

- 96550** - Backflush valve, *7/16" - 20" thread on teflon block and cylinder*

- 96536** - Spring
- 96538** - Pin
- 96548** - Cylinder
- 96541** - Right hand plate
- 96545** - Threaded mounting plate
- 96533** - Left hand plate w/tube, *straight*
- 96543-1** - Left hand plate w/tube, *threaded*



WATER VALVES FOR PIPELINE WASHERS

- 22029** - 120V Dual water valve, *complete assembly*
- 22028** - 240V Dual water valve, *complete assembly*
- 20990** - 120V Coils, *for Water Valve*
- 20989** - 240V Coils, *for Water Valve*
- 22004** - Repair kit, *for Water Valve*
Double valve requires 2
- 22031** - 120V Single water valve, *complete assembly*
- 22030** - 240V Single water valve, *complete assembly*



NEW...SINGLES NOW AVAILABLE

ELECTROBRAIN® WASHER PARTS

- 21005** - Jar gasket
- 21001** - White teflon cam, *for jar holder*
- 05280** - Retrofit kit *less* jars
(#7750-0033-502)
- 05281** - Retrofit kit *with* jars
(#7750-0033-503)
- 05285** - Plastic jar, *for Electrobrain®*
(#7750-0014-095)



HOLDREN BROTHERS

MODEL 3 TANK WASHER

80001600NP

- Model 3 Tank Washer
120 VAC

MODEL 12 PIPELINE WASHER

80001660NP

- Model 12 Pipeline Washer
120 VAC



FEATURES

- Wall mounting of control panel keeps components away from the corrosive environment near the wash vat.
- The Model 3 & Model 12 is internally fused for added safety.
- One piece manifold directs water without problems of leaking hoses.

80010008NP - 8 - Cam Timer Assembly, *only (No Segments)*

80010012NP - 12 - Cam Timer Assembly, *only (No Segments)*

80010014NP - 14 - Cam Timer Assembly, *only (No Segments)*

70000011NP - Coated Quart Jar

80002080NP - Segment Kit
(12 Each of 4 Colors)

MODEL 4 PORTABLE PUMPING UNIT

The Pumping Unit can be installed on any atmospheric or vacuum type bulk tank.

80001550NP - Holdren Tank Washer Complete

The following items are needed, but are not included with the Pumping Unit and should be ordered separately.

80000164NP - Locking adaptor - 1½"

80000165NP - Locking adaptor - 1⅞"

80000625NP - Suction hose plug

80000186NP - Spray Stick, *for Vacuum Tank Under 16'*

80000189NP - Spray Stick, *for Vacuum Tank Over 16'*

80001625NP

- Model 4 Portable
Pumping Unit
120 VAC



MODEL 23 CONTROL PANEL



80001735NP

- Model 23 Control Panel
120 VAC

The Model 23 Pipeline Washer is designed to automatically clean and sanitize dairy farm pipelines with minimal labor and expense. The 24 hour sanitize timer allows the user to set the time of day the pipeline will be automatically sanitized. The modular unit can be connected to the dairyman's choice of remote water and chemical systems.

BENEFITS

- Helps prevent component corrosion.
- Protects components from electrical shorts.
- Easy to tailor the washing cycles to fit the requirements of the system.
- Is not affected by power outages or electronic freeze-ups.
- More reliable and lower replacement costs.
- Isolates high voltage from control unit.
- Easier and faster installation.
- Assures proper water level in wash vat regardless of fluctuations in water pressure.

**See page 54
for water valves**

JETTER WASH SYSTEM



The jetter wash system has been specifically designed to wash the NuPulse claw. Peak efficiency and total simplicity are key features.

10090NP - 2" Standard Jet Wash System

Includes: Jetter Hose with Adaptor & Mounting Kit

JET WASH REPLACEMENT KIT

10084NP

- Complete Kit

Includes:

- 4-Jets
- 4-Jet spacer rings
- 4-Jet circlips
- 4-O-rings

NUPULSE® 1 COW OR 2 GOAT UNIT CLAW WASHER

10125NP -

Washer
for Std Cow Milker

10126NP -

Washer
for Goat Milker



NEW STYLE KLEEN-FLO® WASHER

*This unit is shipped fully assembled and ready to hook up.
Designed for cleaning milking clusters on a vacuum operated system.*

COMPLETE CLAW WASHER ASSEMBLIES

- 56200** - Complete 10" claw washer, *6 unit*
- 56201** - Complete 15" claw washer, *6 unit*
- 56201-1** - Complete 15" claw washer, *8 unit*
- 56201-2** - Complete 15" plate cooler washer

CLAW WASHER PARTS

- 56202** - Stainless wall bracket *for 10" washer*
- 56203** - Stainless wall bracket *for 15" washer*
- 56209** - Weight (*2 needed*)
- 56210** - Clip pin (*2 needed*)
- 56211** - Rod spring
- 56212** - Stainless steel float
- 56213** - Gasket, *for clear sight tube (2 needed)*
- 56214** - Clear sight tube, *10"*
- 56215** - Clear sight tube, *15"*
- 56216** - Bottom dome, *with 6 - 5/8" ports*
- 56235** - Bottom dome, *with 6 - 3/4" ports*
- 56240** - Bottom dome, *with 8 - 5/8" ports*
- 56237** - Bottom dome *for plate cooler washer, with 1 - 7/8" port*
- 56217** - Bracket gasket, *for under bottom dome*
- 56218** - Drain hose
- 56219** - Check valve assembly, *for drain hose*
- 56220** - Ball *only, for drain assembly*
- 56221** - Clip pin, *for drain assembly*
- 56377** - 5/8" pipeline nipple closure
- 56259** - Stainless e-clip, *for washer rod*
- 56245** - Valve guide block, *without bushing*
- 56252** - New style stainless dome, *with 23/32" hole*
- 56267** - 15" rod assembly for new style washer, *with valve head and rod seal*
- 56269** - 10" rod assembly for new style washer, *with valve head and rod seal*
- 56256** - New style valve head
- 56261** - New style 15" rod, *only*
- 56263** - New style 10" rod, *only*
- 38215** - Blue elbow, *with 3/8" thread*
- 38211** - Rubber seal, *for releaser rod*
- 56275** - Kit to change 15" *old style* washer to *new style*
- 56276** - Kit to change 10" *old style* washer to *new style*

ALTO® WASHER PARTS

- 38310** - Gasket
- 38316** - Small O-ring *for rod on Alto Washer*
- 38317** - E-clip
- 56212** - Stainless Float
(plastic no longer available)



OLD STYLE WASHER PARTS

- 56204** - Yellow elbow
- 56205** - Valve guide block
- 56206** - Top stainless dome
- 56207** - Rod assembly, *with rubber seal*
- 56208** - Rubber seal, *for rod assembly*
- 56230** - Valve head, *for guide rod*
- 56231** - 15" Guide rod
- 56232** - 10" Guide rod

WF CLAW WASHER PARTS

- 05526** - Black Diaphragm, *for claw washer (0004-2402-870 WF/S)*
- 05527** - White Diaphragm, *for claw washer (0004-1651-750 WF/S)*

WASH TUBS FOR CLAWS *(for bucket systems)*

- 56195** - 4 unit claw wash tub
- 56197** - 5 unit claw wash tub
- 56199** - Stainless hook *for claw wash tub*

DAIRY CLEAN® CIP SYSTEMS

PERISTALTIC CHEMICAL PUMPS

DAIRY PRO



79332

The DAIRY PRO unit has a timer board for each pump. The unit needs at least a 5 second trigger from the CIP system and it will run the pump according to the time set on the board. Max run time is 3½ minutes per pump. Each pump will dispense 32 oz of water to thin chemical per minute.

- 79332** - Dairy Pro 3000®, 32 oz dispenser
- 79334** - Roller assembly for Dairy Pro 3000®
- 79335** - Tubes for Dairy Pro 3000®
- 79340** - 3/8" Tubing for chemical pump (100' roll)
- 79337** - Motor & gearbox

DEMA



79350

- 79350** - Dema® 50 oz dispenser
- 79354** - Roller assembly
for Dema 50oz dispenser
- 79360** - Dema 50 oz dispenser 110V,
without circuit board
- 79355** - Tubes for Dema® 50 oz dispenser

REPLACEMENT MUELLER® PARTS

- 59998** - Hiperform board
- 59990** - ¾ HP stainless impeller
- 59994** - 1½ HP stainless impeller

NEW

59996 -
Jar o-ring,
for Mueller washer

NEW

59997 - Manway gasket,
for Mueller tank

59998



59994

59990

AIR INJECTORS

KLEEN-FLO® HIGH CAPACITY AIR INJECTORS AND REPLACEMENT PARTS

This Air Injector is designed for both large and small dairies. It comes with 2 end caps drilled out in different sizes to fit your needs. The diaphragm interchanges with the D/L Air Injector.



- 78775** - Complete Kleen-Flo® 120 Volt Air Injector Package
Includes: control box and a 2" stainless remote valve
- 78766** - Complete Kleen-Flo® 120 Volt Air Injector Package
Includes: control box and a 1½" stainless remote valve
- 78776** - Dual Air Injector Package *Includes: 2 - 2" stainless remote valves*
- 78767** - Dual Air Injector Package *Includes: 2 - 1½" stainless remote valves*
- 78785** - Vacuum piloted remote air injector valve, 2"
- 78782** - Vacuum piloted remote air injector valve, 1½"
- 78778** - 120 Volt air injector control box *with #78820 board*
- 78410** - 120 Volt Mac valve solenoid for Delaval® air injector
- 78795** - Diaphragm, *Includes: Delrin Spool*
- 78798** - Filter
- 78812** - Plastic 1½" end cap, *without hole*
- 78814** - Plastic 2" end cap, *without hole*
- 78802** - Plastic 1½" end cap, *with ¾" hole*
- 78804** - Plastic 1½" end cap, *with 1" hole*
- 78806** - Plastic 1½" end cap, *with 1¼" hole*
- 78810** - Plastic Delrin spool
- 78825** - 12 Volt air injector control box, *without remote*
- 78828** - 12 Volt air injector control box, *with 2" stainless remote valve*
- 99976** - 2 AMP breaker



**ALL
STAINLESS
REMOTE**



78795



REPLACEMENT CIRCUIT BOARD FOR KLEEN-FLO® AIR INJECTOR

• Specially designed with "Trombone" systems in mind • 120 VAC input and output • ON/OFF Times adjustable from .5 seconds to 31.5 seconds in ½ second increments via on board dip switches

78820 - Replacement board for Kleen-Flo®, Delaval® or Surge® air injectors

E-ZEE/NUPULSE AIR INJECTORS AND REPLACEMENT PARTS



31700NP
- NuPulse Wash
Diverter

- Full 2" Flow Through Capacity
- Handles the Output of Almost Any Milk Pump
- Low Maintenance
- Quiet Operation
- Easily adapts to a PVC drain pipe

- Mounts on 2" Tri clamp
- Quiet Operation
- Precise Air Adjustment
- Easy Timing Adjustment
- Filtered Air
- Simple to Install



31850NP
- NuPulse Whisper Jet
Air Injector

D381673NP - Diaphragm, *for Diverter and Air Injector*

D498743NP - 2" Valve Assembly, *for Whisper Jet*

A31837NP - Model 420 120VAC Humphrey Valve

A31839NP - Model 420 240VAC Humphrey Valve



**78955
&
78956**

- 2" Ferrule for Air Injector
- Cleans Milk Lines Thoroughly
- Simplifies the Washing Setup
- Less Piping from Milk Room to Parlor
- Cleaner Milking Equipment

78955* - Slugger air injector assembly for single 3" line, *less air injector*

78956* - Slugger air injector assembly for single 4" line, *less air injector*
*Straight pipe not included - length to be determined at each installation

78945 - NuPulse Slugger Assembly, *Complete with Whisper Jet Air Injector*



78945

RJB DIPPERS AND PARTS

RJB TOP & SIDE DIPPERS OFFER A UNIQUE WAY TO DIP TEATS

RJB Top & Side Dippers will generally reduce the amount of dip you are currently using by 25 to 75%.
(Depending on your present teat dip application method)

These Dippers are made from the latest technology in engineered plastics to give you a durable and quality teat dip cup that will last many seasons.

TOP

SIDE



- 76556 - Top Dipper, *red*
- 76558 - Top Dipper, *yellow*
- 76561 - Top Dipper, *green*
- 76563 - Top Dipper, *blue*
- 76565 - Top Dipper, *clear*

- 76545 - Side Dipper, *red*
- 76547 - Side Dipper, *yellow*
- 76549 - Side Dipper, *green*
- 76551 - Side Dipper, *blue*
- 76552 - Side Dipper, *clear*

76603 - Bottle, clear for RJB dip cup

76606 - Clear teat guide

The Splash Guard Teat Guide (the clear ring) keeps the dip from spilling when the cup is rapidly moved from teat to teat.



TOP DIPPER & SIDE DIPPER FOAMING DIP CUPS

Using foamed sanitizer on a dairy cow is one way to extend the contact time of the sanitizer on the teat. The unique patented shape of the cup, allows the teat to completely fill the cup, giving complete coverage from the tip to the base of the udder. Only about 4 cc of dip is needed to produce enough foam to cover 4 teats.



76612 - Top Teat Foaming Dipper



76609 - Side Teat Foaming Dipper

Powr Dipper PLUS

76640 - PowrDipper PLUS, for cows with big teats



RJB REFILLABLE PORTABLE POWRSPRAYER II ~ POWRDIPPER II

Power up with a blast of compressed air and enough teat dip to effectively dip up to 140 cows with one filling

- 76661 - Portable PowrSprayer II, with 6" wand
- 76660 - Portable PowrSprayer II, with 10" wand

- 76656 - Portable PowrDipper II, with 6" wand
- 76655 - Portable PowrDipper II, with 10" wand
- 76659 - 6" wand only for Portable Power Dipper II

Sprays 24 fl. oz with one charge of air.



RJB DIPPERS AND PARTS

NEW IMPROVED



MICRO-TOUCH ELECTRIC TEAT DIP OR SPRAY PUMP

PowrPump™

Teat Sanitization Pump for the RJB range

76700 - Micro-Touch Electric Pump 120 volt,
with plastic enclosure



76709 - Clear vinyl tubing
100' Roll
(1/4" ID x 3/8" OD)



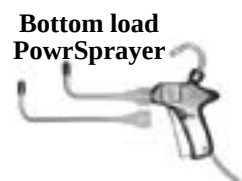
76718 - Drag hose, crack
and scuff 100' Roll
(1/4" ID x 3/8" OD)

25102 - 7/16" Silicone tubing

POWRDIPPERS ~ POWRSPRAYERS

SPRAYERS

- 76724** - Top load PowrSprayer, with 6" wand
- 76726** - Top load PowrSprayer, with 10" wand
- 76736** - Bottom load PowrSprayer, with 6" wand
- 76738** - Bottom load PowrSprayer, with 10" wand



DIPPERS

- 76728** - Top load PowrDipper, with 6" wand
- 76730** - Top load PowrDipper, with 10" wand
- 76732** - Bottom load PowrDipper, with 6" wand
- 76734** - Bottom load PowrDipper, with 10" wand



PARTS

- 76721** - Coil hose for Top Load gun, with fittings
- 76740** - 6" wand for PowrSprayer
- 76741** - 10" wand for PowrDipper
- 76742** - 10" wand for PowrSprayer
- 76743** - Sprayer nozzle - standard
- 76744** - Sprayer nozzle - narrow
- 76749** - Bottom load gun handle
- 76746** - RJB trigger valve for top load sprayer gun

76721



PORTABLE POWRDIPPER

76650 - Portable PowrDipper, with 6" wand

The Portable PowrDipper is the most efficient teat dip tool available today. The portable is worn by the person milking and has the advantage of always being ready to dip the teats just as the milking unit is removed. This helps to build a better teat dipping habit, since the sooner the teat is dipped after removing the milking machine, the better protection is against mastitis. The Portable PowrDipper, like the other PowrDippers, applies teat dip to the entire teat from its tip all the way to the bottom of the udder. It also uses up to 75% less dip and the tank contains enough solution to post dip up to 300 cows. Just a couple of pumps on the squeeze ball, supplies enough pressure to post dip 30 cows. If the person milking needs to momentarily leave the parlor, the dip tank can easily be removed and left in the parlor, without the need to remove the belt.



STAINLESS STEEL FITTINGS

18 GAUGE

54410-2 - 1½" - 440' per case

54412-2 - 2" - 220' per case

16 GAUGE

54409-2 - 1" - 300' per case

54411-2 - 1½" - 440' per case

54414-2 - 2" - 220' per case

54416-2 - 2½" - 280' per case

54418-2 - 3" - 220' per case

54419-2 - 4" - 200' per case

54405-2 - ⅝" ID - ¾" OD

54406-2 - ¾" ID - 7/8" OD

12 GAUGE

54420-2 - 6"

TUBING

NOTICE:
PRICES FOR TUBING ARE
PER FOOT AND SUBJECT TO
CHANGE WITHOUT NOTICE



CUTTING & WELDING CHARGES

20281 - Cutting tubing

20282 - Labor, to weld on ferrules for 1½", 2", 2½"

20283 - Labor, to weld on ferrules for 3", & 4"

20285 - Labor, for inlet welding ⅜", ⅝", ¾", 7/8"

20285-1 - Labor charge to weld 1" 54605 ferrule on pipe

NOTE: ALL 1" FITTINGS CONNECT WITH STANDARD 1½" FITTINGS.

90° ELBOWS ~ TRI CLAMP TO WELD ON

54551 - 1½"

54552 - 2"

54553 - 2½"

54554 - 3"

54555 - 4"



45° ELBOWS ~ TRI CLAMP TO WELD ON

54561 - 1½"

54562 - 2"

54563 - 2½"

54564 - 3"

54565 - 4"



90° ELBOWS ~ TRI CLAMP

54600 - 1"

54300 - 1½"

54302 - 2"

54301 - 2½"

54303 - 3"

54304 - 4"



90° ELBOWS ~ WELD ON

54601 - 1"

54306 - 1½"

54307 - 2"

54308 - 2½"

54309 - 3"

54305 - 4"



45° ELBOWS ~ TRI CLAMP

54602 - 1"

54361 - 1½"

54362 - 2"

54363 - 2½"

54360 - 3"

54365 - 4"



45° ELBOWS ~ WELD ON

54603 - 1"

54371 - 1½"

54372 - 2"

54370 - 2½"

54373 - 3"

54374 - 4"



SPECIAL TRI-CLAMP TEES

NEW



54622 - 2" x 1" x 2"

54623 - 2" x 1½" x 2"

54625 - 3" x 1½" x 3"

54624 - 2" x 1½" x 1½" x 2"

54626 - 3" x 1½" x 1½" x 3"

TEES ~ TRI CLAMP



54609 - 1"

54310 - 1½"

54312 - 2"

54311 - 2½"

54313 - 3"

54314 - 4"

TEES ~ WELD ON



54608 - 1"

54390 - 1½"

54391 - 2"

54392 - 2½"

54393 - 3"

54394 - 4"

STAINLESS STEEL FITTINGS

FERRULES ROLL ON

54607 - 1"
54330 - 1½"
54332 - 2"
54331 - 2½"
54333 - 3"
54334 - 4"



FERRULES ROLL ON FOR SURGE®

54384 - 1½"
54385 - 2"



FERRULES WELD ON

54383 - 1½"
54386 - 2"



FERRULES LONG WELD

54605 - 1"
54340 - 1½"
54342 - 2"
54341 - 2½"
54343 - 3"
54344 - 4"
54344-1 - 4" 16 gauge



FERRULES SHORT WELD

54604 - 1"
54350 - 1½"
54352 - 2"
54351 - 2½"
54353 - 3"
54354 - 4"
54354 - 4" 16 gauge



FERRULES ROLL ON FOR GLASS

54396 - 1½"
54397 - 2"



FERRULES WELD ON FOR GLASS

54398 - 1½"
54399 - 2"



PIPELINE CLAMPS ~ STANDARD

(Also called V-Bend Clamps)

54320 - 1½"
54322 - 2"
54321 - 2½"
54323 - 3"
54324 - 4"



PIPELINE CLAMPS ~ HEAVY DUTY

17130 - 1½"
17131 - 2"
17132 - 2½"
17231 - 3"
17232 - 4"
17135 - Wingnut, only



END CAPS WITH NIPPLE

61056 - 1½" with 5/8" nipple (¾" OD)
61057 - 1½" with ¾" nipple (7/8" OD)
61058 - 1½" with 7/8" nipple (1" OD)
61062 - 2" with 5/8" nipple (¾" OD)
61063 - 2" with ¾" nipple (7/8" OD)
61064 - 2" with 7/8" nipple (1" OD)



END CAPS ~ TRI CLAMP

STAINLESS
54291 - 1½"
54292 - 2"
54290 - 2½"
54293 - 3"
54294 - 4"



PLASTIC
78812 - 1½"
78814 - 2"

THREAD FERRULES WELD ON MALE

54531 - 1½"
54532 - 2"
54533 - 3"



BEVEL SEAT FERRULES WELD ON

54541 - 1½"
54542 - 2"
54543 - 3"



BEVEL SEAT FOR HEX NUTS

17126 - 1½"
17127 - 2"
17128 - 3"



HEX NUTS

17121 - 1½"
17122 - 2"
17123 - 3"



NEW ITEM



STAINLESS NIPPLES FOR MILK HOSE

99890 - 2½" X 5/8" ID - ¾" OD
99892 - 2" X ¾" ID - 7/8" OD

54630 - 4" X 5/8" ID
54631 - 4" X ¾" ID
54632 - 4" X 7/8" ID

**CUSTOM SIZES
AVAILABLE**

STAINLESS STEEL FITTINGS



GLASS COUPLINGS

54100
- 1½" Blue plastic
coupling assembly

54102
- 2" White plastic
coupling assembly



90° ELBOW

54596 - 5/8" ID x ¾" OD
54598 - ¾" ID x 7/8" OD



180° BEND

54592 - 5/8" ID x ¾" OD, 2½ radius
54594 - ¾" ID x 7/8" OD, 2½ radius



CUSTOM ELBOWS & BENDS ARE AVAILABLE

WASH Y'S ~ FERRULED

54616 - 1" Wash Y
54490 - 1½" Wash Y
54491 - 2" Wash Y
54492 - 2½" Wash Y
54493 - 3" Wash Y



WASH Y'S ~ WELD ON

54485 - 1½" Wash Y
54486 - 2" Wash Y
54487 - 2½" Wash Y
54488 - 3" Wash Y



CONCENTRIC REDUCERS ~ FERRULED

54610 - 1½" x 1"
54611 - 2" x 1"
54430 - 2" x 1½"
54431 - 2½" x 1½"
54432 - 3" x 1½"
54435 - 2½" x 2"
54436 - 3" x 2"
54440 - 3" x 2½"
54477 - 4" x 2"
54479 - 4" x 3"



ECCENTRIC REDUCERS ~ FERRULED

54612 - 1½" x 1"
54613 - 2" x 1"
54460 - 2" x 1½"
54461 - 2½" x 1½"
54462 - 3" x 1½"
54465 - 2½" x 2"
54466 - 3" x 2"
54470 - 3" x 2½"



TRI CLAMP X MALE NPT THREADED ADAPTOR

54535 - 1½"
54536 - 2"
54537 - 2½"
54538 - 3"
54539 - 4"



**CUSTOM STAINLESS
WORK IS AVAILABLE
UPON REQUEST**

STAINLESS STEEL FITTINGS

PIPELINE GASKETS

TRI CLAMP GASKETS ~ STANDARD

- 54326 - 1½"
- 54327 - 2"
- 54328 - 2½"
- 54329 - 3"
- 54325 - 4"



SILICONE GASKETS

- 54200 - 1½"
- 54201 - 2"
- 54202 - 2½"
- 54203 - 3"
- 54204 - 4"
- 99185 - 1" - *also used for sensor/shutoff*



GASKETS FOR SURGE® LINE

- 54381 - 1½"
- 54382 - 2"



180° U-BENDS ~ FERRULED



- 54511 - 1½" clamp on, 4½" on center
- 54512 - 2" clamp on, 6" on center
- 54513 - 2½" clamp on, 7½" on center
- 54514 - 3" clamp on, 9" on center
- 54515 - 4" clamp on, 12" on center

GASKETS FOR GLASS LINE

- 54318 - 1½"
- 54319 - 2"



BEVEL GASKETS

- 38196-1 - 1½"
- 38197-1 - 2"



**THINNER
STYLE**

- 38196 - 1½"
- 38197 - 2"
- 38199 - 3"



**THICKER
STYLE**

WHITE TEFLON GASKETS

- 54387 - 1½"
- 54388 - 2"
- 54377 - 2½"
- 54378 - 3"
- 54379 - 4"



180° U-BENDS ~ WELD ON



- 54521 - 1½" weld on, 4½" on center
- 54522 - 2" weld on, 6" on center
- 54523 - 2½" weld on, 7½" on center
- 54524 - 3" weld on, 9" on center
- 54525 - 4" weld on, 12" on center

MITERED BEND ~ FERRULED



- 54572 - 2½" clamp on, 6" on center
- 54574 - 3" clamp on, 6" on center
- 54576 - 4" clamp on, 6" on center
- 54577 - 4" clamp on, 9" on center



6" or 9" On Center

MITERED BEND ~ WELD ON



- 54582 - 2½" weld on, 6" on center
- 54584 - 3" weld on, 6" on center
- 54586 - 4" weld on, 6" on center
- 54587 - 4" weld on, 9" on center



6" or 9" On Center

MILK INLETS

CLAMP ON INLET



9/16" ID (1 1/16" OD)

- 56291 - 1 1/2" x 9/16"
- 56292 - 2" x 9/16"
- 56293 - 3" x 9/16"
- 56307 - 9/16" inlet *only*

5/8" ID (3/4" OD)

- 56310 - 1 1/2" x 5/8"
- 56311 - 2" x 5/8"
- 56312 - 3" x 5/8"
- 56309 - 4" x 5/8"
- 56305 - 5/8" inlet *only*

3/4" ID (7/8" OD)

- 56313 - 3" x 3/4"
- 56314 - 4" x 3/4"
- 56306 - 3/4" inlet *only*

7/8" ID (1" OD)

- 56295 - 3" x 1"
- 56296 - 4" x 1"
- 56308 - 1" inlet *only*

NIPPLE CLOSURES

56375

- Brown pipeline nipple closure
for 5/8" ID
(3/4" OD)



56377

- Black pipeline nipple closure
for 5/8" ID
(3/4" OD)



56379

- Brown pipeline nipple closure
for 3/4" ID
(7/8" OD)



56395

- Replacement closure
for Stainless DL manifold

CUSTOM SIZES AVAILABLE

5/8" ID (3/4" OD) INLETS

STANDARD MILK INLET WITH 90° BEND

- 56340 - 1 1/2"
- 56341 - 2"
- 56342 - 3"
- 56343 - 4"
- 56344 - 90° standard milk inlet nipple *only*



PARALLEL MILK INLET WITH 90° BEND

- 56335 - 1 1/2"
- 56336 - 2"
- 56337 - 3"
- 56338 - 4"
- 56339 - 90° parallel milk inlet nipple *only*



BLANK INLET COVER with pad and clamp



- 56346 - 1 1/2"
- 56347 - 2"
- 56348 - 3"
- 56349 - 4"
- 56345 - Blank inlet cover only,
less clamp and gasket

GASKET FOR 2" TO 4" PIPE

- 56303 - Gasket for 9/16" inlet (1 3/8" x 1 3/8" with 9/16" hole)
- 56301 - Gasket for 5/8" inlet (1 3/8" x 1 3/8" with 5/8" hole)
- 56302 - Gasket for 3/4" inlet (1 3/8" x 1 3/8" with 3/4" hole)
- 56304 - Gasket for 1" inlet (1 3/8" x 1 3/8" with 1" hole)

GASKET FOR 1 1/2" PIPE

- 56333 - Gasket for 5/8" inlet (1 1/8" x 1 1/8" with 5/8" hole)

CLAMP, ONLY

- 56315 - 1 1/2" Clamp
- 56316 - 2" Clamp
- 56317 - 3" Clamp
- 56318 - 4" Clamp



- 10650 - Replacement stainless
5/8" milk canes
for Vac-Saver For UN

- 03936 - Original
Universal® Gasket
for S/S Vac-saver inlet (909948)

REPLACEMENT MILK VALVES, CANES AND PARTS

BLUE MILK VALVES

The best quality of all the aftermarket milk valves.

56421 - 1½"

56422 - 2"

56423 - 2½"

56424 - 3"

56325 - Gray gasket, for top of Blue milk valve

56327 - Flat gasket, for bottom of Blue milk valve



PUSH-UP CANE FOR BLUE MILK VALVE



56320 - 5/8" Standard gooseneck

NOT SHOWN

56320-1 - 5/8" Standard gooseneck, Heavy Duty

PULL-DOWN CANE FOR BLUE MILK VALVE



56319 - 5/8" Reversed gooseneck

NOT SHOWN

56319-1 - 5/8" Reversed gooseneck, Heavy Duty

REPLACEMENT STAINLESS LIGHT DUTY MILK VALVES

56332 - Top seal for stainless milk valve

56333 - Bottom seal for stainless milk valve
(1 1/8" x 1 1/8" with 5/8" hole)

REPLACEMENT MILK VALVE PADS AND MILK CANES FOR SURGE®

20502 - Milk valve pad 2" x 5/8"

20503 - Milk valve pad 3" x 5/8"

20500 - Milk valve pad 2" x 9/16"

20504 - Milk valve pad 1½" x 9/16"

05265 - ORIGINAL pad 1½" x 5/8" (7750-0234-034 WF/S)

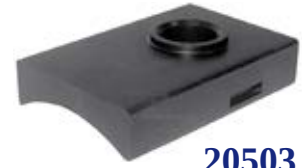
20508 - E-clip, Fors Surge® milk valve (per bag of 10)

20512 - Button spring, for Surge® milk valve

05270 - Spring, for 5/8" milk valve rod



20502



20503

17182 - 9/16" x 90° stainless milk cane

17184 - 9/16" x 45° stainless milk cane

17186 - 5/8" x 90° stainless milk cane

17189 - 5/8" x 45° stainless milk cane



17189



17186

REPLACEMENT INLETS, MILK CANES AND PARTS FOR DeLAVAL®

20884 - Inlet for 1½" pipe, 5/8"

20885 - Inlet for 2" pipe, 5/8"

20894 - Inlet for 1½" pipe, 9/16"

20895 - Inlet for 2" pipe, 9/16"

20886 - Inlet for 2½"-3" pipe, 5/8"

20879 - 9/16" x 135° plastic cane

20875 - 5/8" x 135° plastic cane

20878 - 9/16" x 90° plastic cane

20874 - 5/8" x 90° plastic cane

20880 - O-ring for 9/16" milk inlet

20882 - O-ring for 5/8" milk inlet

20910 - Arm for 1½" & 2" milk inlet

20911 - Arm for 2½" & 3" milk inlet

20912 - Arm with cap for 1½" & 2" milk inlet

GASKETS SOLD ON OPPOSITE PAGE



CHORE BOY PARTS

LOOK-IN CLAW PARTS

- 18072** - Look in claw body gasket
- 18073** - Look in claw inner air chamber gasket
- 18076** - New style air chamber gasket, *for top*
- 20619** - Center o-ring, *for look in claw*
- 61320** - Look in claw body
- 61324** - Thumb nut, *auto take off*
- 61325** - Look in claw nut
- 61326** - Look in claw retainer washer
- 61479** - Black alternating air manifold
- 61702** - Claw body cylinder

PULSE-PRO PULSATOR PARTS

- 18067** - Quad X ring (*stem seal*)
- 21173** - Coil to plate gasket
- 61506** - Filter cover plate
- 61512** - Black pulsator body
- 16106** - Pulse Pro gasket
- 21211** - GTA filter
- 21168** - Armature end cap
- 21169** - Armature end plug

INFLATIONS & AIR TUBES

- 12051** - Set of 4 Kleen-Flo® inflations
- 12057** - Set of 4 Kleen-Flo® inflations
- 12058** - Set of 4 Maxi Flo inflations
- 25154** - ¼" x 7½" Air tube

MILK PUMP PARTS

- 14775** - Seal assembly,
for Kleen-Flo® 2 HP pump with gasket
- 14800** - 2 HP Kleen-Flo® impeller clip
- 14102** - 2 HP Kleen-Flo®F pump head gasket
- 14106** - Knob for Kleen-Flo® 2 HP pump
- 14756** - Ceramic and rubber seal
- 14758** - Cotter pin, *for 1 HP Anderson pump*
- 59913** - Backplate for Ben Anderson pump
- 14766** - New style body gasket for 14767
- 59912** - 4 blade impeller for Ben Anderson pump
- 14770** - Rotating head assembly
- 14810** - 1 HP Kleen-Flo® seal assembly, *no gasket*
- 14768** - Repair kit, *for new style Anderson pump*

QUADRA-FLO CLAW PARTS

- 16107** - CT40 Cross rib gasket
- 18076** - New style claw air chamber gasket
- 61467** - Hose adaptor, *vented*
- 61478** - Black alternating air manifold,
for Quadra Flo claw

GTA PULSATOR PARTS

- 14030** - 60 RPM GTA Motor
- 16106** - Puls Pro gasket, *for valve plate*
- 18067** - Quad X ring
- 21211** - GTA filter
- 21214** - Pulsator body contact pins
- 61504** - GTA slide valve
- 61505** - GTA valve plate
- 61506** - Filter cover plate

STALLCOCK PARTS

- 61520** - GTA stallcock, *thread on style*
- 61499** - GTA stallcock, *with base and clamps*
- 21206** - Platform base with o-ring
- 18067** - Quad X ring
- 18068** - O-ring, *for stallcock base*
- 21198** - Stallcock cap
- 61503** - Stallcock body
- 61508** - Stallcock contact

DUMP CHAMBER PARTS

- 16513** - Lexan Dump chamber gasket
- 18026** - Dump chamber inlet valve

MISC. CHORE BOY PARTS

- 16500** - R 200 2-2 V gasket, *for 4⁹/₁₆" disc filter*
- 18011** - CP58 plain hose plugs *non-vented*
- 18046** - 7/8" ID, 11/16" grommet
- 18047** - Flap valve grommet
- 18055** - Streamline claw rubber cap
- 18056** - 1" drain rubber flap valve
- 20545** - Master control box timer
- 20547** - Master control box knob
- 20992** - Hot water valve
- 22003** - S-51 valve, *120 vac. coil*
- 22004** - Repair kit, *for blue water valve*
- 58605** - White rippled trap body assembly
- 59206** - Wash restrictor plug, *hole size 3/32*
- 61554** - Multi tap control box *AC output*
- 61594** - Multi Tap control box *DC output*

KLEEN-FLO PASTEURIZER

ALL STAINLESS STEEL TO PROTECT YOUR MILK QUALITY AND FLAVOR. **H**EAVY DUTY TWO-GALLON CAPACITY MILK PASTEURIZER USES THE SAME PRINCIPLES OF PRESSURIZED HEATING AND VACUUM-SEALED COOLING FOUND IN THE BEST COMMERCIAL PASTEURIZERS.

THERMOSTATIC CONTROL ENSURES PRESERVATION OF NATURAL FLAVOR WHILE ELIMINATING ALL HARMFUL BACTERIA. **T**HE MILK IS HEATED IN THE INNER MILK CONTAINER IN A HOT WATER BATH TO A PRESET TEMPERATURE OF APPROXIMATELY **158°** AT WHICH TIME A BUZZER SOUNDS. **H**OT WATER IS DRAINED OFF AND COLD WATER IS CIRCULATED TO COOL THE MILK.

PASTEURIZER INCLUDES INNER AND OUTER STAINLESS STEEL BUCKETS, LID, GASKET, HOSES AND INSTRUCTIONS.

SHIP WT. 12 LBS.

ADJUSTABLE THERMOSTAT



120 volt

30500 - 2 Gallon Kleen-Flo Pasteurizer
30560 - Heating Element for Pasteurizer

240 volt

30520 - 2 Gallon Kleen-Flo Pasteurizer
30565 - Heating Element for Pasteurizer

MISCELLANEOUS ITEMS

CLAMP FOR STAINLESS PIPE

54649 - 2½"
54650 - 1½"
54651 - 2"
54652 - 3"
54653 - 4"

CLAMP FOR PVC PIPE

54657 - 1½"
54654 - 2"
54655 - 3"
54656 - 4"

MOUNTING RAIL

54659 - 16"
54660 - 24"
54661 - 48"



17580

- Alternating
hose clip
for 5/8"

17578

- Alternating
hose clip
for 3/4"



D255657NP

- Triple hose clip



D255658NP

- Double hose clip

17586 -

Tension
hanger
For up to
2" line



17582 - Hose hook
with single loop 2"

17583 - Hose hook
with single loop 3"

10000

- Stainless
pipeline
carrying
hangers
with handles



17590 - 4' Bungee cord,
with clips and 3" hook

17589 - 4' Bungee cord,
with clips and 2" hook

17595 - 48" Bungee cord
without hook

17593 - Clip, only

17598 - Bungee cord, only (per foot)

HOSE ROUTING PORTS

**CUSTOM SIZES ARE AVAILABLE
UPON REQUEST**

- A sanitary method for coupling hoses in subway mounted equipment
- Waterproof connection
- Designed for a standard 3" tri clamp fitting



61080 - 4 nipple subway cap with 4" tubes

Includes: 2 - 9/32" (3/8" OD) tubes, 2 - 5/8" (3/4" OD) tubes

61081 - 4 nipple subway cap with 4" tubes

Includes: 2 - 9/32" (3/8" OD) tubes, 1 - 5/8" (3/4" OD) tube,
1 - 3/4" (7/8" OD) tube

61090 - 4 nipple subway cap with 24" tubes

Includes: 2 - 9/32" (3/8" OD) tubes, 2 - 5/8" (3/4" OD) tubes

61091 - 4 nipple subway cap with 24" tubes

Includes: 2 - 9/32" (3/8" OD) tubes, 1 - 5/8" (3/4" OD) tube,
1 - 3/4" (7/8" OD) tube

61078 - 3 nipple subway cap
3/8" OD x 3/8" OD x 7/8" OD

**NEW
SIZE**

PIPELINE BRACKETS



61299 - Blue L Bracket, with clamp kit
(6" x 9")

61310 - Blue L Bracket only, no clamps

61296 - Blue Extended L bracket,
with clamp kit (6" x 11")

61295 - Blue Extended L Bracket only,
no clamps

61301 - Blue Extended U bracket,
with clamp kit (6" x 5½ x 9")

61313 - Blue Extended U bracket only
(no clamps)



61305 - Blue U Bracket,
with clamp kit (6" x 5½ x 6")

61316 - Blue U bracket only,
no clamps



PIPELINE BRACKET PARTS

61317 - Stainless clip, only

61318 - Small S/S clamp

61319 - Large S/S clamp

MISCELLANEOUS ITEMS

THE BULL SCOOP

56190 - 14" x 30" (Length 48½" Weight 5.625 lbs.)

56191 - 14" x 36" (Length 52½" Weight 5.75 lbs.)

56192 - 14" x 40" (Length 56½" Weight 5.87 lbs.)

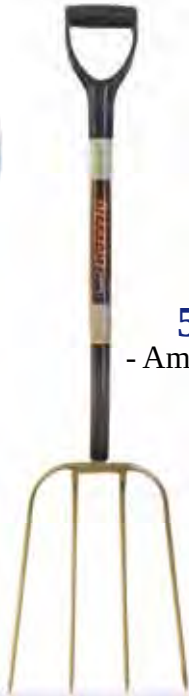


THE BULLY SCOOP

56186 - 14" x 30" (Length 48½" Weight 4.14 lbs.)

56187 - 14" x 36" (Length 52½" Weight 5.01 lbs.)

56188 - 14" x 40" (Length 56½" Weight 5.05 lbs.)



56180

- Amish Manure
Fork

NEW ITEM

GENERAL PURPOSE POLY SHOVEL

- REINFORCED BACK RIBBING
FOR DURABILITY
- WEIGHS APPROX 4 LBS.
- MADE IN THE USA

56183 - 30"

56184 - 36"



STAINLESS MILK JUG FILLER



54715 - 1½" Milk jug filler, *with bevel seat fitting*

54716 - 1½" Milk jug filler, *with tri clamp fitting*

54720 - 2" Milk jug filler, *with bevel seat fitting*

54721 - 2" Milk jug filler, *with tri clamp fitting*



MISCELLANEOUS ITEMS

42" HEAD LOCK GATE

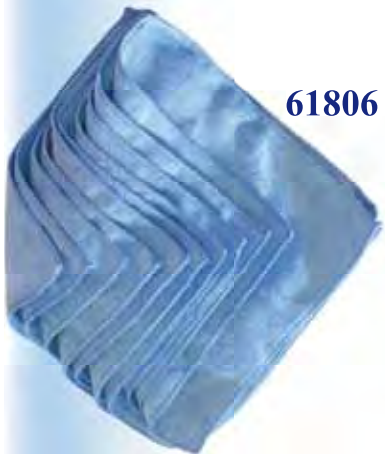
- **IDEAL FOR SINGLE COW OPERATION**
 - **EASY TO INSTALL**
 - **GALVANIZED**
 - **VERY DURABLE**

63420 - 42" head lock gate for 1 cow



MICRO FIBER TOWELS

- *More absorbent towels, that last longer and dry faster*
 - *Hemmed towels are 12"x12"*
- *Blue towels are a little heavier in weight and texture than the yellow towels*
 - *Available in a pack of 10 or a Case of 250*



61806 - Blue fiber towel



61807 - Yellow fiber towel

WASHING INSTRUCTIONS:

- **WASH THE TOWELS WITH DETERGENT IN WARM OR COLD WATER ONLY. IT IS RECOMMENDED THAT THE DAIRY TRY TO FIND A DETERGENT THAT HAS SOME SORT OF GERMICIDE IN THE FORMULA**
 - **DO NOT USE BLEACH**
 - **DO NOT USE FABRIC SOFTENER**
 - **DRY THE TOWELS ON LOW HEAT ONLY**

MISCELLANEOUS ITEMS

CALF BLANKETS

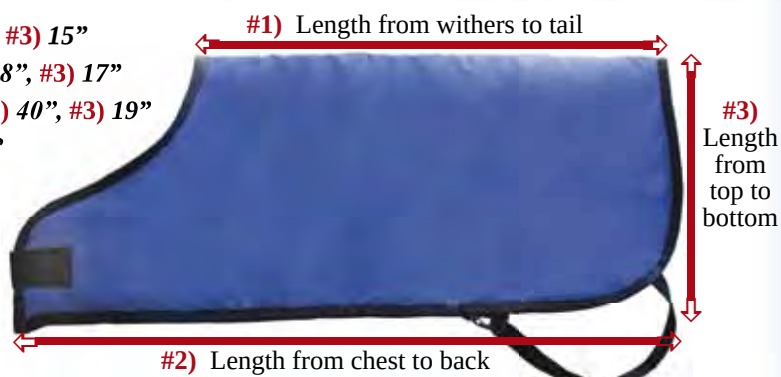
WATERPROOF & WIND RESISTANT

- 75000 - Large - #1) 26", #2) 36", #3) 15"
 75008 - X-Large - #1) 28", #2) 38", #3) 17"
 75016 - XX-Large - #1) 30", #2) 40", #3) 19"
 75024 - Jersey - #1) 22", #3) 11"

PLEASE SPECIFY COLOR:

BLUE OR BLACK

*Other colors are available by request,
 with a 1 - 2 week lead time*



STICKY TAPE



61805 - Mr. Sticky Deluxe kit and mounting hardware



61800 - Mr. Sticky roll tape (1000' refill)

NEW ITEM

ANTISTATIC SHIELDING BAGS

KEEP YOUR BOARDS SAFE FROM ELECTROSTATIC DISCHARGE

Transparent metallised film forms a faraday cage around the item to be protected, preventing any localized charges from damaging it.



- 99994 - Antistatic bag, 5" x 8"
 99995 - Antistatic bag, 8" x 12"
 99996 - Antistatic bag, 12" x 16"

A Note of Importance:
 Bags should only be opened at static-free workstations.

HOSE SUPPORTS

ALL STAINLESS

THE 1½" U-BOLTS WILL FIT UP TO A 1¾" O.D PIPE
AND THE 2" U-BOLTS WILL FIT UP TO A 2½" OD PIPE.

ALL HOSE SUPPORTS ARE INDIVIDUALLY BOXED WITH 2 - 1½" U-BOLTS 2 - 2" U-BOLTS

STANDARD BEND UNIT

10552 - 21" arm, *with stainless ball*

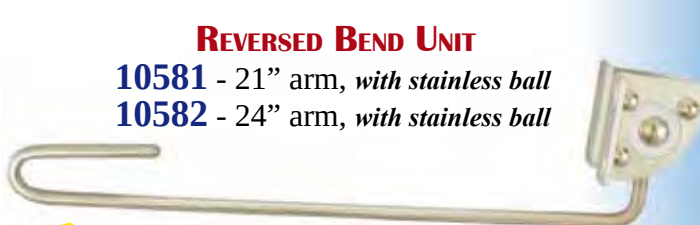
10554 - 24" arm, *with stainless ball*



REVERSED BEND UNIT

10581 - 21" arm, *with stainless ball*

10582 - 24" arm, *with stainless ball*

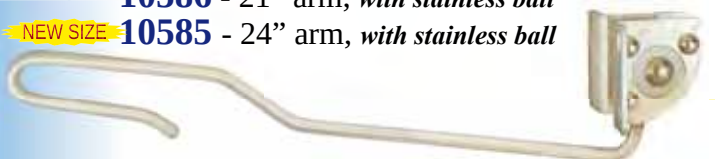


CUSTOM DESIGNED
LENGTHS AND STYLES ARE AVAILABLE
CALL FOR PRICING

STANDARD DOUBLE BEND UNIT

10586 - 21" arm, *with stainless ball*

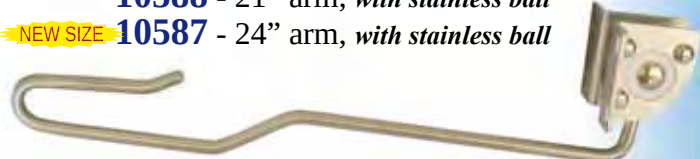
NEW SIZE 10585 - 24" arm, *with stainless ball*



REVERSED DOUBLE BEND UNIT

10588 - 21" arm, *with stainless ball*

NEW SIZE 10587 - 24" arm, *with stainless ball*



We have mounting brackets available to adapt to square tubing. Please specify if you are mounting to square tubing instead of pipe, so we can replace the u-bolts with our specially designed flat brackets.

MISCELLANEOUS PARTS FOR HOSE SUPPORTS

10553 - White plastic sleeve, *for hose supports*

10551 - U-bolt for 1½" hose support, *with nuts and washers*

10549 - U-bolt for 2" hose support, *with nuts and washers*

10595 - Set of 2 brackets, *to mount the stainless ball hose support arms to square tubing*

10546 - Right hand bracket

10547 - Left hand bracket

10589 - Stainless ball, *for hose support, (replaces blue plastic ball)*

10544 - Stainless 5/16" locknut, *for hose supports*

10545 - Stainless 5/16" x 2½" carriage bolt, *for hose supports*

10553



HOSE SUPPORT ARMS, ONLY

10567 - 21" standard bend, *with stainless ball*

10568 - 24" standard bend, *with stainless ball*

10569 - 21" reversed bend, *with stainless ball*

10570 - 24" reversed bend, *with stainless ball*

10573 - 21" standard double bend, *with stainless ball*

NEW SIZE 10575 - 24" standard double bend, *with stainless ball*

10574 - 21" reversed double bend, *with stainless ball*

NEW SIZE 10576 - 24" reversed double bend, *with stainless ball*

NEW WAIKATO® MILK METERS

Lbs and Kilos

84265 - 65 lb Waikato® meter, *with V block*

84266 - 65 lb Waikato® meter, *with stainless portable hanger*

Lbs only

84292 - 92 lb Waikato® meter, *with V block*

84293 - 92 lb Waikato® meter, *with stainless portable hanger*

42 Kilos only

84296 - 42 kg (92 lb) Waikato® meter, *with V block*

84297 - 42 kg (92 lb) Waikato® meter, *with portable stainless hanger*

Kilos only

84225 - Waikato® Goat Milk Meter, *with V-block*



84267

- Hangers to make
Waikato® meters portable



84269 - Complete V-block
assembly

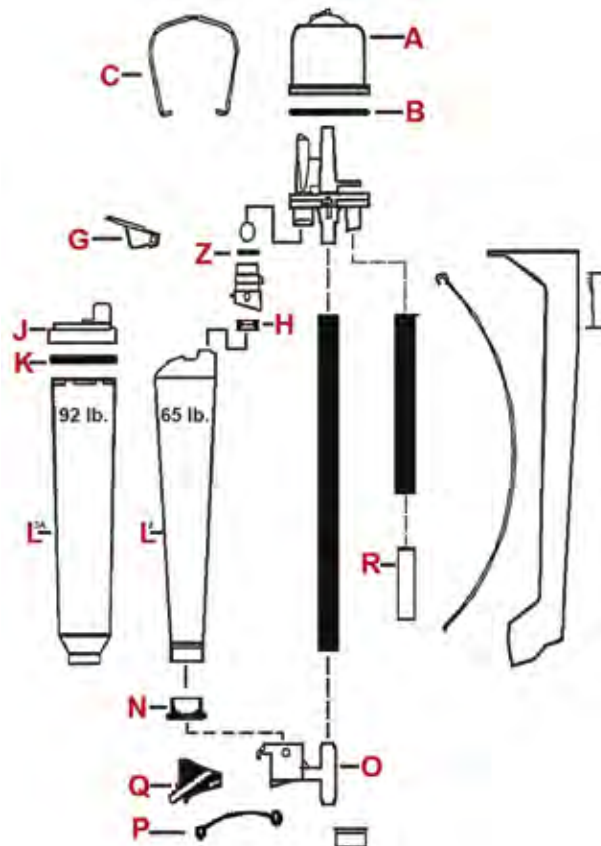
84231 - U-bolt kit, *only*



84261 - 5 piece
repair kit for meter
(Includes B, H, Q, P and Z)

84263 - 6 piece
repair kit for meter
(Includes B, H, N, Q, P and Z)

84250 - Cover for Waikato® meter.....	A
84275 - Gasket for dome.....	B
84251 - Cover clip for Waikato® meter.....	C
84257 - Flask depressor for Waikato® meter.....	G
84278 - Valve housing /Flask Seal.....	H
84281 - Flask cap for 92lb. meter.....	J
84282 - Flask seal for 92lb. meter.....	K
84264 - Flask for 65 lb/30 kg meter.....	L ²
84298 - Flask for 42 kg meter.....	L ³
84294 - Flask for 92 lb meter.....	L ^{3A}
84270 - Bung for 65lb (open flask).....	N
84280 - Bung 92lb for (open flask).....	N
84255 - Housing tap for 65/92LB meter.....	O
84259 - Tap strap only.....	P
84260 - 3 way tap with strap.....	Q
99890 - 2½" x 5/8" stainless tube.....	R
84273 - Flask depressor o-ring.....	Z



BUCKETS AND PARTS

STAINLESS STEEL BUCKETS

- 304 STAINLESS STEEL 18 GAUGE BUCKETS
- PLEASE SPECIFY IF YOU WANT A SHORT OR LONG HANDLE BY ORDERING THE SPECIFIED PART NUMBER
- SEE PAGES 86 & 87 FOR LIDS
- BUCKET RATIO: 8LBS = 1GAL



35 LB

30135 - Short handle bucket
30136 - Long handle bucket

BUCKET DIMENSIONS: 11½"W X 13¾"H



55 LB

30155 - Short handle bucket
30156 - Long handle bucket

BUCKET DIMENSIONS: 12¾"W X 18½"H



65 LB

30165 - Short handle bucket
30166 - Long handle bucket

BUCKET DIMENSIONS: 13½"W X 18½"H



75 LB

30175 - Short handle bucket
30176 - Long handle bucket

BUCKET DIMENSIONS: 13½"W X 20"H



80 LB

30180 - Short handle bucket
30181 - Long handle bucket

BUCKET DIMENSIONS: 14¼"W X 19½"H



90 LB

30190 - Short handle bucket
30191 - Long handle bucket

BUCKET DIMENSIONS: 14¼"W X 20½"H

MISCELLANEOUS BUCKET PARTS

- 30151** - Short handle only *for regular stainless bucket - 8"*
30152 - Long handle only *for regular stainless bucket - 9"*
30154 - Trimming charge *to make bucket fit WF lid*

- 30157** - Bucket tilt handle *for bottom rim*
30159 - Stainless hanger *to hang up bucket*---→
30158 - Ear bracket, *for milk bucket handle (weld on)*



68 LB PLASTIC BUCKETS AND PARTS



No Warranty on these plastic buckets

NOT FDA APPROVED

- 30300** - Bucket *with short handle*
30304 - Bucket *with long handle*
30301 - Short handle
30302 - Long handle
30307 - Handle clip kit

PLASTIC ECO BUCKET AND PARTS



FDA APPROVED MATERIAL

- 63488** - 50 lb
63490 - 65 lb
63491 - Side ear kit
63492 - Base
63493 - Short handle
63494 - Long handle

BUCKET UNITS ~ PARTS ~ MILK CANS

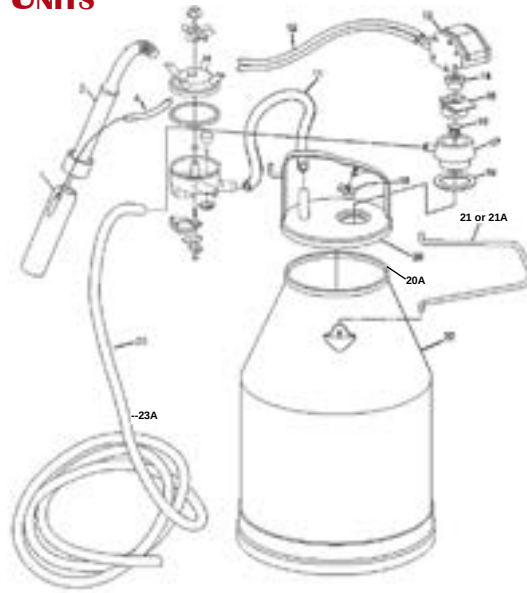
COMPLETE BUCKET UNITS



See page 6
for claw parts

See page 21
for pulsator
parts

See page 92
for portable
vacuum
pumps



WITH D#95 PULSATION AND 14300 KLEEN-FLO CLAW

- 30005** - 35 lb S/S Bucket Unit
- 30010** - 55 lb S/S Bucket Unit
- 30015** - 65 lb S/S Bucket Unit
- 30020** - 75 lb S/S Bucket Unit
- 30025** - 80 lb S/S Bucket Unit
- 30030** - 90 lb S/S Bucket Unit
- 30045** - 68 lb S/S Bucket Unit
- 30002** - Unit, without bucket

WITH D#95 PULSATION AND 10867 FLOW-VIEW CLAW

- 30005-1** - 35 lb S/S Bucket Unit
- 30010-1** - 55 lb S/S Bucket Unit
- 30015-1** - 65 lb S/S Bucket Unit
- 30020-1** - 75 lb S/S Bucket Unit
- 30025-1** - 80 lb S/S Bucket Unit
- 30030-1** - 90 lb S/S Bucket Unit
- 30045-1** - 68 lb S/S Bucket Unit
- 30002-1** - Unit, without bucket

**NEW
PART #'s**

WITH HP 102 PULSATION

- 30100** - 80 lb S/S Bucket, with 14300 Kleen-Flo claw
- 30100-1** - 80 lb S/S Bucket, with 10867 Flow-view claw

WITH VACUPULS PULSATION

- 30110** - 80 lb S/S Bucket, with 14300 Kleen-Flo claw
- 30110-1** - 80 lb S/S Bucket, with 10867 Flow-view claw

1	10010	Rolled edge shell	16	23027	Check valve for chamber
2	25003	KF-01 inflation	17	23056	Chamber housing
4	25150	9" air tube	18	23028	Chamber gasket
5	14300	New style claw with valve (see page 6 for claw parts)	19	33004	Plastic lid nut
11	25145	32" x 5/8" clear milk hose	19	33002	Stainless lid nut
12	25143	37" x 9/32" twin rubber hose	20	33000	Stainless lid
13	20360	D#95 pulsator assembly (see page 21 for pulsator parts)	20A	25195	Lid gasket
14-18	23031	Complete adaptor for D#95	21	30151	Stainless handle, short
14	23029	Chamber seal	21A	30152	Stainless handle, long
15	23040	Chamber slide	22	30165	65 lb bucket
			23	25141	6' x 1 1/2" rubber vacuum hose
			23A	25140	12' x 1 1/2" clear vacuum hose

STAINLESS STEEL MILK CARRYING CANS WITH LID



30120 - 2 quart
5 1/4" w x 7 1/4" h

30122 - 5 quart
6 7/8" w x 9 1/4" h

30125 - 10 quart
8 7/8" w x 11 1/8" h

STAINLESS STEEL MILK CANS

These cans are made of 18 gauge stainless and are for holding milk only and are not designed to have vacuum applied. Lid and gasket are included. Lids have a silicone seal. The lid attaches using 2 "snap down" latches directly across from each other.

These milk cans are not stackable.

30194 - 70 lb can with cover, 17 1/2" x 12 1/2"

30192 - 90 lb can with cover, 21 1/2" x 13 1/2"

30197 - 100 lb can with cover, 25 1/2" x 13 1/2"

30195 - Silicone gasket, for milk can lid

30196 - Cover for milk can, with silicone gasket



REPLACEMENT BUCKET LIDS AND PARTS

FOR SHORT HANDLE DeLAVAL® STYLE BUCKETS

FOR VACUUM PULSATORS



- 33000** - DL style lid *for HP® Pulsators, 5/8" ID*
- 33034** - DL style lid *for HP® Pulsators, 3/4" ID*
- 33095** - DL style lid *for goat unit, double hooks, 5/8" inlets*
- 33500** - Stainless lid and D#95 combination, *for cows*
- 33504** - Stainless lid and D#95 combination, *for goats*
- 25195** - Lid gasket
- 33004** - Plastic lid nut
- 33002** - Stainless lid nut



90°

- 34310** - 5/8" stainless trap lid, with checkball, 90°
- 34300** - 5/8" stainless trap lid, less checkball, 90°
- 34325** - 3/4" stainless trap lid, with checkball, 90°
- 34320** - 3/4" stainless trap lid, less checkball, 90°
- 34000** - 5/8" stainless trap lid, less checkball
- 34100** - 5/8" stainless trap lid, with checkball.....→
- 34312** - 5/8" stainless trap lid *with 3 - 5/8" 90° elbows*



- 25195** - Lid gasket
- 10130** - Cage assembly *for larger style trap lids*
- 10132** - Ball *for cage assembly on trap lid*



FOR LONGER HANDLE DeLAVAL® AND WESTFALIA® STYLE BUCKETS

FOR VACUUM PULSATORS

- 33050** - High handle lid *for HP pulsator*
- 33075** - WF style lid complete, 5/8" ID
- 33076** - WF style lid, 5/8" ID, *less parts*
- 33080** - WF style lid complete, 3/4" ID
- 33081** - WF style lid, 3/4" ID, *less parts*

PARTS

- 17519** - Gray vacuum Y *for lid*
- 25187** - 04TS milk tubes
- 17533** - Replacement plug *for WF style lid*
- 17526** - Rubber lid o-ring
- 17531** - Ball *for lid*

- 17527** - Plastic lid base
- 17529** - Threaded stainless pulsator base *for WF bucket lid, (weld on replacement)*
- 17528** - Screw *for lid base*
- 25195** - Lid gasket



FOR LONGER HANDLE BUCKETS

- 34010** - Stainless trap lid, 5/8" ID, *without checkball*
- 34011** - Stainless trap lid, 5/8" ID, *with checkball*
- 34013** - Cage only for ball - *smaller style*
- 35212** - Checkball *only*
- 34016** - Checkball and cage assembly
- 25195** - Lid gasket

**5 NOTCH HANDLE DESIGN
WITH 45° MILK INLET
ELBOWS**



REPLACEMENT BUCKET LIDS AND PARTS

REPLACEMENT LIDS FOR TRAP BUCKETS

NEW STYLE



34250

NEW



34255

- 34250** - Stainless $\frac{5}{8}$ " 90° trap lid, *with gasket* $6\frac{3}{4}$ ID x $8\frac{1}{2}$ OD
- 34260** - Stainless $\frac{5}{8}$ " 90° trap lid, *with gasket & checkball*
- 34255** - Stainless $\frac{5}{8}$ " straight inlet trap lid, *with gasket*
- 34265** - Stainless $\frac{5}{8}$ " straight inlet trap lid, *with gasket & checkball*
- 35200** - Clear plastic trap lid, *with gasket* $6\frac{3}{4}$ ID x $8\frac{1}{2}$ OD
- 35201** - Clear plastic trap lids, *with gasket & checkball*
- 35205** - Lid only, *less gasket*
- 35210** - $\frac{5}{8}$ " checkball, *with cage & screw*
- 35212** - $\frac{5}{8}$ " checkball, *only*
- 35213** - Cage, *only - for clear plastic trap lid*
- 34013** - Cage, *only - for stainless trap lid*
- 35005** - Gasket, $6\frac{3}{4}$ ID x $8\frac{1}{2}$ OD for plastic and stainless lids

35200



35210



- 35175** - Blue plastic trap lid
- 35177** - Gasket *ONLY*, for Blue lid

THIS **STAINLESS TRAP LID** HAS A SELF LOCKING RUBBER GASKET. IT IS DESIGNED FOR THE **E-ZEE BUCKETS** SHOWN ON PAGE 84 AND WILL NOT FIT **DL, BM, WF, OR PLASTIC BUCKETS**. THE ID MEASUREMENT OF THE BUCKET MUST ACCOMMODATE THE SELF LOCKING RUBBER GASKET. **NOT AVAILABLE WITH CHECKBALL.**

- 34200** - Stainless self locking trap lid with gasket
- 34202** - Gasket, *only*



33040 - Blank lid, for short bucket handle

LID GASKETS

- 25195** - Lid Gasket, for new style DL (#1053)
(Fits all E-Zee lids and most of Schlueter and Coburn's)
- 25196** - Lid Gasket, for old style DL (#1041) Smaller with shutoff
- 25197** - Lid Gasket, for WF (#1051)
- 25198** - Lid Gasket, for BM, thick style (#5225)
- 25199** - Lid Gasket, for Surge® (#1047)
- 38170** - Thick lid gasket, for DV300 lid

NEW BUCKET REPLACEMENT LID PARTS

- 33002** - Stainless nuts for DL HP lids
- 33003** - Stainless lid nut, *WITH extension for higher lids for OHTA® pulsator*
- 33004** - Plastic nuts for DL HP lids
- 33008** - Lid spacers (turns a HP lid into a fresh cow lid)
- 33007** - Lid spacers (requires an HP style chamber)
- 33009** - Lid adaptor with trap ball
- 33012** - Shutoff valves for pail lids
- 33013** - Short bucket handles for old style DL buckets
- 33014** - Long bucket handles for old style DL buckets
- 33017** - Deflectors for magnetic lids

GOAT MILKING PARLORS

- GALVANIZED (NO RUSTING) • STURDY BUILT
- EASY FLOW THROUGH FOR GOATS • SEQUENCING GATES • RAPID EXIT

TRAIL STYLE #1 GOAT PARLOR



63408 - Complete 8 unit goat parlor

63370 - 8 unit head lock with end gates

63371 - 8 unit stand only, with legs

63410 - Complete 10 unit goat parlor

63375 - 10 unit head lock with end gates

63376 - 10 unit stand only, with legs

63412 - Complete 12 unit goat parlor

63380 - 12 unit head lock with end gates

63381 - 12 unit stand only, with legs

63414 - Complete 14 unit goat parlor

63382 - 14 unit head lock with end gates

63383 - 14 unit stand only, with legs

63390 - Double ramp, ONLY

CUSTOM SIZES AVAILABLE - PLEASE CALL FOR MORE INFO

ITP GOAT AND SHEEP MILKERS

- 63104** - Classic milking goat unit, *with ITP 207 valves*
- 63106** - Classic milking goat unit, *with ITP 205 valves*
- 63100** - Classic milking sheep unit, *with ITP 207 valves*
- 63102** - Classic milking sheep unit, *with ITP 205 valves*

The ITP205 has a stainless weight for the auto shutoff valve & the ITP207 has a diaphragm operated auto shutoff valve

- 63534** - Vacuum Y *for cluster*
- 63161** - Y piece *for 1/2" to 5/8" milk hose*
- 63162** - Tube assembly holder
- 63163** - Tubing holder ring, *large*
- 63251** - ITP205 body
- 63252** - SS valve for ITP205
- 63253** - Small gasket for ITP204 & 205 claw
- 63254** - Bottom cover for ITP204 & 205 claw
- 63255** - Large gasket for ITP 204 & 205 claw
- 63270** - ITP207 Automatic shut off valve
- 63250** - ITP205 Automatic shut off valve
- 63272** - ITP207 Diaphragm

- 63157** - Silicone goat liner, *sold individually*

- 63153** - Clear plastic goat shell
- 63156** - Silicone sheep liner, *sold individually*
- 63155** - Clear plastic sheep shell
- 63165** - Air hose
- 63166** - Milk hose

FOR COMPLETE ITP BUCKET UNITS SEE PAGE 90

- 63110** - Viscount milking units *for goats*
- 63112** - Viscount milking units *for sheep*

- 63144** - Silicone goat liner, *with long bend, sold individually*
- 63148** - Clear plastic shell, *for 63144 liner*
- 63167** - Air Tube
- 63149** - Silicone sheep liner, *with long bend, sold individually*
- 63151** - Clear plastic shell, *for 63149 liner*
- 63169** - Bottom part, *for claw*
- 63170** - Gasket, *for claw*
- 63171** - Hanger, *for claw*
- 63173** - O-ring *for claw*

NUPULSE® GOAT MILKERS

- 10101NP** - NuPulse Goat Claw

- MZ10106NP** - NuPulse Goat Claw Base

- MZ10050NP** - NuPulse Goat Inflations (set of 4)

- MZ10100NP** - NuPulse Goat Claw Middle

- 25059** - TLC-U1

- 10152NP** - Complete 35# NuPulse bucket unit

Close-up of NuPulse Goat Claw with Unit Kit

REPLACEMENT PARTS FOR GOAT AND SHEEP MILKERS

COMPLETE ECO GOAT MILKING UNITS

Bucket units come complete with Eco Goat Cluster Unit, a D#95 pulsator with 50:50 ratio - 90ppm.

63501



- 63496** - 35 lb Stainless bucket unit with 2 Eco goat clusters
- 63498** - 35 lb Stainless bucket unit with 1 Eco goat cluster
- 63501** - 55 lb stainless bucket unit with 1 Eco goat cluster
- 63502** - 55 lb stainless bucket unit with 2 Eco goat clusters
- 63505** - 68 lb plastic bucket unit with 1 Eco goat cluster
- 63506** - 68 lb plastic bucket unit with 2 Eco goat clusters

Also available for sheep milkers

ECO GOAT CLUSTER AND PARTS

These goat cluster units are shipped fully assembled with 2 plastic claws, shells, silicone inflations and tubing.

- 63540** - Complete Eco goat clusters (as pictured)
- 63528** - Silicone inflations, without milk tube for goats, sold individually
- 63529** - Plastic Shell
- 63541** - Claw assembly, vented
- 63162** - Tube assembly holder
- 63534** - Vacuum Y for cluster
- 25150** - Air tube for cluster
- 25190** - Milk tube for cluster
- 63537** - Bumper for claw
- 63538** - Weight for claw
- 63544** - Goat claw with lever for goat cluster less weight and bumper
- 63548** - Small green vacuum valve ($\frac{9}{32}$ " ID)
- 63549** - Large green vacuum valve ($\frac{1}{2}$ " ID)
These green valves are not approved for Grade A in most states.
- 63161** - Y piece, for milk, $\frac{1}{2}$ to $\frac{5}{8}$ milk hose

63540



FOR SHEEP MILKING

- 63000** - Sheep cluster with silicone inflations (similar to goat unit pictured above)
- 63025** - Silicone inflation, sold individually without milk tube
- 63028** - Plastic shell for silicone inflation, without milk tube



ITP COMPLETE GOAT MILKING UNITS

Bucket units come complete with ITP Goat Cluster Unit, a D#95 pulsator - 50:50 ratio and 90 ppm.

Also available for sheep milkers.

63475



- 63460** - 35 lb Stainless bucket unit with 1 ITP goat cluster
- 63461** - 35 lb Stainless bucket unit with 2 ITP goat clusters
- 63466** - 55 lb Stainless bucket unit with 1 ITP goat cluster
- 63467** - 55 lb Stainless bucket unit with 2 ITP goat clusters
- 63470** - 68 lb Plastic bucket unit with 1 ITP goat cluster
- 63474** - 65 lb Eco plastic bucket unit with 1 ITP goat cluster
- 63475** - 65 lb Eco plastic bucket unit with 2 ITP goat clusters

REPLACEMENT PARTS FOR GOAT AND SHEEP MILKERS

63512 - Complete goat cluster unit

Includes:

- 1-63510 - complete claw
- 2-63144 - Silicone goat liner with long bend
- 2-63148 - plastic shells
- 2-25150 - 9" air tubes
- 1-63534 vacuum Y adaptor

63510 - Flo Vu® style goat claw *with 90° inlets*

63515 - Plastic bowl kit, for 63510 goat claw

63511 - Stainless claw top only, for 63510 goat claw

63513 - Gasket only, for 63515 bowl kit

63514 - Plastic bowl only, for 63515 bowl kit

63516 - Shutoff, for 63515 bowl kit

63517 - Shutoff clip, for 63515 bowl kit

63518 - Bumper, for 63515 bowl kit



GOAT/SHEEP MILKER PARTS

63010 - Plastic shell for sheep/goat (uses 63015 inflation)
(Use 25162 or 27322 jetter cups for washing)

63015 - Inflation for sheep/goat shell, longer style 9½", sold individually
(For use with 63010 or 10017 shells and also for Surge belly units)

63020 - Inflation for sheep/goat milker, shorter style 8", sold individually
(For use with 63010 or 10017 shells)

63025 - Silicone inflation without milk tube, for sheep, sold individually

63028 - Plastic shell for silicone inflation without milk tube, for sheep

10017 - Jet-Flo shell



ELECTRIC PULSATION FOR GOATS

120 or 240 volt pulsation plastic box comes with a 12-unit Kleen-Flo circuit board for BouMatic® pulsation.
*18-month limited warranty.



NOW WITH SHORT CIRCUIT PROTECTION!

To keep the board from self destructing if a short occurs in your pulsation line.

10 Ratios from 50:50 to 70:30
16 adjustable position speeds from 60 to 190 PPM
Runs 12 Pulsators

43200 - Kleen-Flo B pulsation controller, 24VDC output

43205 - Kleen-Flo B pulsation controller, LESS circuit board



43185 - Replacement pulsator, stanchion barn model, less fresh air

FOR MORE INFORMATION
AND FOR PULSATOR
PART NUMBERS
SEE PAGE 26

PORTABLE PUMPS & ACCESSORIES

DELUXE MODEL

THIS PORTABLE PUMP IS A VERY HEAVY DUTY UNIT AND CAN BE WHEELED ALMOST ANYWHERE YOU NEED IT TO GO. IT COMES WITH A CONDE #3 VACUUM PUMP AND A 1 HP FARM DUTY MOTOR ON A CART WITH 10" AIR TIRES. PLUGS INTO A STANDARD 120 VOLT/15 AMP OUTLET.

THE BALANCE TANK, REGULATOR, VACUUM GAUGE, AND OTHER PARTS ARE ALL INCLUDED. (AS SHOWN)

~ UNITS SHIP FULLY ASSEMBLED VIA TRUCK FREIGHT~

SHIPPING WEIGHT: 200 lbs.

- 70100** - Portable pump unit, *only*
- 70110** - Portable pump unit, *with 1 - 30045 plastic bucket unit*
- 70120** - Portable pump unit, *with 2 - 30045 plastic bucket units*
- 70210** - Portable pump unit, *with 1 - 30015 stainless bucket unit*
- 70220** - Portable pump unit, *with 2 - 30015 stainless bucket units*

**1 Year
Warranty**

**BUCKET UNIT CHOICES
ARE LISTED ON PAGE 85**



GAS ENGINE MODEL

- 70400** - Portable pump unit, **ONLY**
- 70410** - Portable pump unit, *with 1 - 30045 plastic bucket unit*
- 70415** - Portable pump unit, *with 2 - 30045 plastic bucket units*
- 70420** - Portable pump unit, *with 1 - 30015 stainless bucket unit*
- 70425** - Portable pump unit, *with 2 - 30015 stainless bucket units*

**CONDE #3 VACUUM PUMP
WITH A 3 HP HONDA ENGINE,
HEAVY DUTY CART
AND 10" AIR TIRES.**

PARTS FOR PORTABLE PUMPS

- 70105** - Conde #3 pump head, *with oiler*
- 70106** - Rebuild kit, *for Conde #3 pump*
- 70109** - Tank oiler wick
- 70103** - Rubber oil plug with vent
- 70104** - 10" air tire
- 67125** - Emerson 1HP 1800 RPM motor
- 67223** - Vacuum release valve, *for portable systems*
- 67224** - Small 2" vacuum gauge
- 65069** - A-32 Belt, *for 70100*
- 65364** - A-39 Belt, *for 70400*
- 70401** - 3HP Honda engine



**1 Year
Warranty**

PORTABLE PUMPS & ACCESSORIES

NUPULSE MINI MILKERS

THIS EFFICIENT UNIT
WAS DESIGNED BY
NUPULSE
AND HAS BEEN
SOLD FOR YEARS



41000NP

10197NP

**1 Year
Warranty**



KEY FEATURES:

- Lightweight, unit weighs only 70 lbs
- Dry vane pump, completely oilless
- 120 volt, ready to plug in and go
- Can be shipped via UPS or truck freight

**GREAT PUMP UNIT FOR SHOW
COWS OR SMALL FAMILY FARM!**

We offer this unit with the E-Zee 65 lb bucket milker or the NuPulse 65 lb bucket milker. The $\frac{3}{4}$ HP pump is mounted on a stainless balance tank. It will operate 2 NuPulse bucket units at the same time just fine, however, we recommend if using E-Zee's bucket unit to run only 1 at a time. The NuPulse claw and pulsator are built into one unit which requires slightly less vacuum to run than the E-Zee unit. The E-Zee bucket unit has the vacuum pulsator on the lid and the Kleen-Flo® claw.

41000NP - $\frac{3}{4}$ HP Mini pump unit, *only*

10197NP - $\frac{3}{4}$ HP Portable mini milker system, *with 1 - 10150NP - SS 65 lb bucket milker*

10179NP - $\frac{3}{4}$ HP Portable mini milker system, *with 2 - 10150NP - SS 65 lb bucket milkers*

10178NP - $\frac{3}{4}$ HP Portable mini milker system, *with 1 - 30015 - EZ SS 65 lb bucket milker*

10181NP - $\frac{3}{4}$ HP Portable mini milker system, *with 2 - 10151NP - SS 65 lb goat bucket milkers*

10182NP - $\frac{3}{4}$ HP Portable mini milker system, *with 1 - 10154NP Plastic cow bucket milker*

10183NP - $\frac{3}{4}$ HP Portable mini milker system, *with 2 - 10154NP Plastic cow bucket milkers*

PARTS FOR P41015NP TANK

P41005NP - Bolt, *with loop*

P41006NP - Lid holder disc, *with hole*

P41007NP - Wingnut

P41008NP - Stainless rod, *with cotter pin*

P41016NP - Plexi Lid, *for Mini Vacuum Tank*

MISCELLANEOUS VACUUM PUMPS

CONDE #6 CAN BE USED WITH A 2 OR 3 HP MOTOR
GREAT FOR A
"BUILD-YOUR-OWN"
VACUUM SYSTEM
(RATED UP TO 25 CFM)

70090 - Conde #6 pump head, *with oiler*



SUTORBILT

LOBE VACUUM PUMPS

*Featuring "Oil Splash Lubrication" on **BOTH ENDS**, the New Sutorbilt is interchangeable with the Original Sutorbilt® pumps, with respect to the footprint, shaft size, RPM's, port size, and performance.*

REPLACEMENT PUMP HEADS, ONLY

65405 - 3-M Pump head, 2" ports

65425 - 4-H Pump head, 1½" ports

65445 - 4-M Pump head, 2½" ports

65465 - 5-H Pump head, 2½" ports

65485 - 5-M Pump head, 4" ports

65492 - 6-M Pump head, 5" ports

65499 - 7-M Pump head, 6" ports



PERFORMANCE AND SIZING CHART

MODEL	HP	RPM	PORTS	SHAFT	CFM/13"	CFM/14"	CFM/15"	PUMP PULLEY	MOTOR PULLEY	BELTS
3-M	5	2550	2"	¾"	60	53	42	46-2B = 4.95"	66-2B = 6.95"	B-59
4-H	5	2175	1½"	⅞"	55	46	40	48-2B = 5.15"	60-2B = 6.35"	B-62
4-H	7½	2900	1½"	⅞"	84	75	68	48-2B = 5.15"	80-2B = 8.35"	B-66
4-M	7½	1920	2½"	⅞"	82	73	66	58-2B = 6.15"	64-2B = 6.75"	B-65
4-M	7½H/L	1825	2½"	⅞"	78	70	62	58-2B = 6.15"	62-2B = 6.55"	B-65
4-M	10	2400	2½"	⅞"	102	88	80	58-2B = 6.15"	80-2B = 8.35"	B-67
5-H	7½	1520	2½"	1⅞"	82	73	65	60-2B = 6.35"	52-2B = 5.55"	B-62
5-H	9	1915	2½"	1⅞"	102	89	80	60-2B = 6.35"	66-2B = 6.95"	B-65
5-H	10	1975	2½"	1⅞"	108	95	85	60-2B = 6.35"	70-2B = 7.35"	B-65
5-M	15	1875	4"	1⅞"	156	142	132	80-3B = 8.35"	86-3B = 8.95"	B-72
5-M	20	2400	4"	1⅞"	200	190	170	80-3B = 8.35"	110-3B = 11.35"	B-75
6-M	25	1825	5"	1⅜"	265	250	235	68-4B = 7.15"	70-4B = 7.35"	B-67
6-M	30	2130	5"	1⅜"	315	300	285	70-4B = 7.35"	86-4B = 8.95"	B-72

NOTE: Actual CFM readings may vary depending on atmospheric conditions, altitude, temperature, etc.

**COMPLETE UNITS INCLUDE:
PUMP, STAND, SILENCER AND DRIVE KIT
PUMP PACKAGES ARE SHIPPED FULLY ASSEMBLED.**

HORIZONTAL STANDS - COMPLETE UNIT LESS MOTOR

65410 - 4-H,	<i>with</i>	5 HP drive kit	<i>for Highline</i>
65420 - 4-H,	<i>with</i>	7½ HP drive kit	<i>for Highline</i>
65431 - 4-M,	<i>with</i>	7½ HP drive kit	<i>for Lowline</i>
65430 - 4-M,	<i>with</i>	7½ HP drive kit	<i>for Highline</i>
65440 - 4-M,	<i>with</i>	10 HP drive kit	<i>for Lowline</i>
65450 - 5-H,	<i>with</i>	7½ HP drive kit	<i>for Highline</i>
65452 - 5-H,	<i>with</i>	9 HP drive kit	<i>for Highline</i>
65456 - 5-H,	<i>with</i>	10 HP drive kit	<i>for Lowline</i>
65472 - 5-M,	<i>with</i>	15 HP drive kit	<i>for Lowline</i>
65474 - 5-M,	<i>with</i>	20 HP drive kit	<i>for Lowline</i>
65490 - 6-M,	<i>with</i>	25 HP drive kit	<i>for Lowline</i>
65491 - 6-M,	<i>with</i>	30 HP drive kit	<i>for Lowline</i>
65497 - 7-M,	<i>with</i>	40 HP drive kit	<i>for Lowline</i>
67115 - Horizontal Stand, <i>ONLY</i>			<i>for 5 to 10 HP</i>
67117 - Horizontal Stand, <i>ONLY</i>			<i>for 15 to 30 HP</i>
67080 - Horizontal Stand, <i>ONLY</i>			<i>for 40 HP</i>



**STAND FOOT PRINT SIZE
20" x 40"**



VERTICAL STANDS - COMPLETE UNIT LESS MOTOR

65412 - 4-H,	<i>with</i>	5 HP drive kit	<i>for Highline</i>
65421 - 4-H,	<i>with</i>	7½ HP drive kit	<i>for Highline</i>
65433 - 4-M,	<i>with</i>	7½ HP drive kit	<i>for Lowline</i>
65432 - 4-M,	<i>with</i>	7½ HP drive kit	<i>for Highline</i>
65441 - 4-M,	<i>with</i>	10 HP drive kit	<i>for Lowline</i>
65451 - 5-H,	<i>with</i>	7½ HP drive kit	<i>for Highline</i>
65453 - 5-H,	<i>with</i>	9 HP drive kit	<i>for Highline</i>
65457 - 5-H,	<i>with</i>	10 HP drive kit	<i>for Lowline</i>
65473 - 5-M,	<i>with</i>	15 HP drive kit	<i>for Lowline</i>
65475 - 5-M,	<i>with</i>	20 HP drive kit	<i>for Lowline</i>
65493 - 6-M,	<i>with</i>	25 HP drive kit	<i>for Lowline</i>
67120 - Vertical Stand, <i>ONLY</i>			



**STAND FOOT PRINT SIZE
21" x 28"**

VACUUM PUMP MOTORS



~ *EXTRA HIGH TORQUE FARM DUTY MOTOR* ~

REPLACEMENT FOR THE OLD STYLE DAYTON MOTOR

- **1.15 Service factor**
- **TEFC**
- **Single phase**
- **1800 RPM**



<u>Part#</u>	<u>HP</u>	<u>Frame</u>	<u>Shaft</u>	<u>Full Load Amps</u>
67180	10	215-T	1 ³ / ₈	41
67179	7½	215-TZ	1 ¹ / ₈	30
67178	5	215-TZ	1 ¹ / ₈	29
67177	5	184-T	1 ¹ / ₈	24
67176	3	184-T	1 ¹ / ₈	17

**1 Year
Warranty**

PREMIUM EFFICIENCY 3 PHASE MOTORS

- **INVERTER DUTY** • **1800 RPM** • **208-230/460** • **TEFC ENCLOSURE**
- **IDEAL FOR ELECTRIC COMPANY REBATE PROGRAMS** • **1.15 SERVICE FACTOR**
- **METAL CLAD V-TYPE SEALING RING ON DRIVE-END**
- **SKF BEARINGS WITH SKF EXTREME PRESSURE HIGH TEMPERATURE GREASE**

All motors have passed and received all U.S. certification requirements and meet or exceed the NEMA Premium Efficiency Standards.

<u>Part#</u>	<u>HP</u>	<u>Frame</u>	<u>Shaft</u>
67160	5	184-T	1 ¹ / ₈
67161	7½	213-T	1 ³ / ₈
67162	10	215-T	1 ³ / ₈
67163	15	254-T	1 ⁵ / ₈
67164	20	256-T	1 ⁵ / ₈
67165	25	284-T	1 ⁷ / ₈
67166	30	286-T	1 ⁷ / ₈
67168	40	324-T	2 ¹ / ₈



**3 Year
Warranty**



EZ MOTOR STARTERS



67485NP

- ⇒ **NEW MOTOR STARTERS WITH THERMO OVERLOAD SENSORS CAN BE FINE TUNED WITH A TURN OF A DIAL, THROUGH A WIDE RANGE OF CURRENT RATINGS, TO PROTECT YOUR ELECTRIC MOTOR.**
- ⇒ **WE STOCK EIGHT DIFFERENT COMPLETE MODELS WHICH COVERS A WIDE RANGE OF APPLICATIONS.**
- ⇒ **EACH ASSEMBLY IS HOUSED IN A STEEL ENCLOSURE WITH BACK PLATE AND IS PREDRILLED WITH 2 - 1" AND 1 - 1/2" CONDUIT KNOCKOUTS.**
- ⇒ **POSITION OF KNOCKOUTS AT THE BOTTOM OF THE BOX HELPS IN KEEPING DUST AND MOISTURE AWAY FROM THE ELECTRONICS.**

	<i>Phase</i>	<i>AMPS</i>	<i>HP Range</i>	<i>Coil</i>
67477NP -	3	23-32	7½-10	120v
67478NP -	3	48 -65	15-20	120v
67479NP -	3	63-80	25-30	120v
67480NP -	3	23-32	7½-10	230v
67481NP -	3	48-65	15-20	230v
67482NP -	3	63-80	25-30	230v
67485NP -	1	37-50	7½-10	120v
67486NP -	1	37-50	7½-10	230v



HEAVY DUTY SILENCERS

PART#	SIZE	LENGTH	DIAMETER
67323 -	2" NPT	33"	8"
67325 -	2½" NPT	34"	10"
67326 -	3" NPT	46"	10"
67340 -	4" NPT	53"	14"
67327 -	5" Flange Style	65"	16"

(Flanges Sold Separately)

67328 - 5" NPT Flange *for 5" Silencer*
67329 - Flange gasket
67334 - Bolt kit *for 5" silencer flange*



LIGHT DUTY SILENCERS

<u>PART #</u>	<u>NPT</u>	<u>LENGTH</u>
67380	2"	26"
67381	2½"	34"
67382	3"	37"
67383	4"	48"

**CAN BE USED AS A
SECOND SILENCER ON
LOBE PUMP SYSTEMS**



REFLEX

VARIABLE SPEED DRIVE UNIT

- **LARGE, ILLUMINATED DIGITAL VACUUM GAUGE FOR EASY VIEWING**
- **MOTOR SOFT-START BRINGS VACUUM PUMP UP TO SPEED GRADUALLY UNTIL VACUUM LEVEL IN THE SYSTEM REACHES THE SET POINT. THIS ELIMINATES OVER TORQUE SITUATIONS DURING START-UP.**
- **SEPARATE MILKING VACUUM AND WASHING VACUUM TO ACHIEVE BETTER SOLUTION CIRCULATION. SWITCHING IS DONE AUTOMATICALLY THROUGH THE WASHER CONTROL SWITCH.**
- **BUILT-IN HOUR METER**
- **SENSING IS DONE AS CLOSE TO TEAT END AS POSSIBLE WHICH CONTROLS VACUUM LEVEL MORE PRECISELY AT THE MOST IMPORTANT PLACE.**



REFLEX VSD UNITS

	HP	PHASE	VOLTAGE
29530NP	5	1	220
29505NP	7½	3	220
29535NP	7½	1	220
29510NP	10	3	220
29540NP	10	1	220
29515NP	15	3	220
29550NP	15	3	440
29545NP	15	1	220
29520NP	20	3	220
29555NP	20	3	440
29560NP	25	3	440
29525NP	25	3	220
29528NP	30	3	220
29575NP	30	3	440
29529NP	40	3	220
29580NP	40	3	440
29495NP	Reflex controller only		
P29040NP	Reflex circuit board		

VSD CABLES

IMPORTANT: Using the recommended cables can simplify the installation of Reflex System. Listed below are the Standard Sizes.

- 29702NP** - Cable for VSD - 12 AWG, 4 conductor, 30A cont, for 5, 7.5 & 10HP - 230 V or 10, 15 & 20HP 460V
- 29704NP** - Cable for VSD - 8 AWG, 4 conductor, 55A cont, for 15 & 20HP - 230 V or 25 & 30HP - 460 V
- 29706NP** - Cable for VSD - 4 AWG, 4 conductor, 95A cont, for 25 & 30 HP - 230 Volt Drives
- 29710NP** - 18/2 Shielded control cable

Recommended for interconnection of the controller to the inverter

PARTS

- P19700NP** - Shroud Complete for Stand-Alone Inverter
- P19725NP** - NEMA 1 Kit for 25HP - 40HP Stand-Alone Inverter
- P19726NP** - NEMA 1 Kit for 5HP - 20HP Stand-Alone Inverter

EZEE BYPASS UNITS

- 29805NP*** - EZee Bypass Unit - 32 Amps, 5 & 7.5HP (220V) and 10 & 15HP (440V)
- 29810NP*** - EZee Bypass Unit - 65 Amps, 10, 15 & 20HP (220V) and 20, 25, 30HP (440V)
- 29815NP*** - EZee Bypass Unit - 80 Amps, 25 & 30HP (220V)
- 29800NP** - EZee Bypass Unit Enclosure, only

*MUST PURCHASE AN ADDITIONAL CONTROL RELAY COMPLETE. SPECIFY COIL VOLTAGE (12V AC/DC, 24V AC/DC, 120V, OR 240V)

EZEE BYPASS UNITS ARE NOT FOR SINGLE PHASE APPLICATIONS.





COW ID READY

VARIABLE SPEED DRIVE UNIT

- **2-YEAR WARRANTY ON REFLEX VARIABLE SPEED DRIVE UNIT**
UNIT NOW COMES WITH A 2 YEAR WARRANTY FROM PURCHASE DATE.
- **DELUXE REFLEX MODEL GIVES ADDED PROTECTION FOR THE INVERTER AND IS COW ID READY**
THE INVERTER IS MOUNTED IN A STEEL NEMA 4 ENCLOSURE THAT HAS A LINE DISCONNECT, FILTERED FAN COOLING SYSTEM, REMOTE DISPLAY KEYPAD AND PROPER SHIELDING FOR COW ID SYSTEMS.
- **PRODUCT INFORMATION DISC AVAILABLE FOR FULL RANGE OF VARIABLE SPEED DRIVE PRODUCTS**
DISC OFFERS GENERAL PRODUCT INFORMATION, SYSTEM USER MANUAL, ENERGY SAVINGS ESTIMATOR PROGRAM AND HELPFUL TIPS . CONTACT US FOR YOU FREE DISC.
- **CONTROLLER WITH DIGITAL READ-OUT IS INCLUDED IN ALL PACKAGES**

**DELUXE SYSTEMS ARE SOLD WITHOUT RFI FILTER AND LINE REACTOR.
THESE ITEMS MUST BE ORDERED IN SEPARATELY. PLEASE SEE BELOW.**

DELUXE REFLEX VSD SYSTEMS

	HP	PHASE	VOLTAGE
29600NP -	7½	1	220
29601NP -	7½	3	220
29603NP -	7½	3	440
29609NP -	10	1	220
29610NP -	10	3	220
29612NP -	10	3	440
29614NP -	15	1	220
29615NP -	15	3	220
29650NP -	15	3	440
29620NP -	20	3	220
29655NP -	20	3	440
29625NP -	25	3	220
29660NP -	25	3	440
29628NP -	30	3	220
29675NP -	30	3	440



PARTS FOR DELUXE REFLEX INVERTER

FOR OUR FULL LINE OF LINE REACTORS AND RFI FILTERS

PLEASE REFER TO PRICE LIST FOR PART NUMBERS P09500NP THROUGH P09650NP

REPLACEMENT PARTS FOR SUTORBILT® PUMPS

PARTS FOR ORIGINAL SUTORBILT® PUMPS

- 67702** - Rebuild Kit, *for 6-H/6-M*
- 67701** - Rebuild Kit, *for 5-H/5-M*
- 67704** - Rebuild Kit, *for 4-H/4-M*
- 67706** - Rebuild Kit, *for 3-H/3-M*
- 67708** - Oil sight gauge, *for 4-H/4-M, 5-H/5-M*
- 67689** - Oil sight gauge, *for 6-H/6-M*
- 67709** - Gear oil reservoir vent, *for 4-H/4-M, 5-H/5-M*
- 67709** - Gear oil reservoir vent, *for 6-H/6-M*
- 67688** - Gear oil reservoir gasket, *for 6-H/6-M*
- 67713** - Gear oil reservoir gasket, *for 5-H/5-M*
- 67714** - Gear oil reservoir gasket, *for 4-H/4-M*
- 67715** - Gear oil reservoir gasket, *for 3-H/3-M*

BEARINGS AND SEALS

- 67780** - Bearing, shaft side, *for 4-H/4-M*
- 67781** - Bearing, gear side, *for 4-H/4-M*
- 67782** - Seal, *for 4-H/4-M*
- 67783** - Seal, *for 4-H/4-M shaft*
- 67790** - Bearing, shaft side, *for 5-H/5-M*
- 67791** - Bearing, gear side, *for 5-H/5-M*
- 67792** - Seal, *for 5-H/5-M*
- 67793** - Seal, *for 5-H/5-M shaft*
- 67795** - Bearing, shaft side, *for 3-H/3-M*
- 67796** - Bearing, gear side, *for 3-H/3-M*
- 67797** - Seal, *for 3-H/3-M*
- 67798** - Seal, *for 3-H/3-M shaft*
- 67801** - Bearing, *for 6-H/6-M shaft side*
- 67799** - Bearing, gear side, *for 6-H/6-M*
- 67800** - Seal, *for 6-H/6-M*
- 67802** - Seal, *for 6-H/6-M shaft*

HOUSING SHIMS

- 67874** - Shim, *for 4-H/4-M pump .002"*
- 67875** - Shim, *for 5-H/5-M pump .002"*
- 67876** - Shim, *for 6-H/6-M pump .002"*

PUMP MOUNTING BRACKETS

- 67770** - Foot, *5-H/5-M, standard air flow*
- 67771** - Foot, *4-H/4-M, standard air flow*
- 67772** - Foot, *5-H/5-M, side to side air flow*
- 67773** - Foot, *4-H/4-M, side to side air flow*

ADDITIONAL PARTS FOR LOBE PUMPS
ARE AVAILABLE REFER TO PRICE LIST
FOR PART #'S STARTING WITH
67670 TO 68714

PARTS FOR DSL SUTORBILT® PUMPS

- 67697** - Rebuild kit, *for 5-H/5-M*
- 67698** - Rebuild kit, *for 4-H/4-M*
- 67708** - Oil sight gauge, *for 4-H/4-M, 5-H/5-M*
- 67689** - Oil sight gauge, *for 6-H/6-M*
- 67861** - Reservoir vent, *for 4-H/4-M, 5-H*
- 67688** - Reservoir vent, *for 6-H/6-M*
- 67865*** - Gasket, *for 3-H/3-M*
- 67866*** - Gasket, *for 4-H/4-M*
- 67867*** - Gasket, *for 5-H/5-M*
- 67868*** - Gasket, *for 6-H/6-M*

***2 NEEDED PER PUMP**

BEARINGS AND SEALS

- 68714** - Bearing, shaft side, *for 4-H/4-M*
- 67781** - Bearing, gear side, *for 4-H/4-M*
- 67782** - Seal, *for 4-H/4-M*
- 67783** - Seal, *for 4-H/4-M shaft*
- 67801** - Bearing, shaft side, *for 5-H/5-M*
- 67791** - Bearing, gear side, *for 5-H/5-M*
- 67792** - Seal, *for 5-H/5-M*
- 67793** - Seal, *for 5-H/5-M shaft*
- 67795** - Bearing, shaft side, *for 3-H/3-M*
- 67796** - Bearing, gear side, *for 3-H/3-M*
- 67797** - Seal, *for 3-H/3-M*
- 67798** - Seal, *for 3-H/3-M shaft*
- 67801** - Bearing, *for 6-H/6-M shaft side*
- 67799** - Bearing, gear side, *for 6-H/6-M*
- 67800** - Seal, *for 6-H/6-M*
- 67802** - Seal, *for 6-H/6-M shaft*

HOUSING SHIMS

- 67874** - Shim, *for 4-H/4-M pump .002"*
- 67875** - Shim, *for 5-H/5-M pump .002"*
- 67876** - Shim, *for 6-H/6-M pump .002"*

DRIVE KITS WITH BELTS

FOR SUTORBILT® LOBE PUMPS

- 67270** - 5 HP/3-M pulley kit
- 67271** - 7½ HP/4-M lowline pulley kit
- 67272** - 7½ HP/4-M highline pulley kit
- 67273** - 10 HP/4-M pulley kit
- 67274** - 5 HP/4-H pulley kit
- 67275** - 7½ HP/4-H pulley kit
- 67276** - 7½ HP/5-H pulley kit
- 67277** - 10 HP/5-H pulley kit
- 67278** - 15 HP/5-M pulley kit
- 67279** - 20 HP/5-M pulley kit
- 67280** - 25 HP/6-M pulley kit
- 67281** - 30 HP/6-M pulley kit

"THE E-ZEE CLEAN SYSTEM"

DETERGENT INJECTOR FOR LOBE PUMPS

**An automatic lobe pump cleaning controller designed to spray cleaning detergents or lubricants into pump ports.
Helps to prevent build-up on lobes inside pump.**

Consists of a time delay controller that is activated automatically each time vacuum pump gets power. Unit can be adjusted for time delay and for duration of application.

If unit is set for a 30 min. delay it will only open valve once even if pump runs for several hours; it is designed to repeat its cycle after pump is shut down and is powered up again.

E-Zee Clean can also be set to do a repeat cycle for pumps that run 24 hours per day.

E-ZEE CLEAN SYSTEM

with 1 Valve for Single Pump Systems

67510 - 120 Volt input

67520 - 240 Volt input

E-ZEE CLEAN SYSTEM

with 2 Valves for Dual Pump Systems

67522 - 120 Volt input

67524 - 240 Volt input

PARTS FOR E-ZEE CLEAN SYSTEM

67518 - Coil - 120 Volt

67519 - Coil - 240 Volt

67531 - Delay board, #6030

67532 - Timer board, #6062

67541 - E-Zee Clean valve assembly, *with 120 volt coil*

67542 - E-Zee Clean valve assembly, *with 240 volt coil*

67517 - Manual valve kit for lobe pump cleaning solution

67516 - Single dripper kit for lobe pump cleaning solution

99976 - 2 AMP breaker

INCLUDES:

- **CONTROL BOX WITH VALVE**
- **HOSE WITH FILTER**
- **HOSE WITH BARB FITTING FOR VACUUM LINE**



TKX

**ALL PURPOSE PENETRANT, LUBRICANT and
PROTECTANT FOR USE WITH E-ZEE CLEAN SYSTEM.**

- *Great for lobe pumps*
- *Helps to protect lobes inside pump from build-up and rust*
- *Displaces moisture*
- *Excellent lubricant*

67511 - 1 gallon

Case quantity = 4

Please specify gallon(s) or case(s) when ordering



VACUUM PUMP PARTS AND SUPPLIES, ETC.

OILERS AND DRIPPERS



67209 - 2 dripper system
w/stainless steel bracket mount
for DeLaval® 777



67210 - Triple oiler valve
w/stainless steel bracket mount
for DeLaval® 78



67211 - 2 dripper system
w/stainless steel bracket mount
for DeLaval® 76



67213 - Triple oiler valve for
Surge® 100 Plus pump
(Includes tubing)



67214 - 2 dripper system for
Surge® 75 Plus pump
(Includes tubing)

NOT PICTURED

67212 - 2 dripper system
for FR4-A pumps

67215 - 2 dripper system
for Masport® pumps

67208 - Triple oiler kit
for RPS 2800 pump

67217 - 100' Roll 1/4" tubing
for oil lines (1/8" ID)

67196 - Stone filter
with compression fitting, for oilers

67199 - Brass nut with white sleeve for
compression fitting

67218 - 1/4" Compression
fitting
for oil drippers
with 1/8" NPT
male thread
(straight)



67219 - 1/4" Compression
fitting
for oil drippers
with 1/8" NPT
male thread
(elbow)

67226 - Oil Dripper
with 1/8" NPT Thread



67222 - Oil Dripper
with 1/4" NPT Thread



VACUUM PUMP PARTS AND SUPPLIES, ETC.

PVC SWING CHECK VALVE

67242 - 3" 67244 - 4"
67314 - 6"

REPLACEMENT FLAPPER

67243 - 3" 67245 - 4"
67315 - 6"



PVC GATE VALVES

67336 - 2" 67337 - 4"
67335 - 3" 67312 - 6"



BRASS ANTI-REVERSE SWING CHECK VALVES

67239 - 2" 67240 - 2½"
67241 - 3"



EXHAUST FLAPPERS

67333 -
Exhaust
Flapper Kit
for 2" to 3"

67331 -
Exhaust
Flapper Kit
for 4"

67332
- Exhaust
Flapper Kit
for 1½" to 2"



FITTINGS, ETC.

FOR OUR FULL LINE OF FITTINGS PLEASE REFER TO PART NUMBERS STARTING WITH:
65501 FOR GALVANIZED AND 66130 FOR PVC, LISTED IN OUR PRICE BOOK.

FLEXIBLE COUPLINGS

67318 - 6" x 6"
67230 - 4" x 4"
67231 - 3" x 3"
67232 - 3" x 2"
67233 - 2" x 2"
67249 - 1½" x 1½"



GALVANIZED NIPPLES

67236 - 2½" x 12"
67237 - 2½" x 8"
67247 - 2½" x 6"
67248 - 2½" x 4"



67235
- 2½"
Galvanized
90° elbow

67234
- 2½"
Galvanized
union



67238
- 3" x 2½"
Galvanized
reducer



67850
- Replacement
Pulley
for DL 78 pump



67252 - Replacement 6-J
Rubber sleeve for Surge®
100 Plus direct drive coupler

67253 - Replacement 8-J
Rubber sleeve for Surge®
2300 direct drive coupler

67306 - 1⅛" flange
67307 - 1⅜" flange
67308 - 1⅛" flange
67309 - 1⅜" flange



for 6J coupler
for 6J coupler
for 8J coupler
for 8J coupler

VACUUM PUMP PARTS AND SUPPLIES, ETC.



VERTICAL PVC BALANCE TANKS

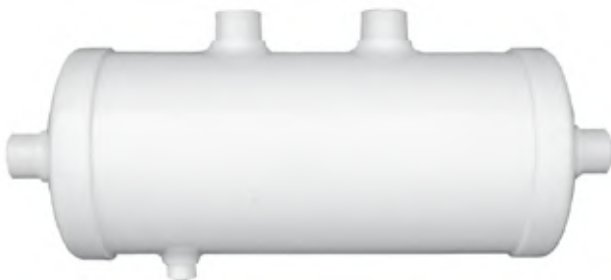
67322 - 30 Gallon Vertical - 3" ports - 15" x 36"

67344 - 40 Gallon Vertical - 3" ports - 15" x 48"

67348 - 40 Gallon Vertical - 4" ports - 15" x 48"

67352 - 15" End Cap with 1½" outlet

"VACUUM DRAIN INCLUDED WITH ALL TANKS"



HORIZONTAL PVC BALANCE TANKS

67324 - 30 Gallon Horizontal - 3" ports - 15" x 36"

67345 - 40 Gallon Horizontal - 4" ports - 15" x 48"

67347 - 15" End Cap with 3" outlet

"VACUUM DRAIN INCLUDED WITH ALL TANKS"

PVC PRE-FILTERS w/stainless steel screen

67320 - 3" Pre-filter

67321 - 4" Pre-filter

67316 - 6" Pre-filter



"VACUUM DRAIN INCLUDED WITH ALL TANKS"

REPLACEMENT PARTS

67342 - Stainless steel screen
Size = 11½" x 18½"

67354 - Stainless steel screen
Size = 11½" x 18" For BM Pre-Filters

67339 - Drain elbow *with flapper, 1½ NPT*

67351 - Drain elbow *with flapper, 1¼ NPT*

67338 - Flapper, *only*

67343 - Lid *for 3" and 4" Pre-filter*

67341 - Lid Gasket

67319 - Baffle, V-block

ULTRACHEM PD OIL



FOR SUTORBILT®
LOBE PUMPS

67357 - 1 qt.
Case Quantity = 12

67356 -
AEON PD - 1 qt.

RED #2 GREASE



FOR SUTORBILT®
LOBE PUMPS

67358
- Tube grease

Case Quantity = 10

VACUUM PUMP OIL



FOR VANE PUMPS

67505 - gallon
Case Quantity = 6

67507 - 5 gallon

VACUUM PUMP PARTS AND SUPPLIES, ETC.

VACUUM DRAINS



59445 - Black plastic drip drain, 1/2" NPT

59435 - PVC drain, 1 1/4" NPT

59437 - Ball only, for PVC drain



NEW STYLE PVC LINE DRAIN

59450 - PVC drain, DL style, 1 1/4" NPT

59455 - Rubber insert

59452 - Ball only

59457 - Cotter pin

59458 - PVC housing



MOTOR BASES

67454 - 182-T

67455 - 324-T

67456 - 184-T

67457 - 213-T

67458 - 215-T

67459 - 254-T

67460 - 256-T

67461 - 284-T

67462 - 286-T

67455 - 324-T



VACUUM SYSTEM FOR MAPLE OPERATIONS

- ☛ FLOOD RECLAIMER SYSTEM WITH DEMISTER
- ☛ SYSTEM WILL RUN AT 20" TO 24" VACUUM CONTINUOUSLY
- ☛ OIL COOLER WITH 1/4 HP MOTOR KEEPS OIL COOL
- ☛ PUMPS ARE SET UP AT A SPECIAL TOLERANCE FOR FLOOD SYSTEM
- ☛ AVAILABLE IN VARIOUS PUMPS AND MOTOR SIZES

**"WE CAN HELP YOU DESIGN
THE PERFECT SIZE PUMP
FOR YOUR NEEDS."**



68750 - 5 HP Vacuum system, with E-5 pump, reclaimer, demister and oil cooler

68753 - 5 HP Vacuum system, with E-5 pump, reclaimer, demister and oil cooler, LESS MOTOR

68754 - 5 HP Vacuum system, with E-5 pump, reclaimer, demister and oil cooler. Set up for 13 HP gas on vertical stand

68770 - 7.5 HP Vacuum system, with E-7.5 pump, reclaimer, demister and oil cooler

68771 - 7.5 HP Vacuum system, with E-7.5 pump, reclaimer, demister and oil cooler, LESS MOTOR

67607 - Reclaimer package, 2" with demister & filter

68740 - Oil cooler with 1/4 HP motor

68741 - NPT fitting for oil cooler

REGULATORS

RP SERVO® REGULATOR AND PARTS

For up to 80 American CFM's

- | | |
|-------------------------------------|---------------------------------------|
| 17825 - RP180 Regulator | 17819 - Large bottom filter |
| 17810 - 5 piece repair kit | 17822 - Large center diaphragm |
| 17815 - Top small filter | 17823 - Top diaphragm |
| 17817 - Center medium filter | |



67223 -
Vacuum
release valve
for Portable
Systems

350 & 500 REGULATORS AND PARTS

- 17894** - Sentinel 350 regulator (350 American CFM's)
- 17898** - Sentinel 500 regulator (500 American CFM's)
- 17830** - Air filter, for Sentinel 350/500
- 17846** - Top felt filter for Sentinel 350/500
- 17852** - Top dome filter, for Mark II, 350/500
- 17840** - Top filter cartridge holder
- 17842** - Top dome filter o-ring
- 17844** - Filter cartridge holder bottom
- 17895** - Adjusting Wrench for Sentinel 350
- 17896** - Diaphragm, for Sentinel 350
- 17881** - Peacekeeper, for Sentinel 350/500
- 17883** - Filter for Peacekeeper (fits all models)
- 17885** - Aneroid assembly, for Sentinel 350/500



MARK II REGULATOR AND PARTS

- 17890** - Mark II regulator (150 American CFM's)
- 17849** - Foam filter, for Mark II
- 17850** - Sentinel Mark II regulator foam filter
- 17853** - Roll seal
- 17854** - Flow ring, for Mark II regulator
- 17856** - Diaphragm with plate
- 17862** - Top rubber knob
- 17864** - White flange assembly, for Mark II
- 17858** - Silicone outlet seal, for base
- 17859** - Rod Seal for Mark II
- 17866** - Poppet assembly, for Mark II
- 17867** - Filter cap for Mark II
- 17868** - Retaining washer, for Mark II
- 17869** - Dome diaphragm, for Mark II
- 17880** - Peacekeeper, for Mark II
- 17883** - Filter, for Peacekeeper (fits all models)
- 17865** - Adjuster housing, for Mark II regulator



REPLACEMENT REGULATOR REPAIR KITS

- 17870** - 4 piece repair kit for Mark II
Includes: 1 roll seal, 1 dome filter, 1 body filter and 1 diaphragm with plate
- 17875** - Worn parts kit for Mark I and Mark II
Includes: flow ring, dome diaphragm, rolling seal, adjusting knob, main diaphragm, main filter, dome filter, o-ring, 3-flange screws, 3-adjuster screws, outlet seal and flange assembly

REGULATOR PARTS

- 05258** - 5K regulator rebuild kit, Minor (7750-0013-890 WF/S)
- 05259** - 5K regulator rebuild kit, Major (7750-0013-889 WF/S)
- 05256** - Filter for Commander 1.5K & 5K (7750-0213-851 WF/S)
- 05521** - Vacurex® diaphragm with vent (#7047-9926-470 WF/S)
- 05522** - Vacurex® diaphragm without vent (#7047-1702-000 WF/S)
- 03271** - Filter for Servo® (96798902 DL)
- 67310** - Safety valve for vacuum systems, up to 100 CFM's 2" NPT
- 67311** - Safety valve for vacuum systems, up to 200 CFM's or larger 3" NPT

17495

- Replacement
filters for
Vacurex®
(pack of 10)



VACUUM GAUGES



17920 - Digital Solar Vacuum Gauge



67224 - Small 2" vacuum gauge
for portable pump units



17918 - Adjustable 3½" vacuum gauge



17913 - Adjustable Stainless 4½" vacuum gauge

CFM TESTERS

KIT INCLUDES:

- Carry Case • Tester with 3½" Gauge
- Spare 3½" Gauge
- Adaptor for 3" Pipe • Extra Plugs

17785 - 160 CFM Tester "American CFM's"

17780 - 260 CFM Tester "American CFM's"

17786 - CFM plug (size 10)

17787 - CFM plug (size 20)



2" RECLAIMER PACKAGES AND PARTS

67220

- 2" Oil reclaimer
with filter assembly,
drain hose and 2 drippers

**DESIGNED TO
COLLECT
MORE OIL!**



REPLACEMENT FOR SURGE® PUMPS

67221

- 2" Oil reclaimer
with filter assembly
and drain hose.
with Bottom Intake

*Oil drippers Not Included
See parts section below*



67213 - Triple oiler valve for Surge® 100 Plus pumps

67214 - 2 dripper system for Surge® 75 Plus pumps

67215 - 2 dripper system for Masport® Pumps

67216 - Spin-off oil filter assembly for Surge® oil reclaimers

67227 - Filter for oil reclaimer, NAPA #21515

67196 - Stone filter with compression fitting, for oilers

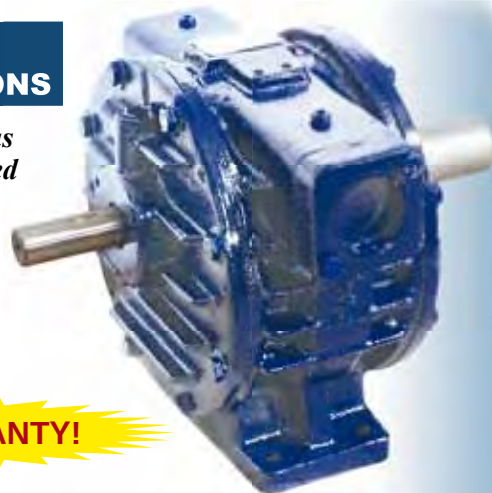
67197 - Elbow with ¼ brass tubing, for DL 78 oiler

67205 - Oil filter housing with ½" ball valve

NEW VANE VACUUM PUMPS

A HEAVY DUTY VACUUM PUMP THAT CAN BE USED IN MANY DIFFERENT APPLICATIONS

Pumps have a double end shaft for more installation options. Bare shaft has a cover that can be switched to the opposite side. These pumps are assembled with high quality vanes, seals and bearings. Each pump is individually assembled and tested. All parts interchange with name brand pumps that have been sold in the USA for over 20 years.



M-STYLE E-5 VACUUM PUMP PACKAGES

55 cfm @ 1000 RPM with 5 HP motor

VERTICAL STAND

1 YEAR WARRANTY!

67555 - M-style E-5 vacuum pump head

67556 - Pump with 5 HP drive package - less motor *(includes 2 oil drippers and hose)*

67557 - Pump *(same as above plus a 2" reclaimer)*

HORIZONTAL STAND

67566 - Pump with 5 HP drive package-less motor *(includes 2 oil drippers and hose)*

67567 - Pump *(same as above plus 2" reclaimer)*

67550 - Masport M-4 pump on vertical stand, *with 2" oil reclaimer*

67551 - Masport M-4 pump on vertical stand, *less oil reclaimer*

67552 - Masport M-4 pump head, only



FOR MOTOR OPTIONS PLEASE SEE PAGE 97

M-STYLE E-7.5 VACUUM PUMP PACKAGES

80 cfm @ 1000 RPM with 7.5 HP motor

VERTICAL STAND

67650 - M-style E-7.5 vacuum pump head

67656 - Pump with 7½ HP drive package-less motor

Includes: 2 oil drippers and hose

67657 - Pump *(same as above plus a 2" reclaimer)*

HORIZONTAL STAND

67665 - Pump with 7½ HP drive package-less motor

Includes; 2 oil drippers and hose

67667 - Pump *(same as above plus 2" reclaimer)*



FOR MOTOR OPTIONS PLEASE SEE PAGE 97

REPLACEMENT PARTS

21970 - Set/4 vanes for M-style E-5 or M-5

21965 - Set/4 vanes for M-style E-7.5 or M-7.5

21966 - Bearing for M-style E-5, E-7.5, M-5 or M-7.5

21967 - Seal for M-style E-5, E-7.5, M-5 or M-7.5

67549 - Inlet flange gasket

67561 - Shaft cover

67573 - Inlet flange

67579 - Endplate gasket, .003

67578 - Endplate gasket, .002

67574 - Drive kit for E-5 or E-7.5 / 1000 RPM

Includes: 1-Motor Pulley/2BK-40, 1-Pump Pulley/66-2B, 2-Hubs and 2-B-62 Belts

REBUILT VANE VACUUM PUMPS

PLEASE CALL FOR AVAILABILITY

DELAVAL®

- 114090** - 78-2½" pump unit, *with rebuilt 5 HP motor and 3" reclaimer*
- 114060** - 78-2½" pump unit, *with rebuilt 7½ HP motor and 3" reclaimer*
- 114190** - 78-2½" pump head, *only*
- 114196** - 78-2½" pump head, *with pulley and New triple oiler*
- 114194** - 78-2½" pump head, *with New triple oiler*
- 114150** - 78-2" pump unit, *with rebuilt 5 HP motor and 2" reclaimer*
- 114180** - 78-2" pump head, *only*
- 114200** - 777 pump unit, *with rebuilt 5 HP motor and oiler*
- 114210** - 777 pump head, *only*
- 114030** - 76 pump unit, *on stand, with rebuilt 3 HP motor*
- 114000** - 76 pump head, *only*
- 114120** - 84 pump unit, *with 3" reclaimer, less motor*
- 114125** - 84 pump head, *only*

114194



MASPORT®

- 177000** - M-7.5 pump unit, *with rebuilt 7½ HP motor and reclaimer*
- 177050** - M-7.5 pump head, *only*
- 177100** - M-5 pump unit, *with rebuilt 5 HP motor and reclaimer*
- 177150** - M-5 pump head, *only*
- 177200** - M-3 pump unit, *with rebuilt 3 HP motor, floor stand and oiler*
- 177250** - M-3 pump head, *only*
- 177310** - M-15 complete unit, *with 3" reclaimer, less motor*
- 177320** - M-15 pump head, *only*

177100



SURGE®

- 137100** - 100 Plus pump, *with 5.5 HP motor and reclaimer - direct drive*
- 137030** - 100 Plus pump, *with reclaimer, new drippers and oil filter*
- 137000** - 100 Plus pump head, *only*
- 137250** - 75 Plus pump unit, *on stand, with 4.5 HP motor and reclaimer*
- 137190** - 75 Plus pump, *with reclaimer, new drippers and oil filter*
- 137150** - 75 Plus pump head, *only*
- 137350** - 2300 pump head, *only*
- 137550** - 5.5 HP motor
- 137600** - 4.5 HP motor

137030



WESTFALIA®

- 147000** - New Style RPS 2800 pump, *with rebuilt 5 HP motor and reclaimers*
- 147030** - New Style RPS 2800 pump, *with rebuilt 7½ HP motor and reclaimers*
- 147050** - New Style RPS 2800 pump unit, *less motor*
- 147055** - New Style RPS 2800 pump head, *only*
- 147070** - Old Style RPS 2800 pump unit, *less motor*
- 147080** - Old Style RPS 2800 pump head, *only - no fan*

147030



BOUMATIC®

- 127000** - FR4-A pump, *with rebuilt 5 HP motor on stainless tank and with oiler*
- 127055** - FR4-A pump head, *with oiler*
- 127085** - FR4 pump head, *with oiler*
- 127090** - FR3-A pump head, *with oiler*

VANES, BEARINGS, SEALS AND COMPLETE KITS

E-Zee uses a high quality Kevlar material for all replacement vanes and they contain NO glass material.

These vanes are top quality, are non abrasive so pumps run cooler, quieter and will last longer.

They are made to exact length, width and thickness by a company that makes vanes for many different applications.

REPLACEMENT PARTS FOR DeLAVAL®

For 78

21950 - Set of 4 vanes

21951 - Bearing

21952 - Shaft seal

21954 - COMPLETE REBUILD KIT

Includes: 1-21950, 2-21951 and 1-21952

For 76

21955 - Set of 4 vanes

21956 - Bearing

21957 - Shaft seal

21959 - COMPLETE REBUILD KIT

Includes: 1-21955, 2-21956 and 1-21957

For 777

21995 - Set of 4 vanes

21951 - Bearing

21992 - Shaft seal

21999 - COMPLETE REBUILD KIT

Includes: 1-21995, 2-21951 and 1-21992

For 84

22000 - Set of 5 vanes

22001 - Bearing

22002 - Shaft seal

REPLACEMENT PARTS FOR MASPORT®

For M-7.5

21965 - Set of 4 vanes

21966 - Bearing

21967 - Shaft seal

21969 - COMPLETE REBUILD KIT

Includes: 1-21965, 2-21966 and 2-21967

For M-5

21970 - Set of 4 vanes

21966 - Bearing

21967 - Shaft seal

21974 - COMPLETE REBUILD KIT

Includes: 1-21970, 2-21966 and 2-21967

For M-3

21975 - Set of 4 vanes

21976 - Bearing

21977 - Shaft seal

21979 - COMPLETE REBUILD KIT

Includes: 1-21975, 2-21976 and 1-21977

For M-15

22140 - Set of 4 vanes

22141 - Bearing

22142 - Shaft seal

22144 - COMPLETE REBUILD KIT

Includes: 1-22140, 2-22141 and 2-22142

REPLACEMENT PARTS FOR BOUMATIC®

For DB-2000

22120 - Set of 4 vanes

22130 - Set of 3 vanes

22121 - Bearings (*Needle*)

22122 - Bearings (*5207*)

22133 - Shaft seal

22134 - COMPLETE 3 VANE REBUILD KIT

Includes: 1-22130, 1-22121, 1-22122 and 2-22133

22124 - COMPLETE 4 VANE REBUILD KIT

Includes: 1-22120, 1-22121, 1-22122 and 2-22133

For FR4/FR4-A

21990 - Set of 4 vanes

21991 - Bearing

21992 - Shaft seal

21994 - COMPLETE REBUILD KIT

Includes: 1-21990, 2-21991 and 2-21992

For FR3/FR3-A

21989 - Set of 4 vanes

21991 - Bearing

21992 - Shaft seal

For VP-155

22207 - Bearing

22142 - Seal

VANES, BEARINGS, SEALS AND COMPLETE KITS

REPLACEMENT PARTS FOR SURGE® / WESTFALIA®

For Alamo 75/100 Plus

- 21980** - Set of 4 vanes
- 21981** - Needle bearing (*shaft side*)
- 21982** - Double row bearing (*back*)
- 21983** - Shaft seal
- 67805** - Blue shim .005
- 67808** - White shim .025
- 21986** - O-ring for end plate
- 21984 - COMPLETE REBUILD KIT**
Includes: 1-21980, 1-21981, 1-21982, 1-21983, 3-67805, 1-67808 and 2-21986

For Alamo 30/40 Plus

- 21985** - Set of 4 vanes
- For bearings and seals, etc. use part #'s listed under 75/100 Plus, as all parts interchange with the exception of vanes.*

MISCELLANEOUS PARTS

- 67810** - Bearing race, *for 30, 40, 75 & 100 Plus*
- 67825** - Reclaimer gasket
- 67630** - Screen, *for reclaimers*
- 67225** - Foam filter (*2 pk.*)

ORIGINAL ALAMO® PARTS

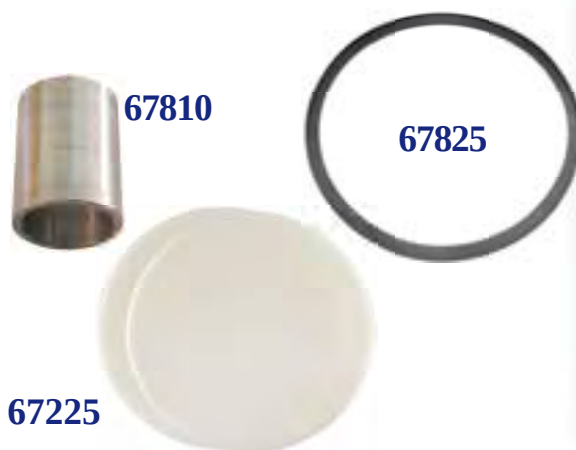
- 05465** - Flapper valve, 2" (*7750-0020-440 WF/S*)
- 05473** - Filter gasket (*7750-0014-379 WF/S*)

For Alamo 2300/2800

- 22110** - Set of 4 vanes
- 22111** - Bearing (*shaft side*)
- 21991** - Bearing (*back*)
- 22113** - Seal (*shaft side*)
- 22114** - Seal (*back*)

For WF RPS 2800

- 21960** - Set of 4 vanes
- 21961** - Bearings
- 21962** - Shaft seal
- 21964 - COMPLETE REBUILD KIT**
Includes: 1-21960, 2-21961 and 2-21962



MOTOR PULLEYS

				<u>HUB</u>
65040	- 5 HP	RPS 2800	3 GROOVE	SH
65041	- 7½ HP	RPS 2800	3 GROOVE	SH
65042	- 10 HP	RPS 2800	3 GROOVE	SH
65045	- 5 HP	D-L 78	2 GROOVE	SH
65046	- 7½ HP	D-L 78	2 GROOVE	SH
65047	- 10 HP	D-L 78	2 GROOVE	SDS

**FOR OUR FULL LINE OF PULLEYS AND HUBS,
PLEASE REFER TO PART NUMBERS
STARTING WITH:
65000 LISTED IN OUR PRICE BOOK.**

BELTS

- 67255** - 2/3V x 530 double banded belt
- 67256** - 2/3V x 560 double banded belt
for DL 78 5 HP pump
- 67257** - 2/3V x 600 double banded belt
for DL 78 7½ or 10 HP pump
- 67258** - 2/3V x 630 double banded belt
- 67259** - 3/3V x 530 triple banded belt
for RPS 2800 5 HP and 7½ HP
- 67260** - 3/3V x 560 triple banded belt
for RPS 2800 10 HP
- 67261** - 3/3V x 600 triple banded belt
- 67262** - 3/3V x 630 triple banded belt



REPLACEMENT PARTS FOR BOUMATIC® TAKEOFFS



85335 - POWER SUPPLY
FOR 16 TAKEOFF UNITS
ALL STAINLESS BOX



REPLACEMENT PARTS FOR POWER SUPPLY

- 43112** - Rectifier, 35 amp
- 85306** - Capacitor *with holder*
- 85309** - 120 volt M.O.V.
- 85312** - Lightning arrestor
- 85314** - Line filter
- 85317** - Fuse holder
- 85323** - 5 AMP fuse
- 85321** - On/off toggle switch
- 91836** - Toggle switch cover
- 85325** - 120 volt AC input/11/24 volt AC output transformer

99771 - 18" cylinder *for 2100 and 3400*

99773 - 15" cylinder *for 2700*



99766
- 3/4" x 17/8" stainless
flat washer *for top*



99767
- 3/4" x 16" stainless
hex jam nut *for top*



99768
- 7/16" x 20" stainless hex
jam nut *for rod*



99804 - Stainless chain *cut in 50" lengths for BM air takeoff*

96030 - Stainless chain *per foot*

REPLACEMENT BULBS FOR BM TAKEOFFS



99385
- Clear bulb



99387
- Amber LED
bulb



99388
- Red LED
bulb



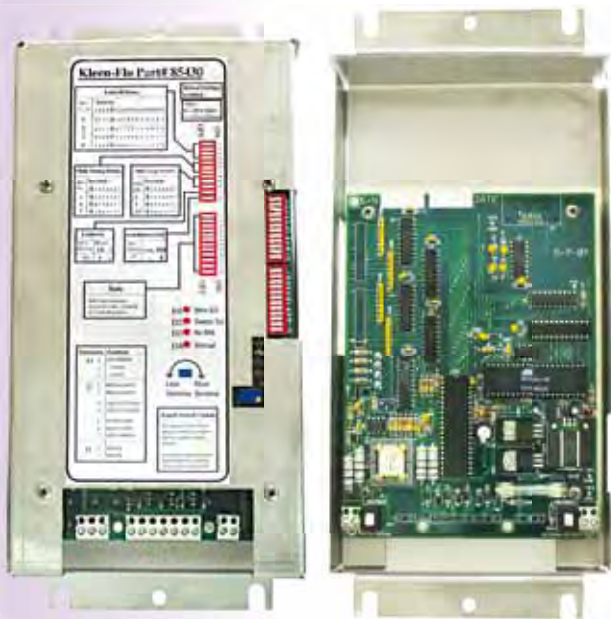
99389 - Replacement
Amber LED bulb,
with 18" wire



99390 - Replacement
Red LED bulb,
with 18" wire

REPLACEMENT PARTS FOR BOUMATIC® TAKEOFFS

85430 - New Style Kleen-Flo Circuit Board
with stainless chassis for 2000 and 3000 Series



- ➡ Regulated valve and lamp outputs
- ➡ 100 to 4,600 OHM sensitivity range
- ➡ 1½ or 3 minute letdown time
- ➡ Features milk sweep function
- ➡ Incandescent/LED lamp capability
- ➡ Press either button when unit is in "sleep" mode, and it goes into "wash" mode

2 YEAR WARRANTY

85437 -
Wiring harness for
85430 circuit board,
less board terminal



97825 - 5" x 24" Tie rod air cylinder,
for BM crowd gate, 1 3/8" rod (includes clevis bracket)



97830 - 5" rear clevis bracket

97841 - 3/4" clevis pin

97844 - 3/4" x 16 clevis rod

MISCELLANEOUS PARTS

92241 - Cylinder bottom, for 2000, 3000, 4200 and 4400

98789 - 1/4" Nylon rope - sold per foot - roll size is 1000 ft.

99689 - Sealing washer, for 2000/3000 and 4200/4400 piston

99703 - Palm push button

99890 - 2 1/2" x 5/8" stainless nipple, for 2000/3000 milk hose ~ CUSTOM SIZES AVAILABLE ~

99892 - 2" x 3/4" stainless nipple, for milk hose

99712 - 2 AMP fuse, for 2000 and 3000 Series Boards

99782 - Shuttle valve, for 2100

99726 - 1/4" O.D x 1/8" I.D. air tubing, for 2100...specify color

99830 - Rubber shutoff hose .62" x 3.25", for 2100 or 2101 clear air sensors

99802 - Cable, 10' long for Precision meter

99715 - O-ring, for old style meter lid (style of lid with 2 ears)

NEW **99784** - Straight pin style eprom, for Perfection (specify version)

NEW **99785** - Carriage holder style eprom, for Perfection (specify version)

99791 - Bushing, for 2100 hose support (uses 2)

92241



99703



99782



99791



99830



99875 - One
piece plunger
assembly
for new style BM
sensor



99885 - Plunger assembly
for new style sensor

99886 - Plunger only,
for new style sensor

99751 - Diaphragm only,
for new style sensor

99788 - Plastic
terminal holder
for Perfection board



REPLACEMENT PARTS FOR BOUMATIC® TAKEOFFS

REPLACEMENT KITS AND PARTS FOR BM PERFECTION METER

99851 - 6 piece ~ rubber parts kit, *ONLY*

INCLUDES:

- 99753 - White diaphragm
- 99840 - Large seal, (uses 2)
- 99842 - Red silicone seal
- 99844 - Plug
- 99847 - Small thin black o-ring

99850 - Complete service kit

INCLUDES:

- 99753 - White diaphragm
- 99840 - Large seal, (uses 2)
- 99842 - Red silicone seal
- 99844 - Plug
- 99847 - Small thin black o-ring
- 99852 - Stainless plate
- 99856 - Stainless insert
- 99858 - Stainless spring
- 99861 - Plastic threaded nut
- 99863 - Stainless bolt
- 99865 - Diaphragm assembly



99753
- White diaphragm



99865
- Diaphragm assembly



99575 - Keypad
for BM metering takeoff



99695 - Touch switch,
with gasket

99696 - Gasket
for 99695 switch



99780
- Solenoid valve
for Perfection meter



99756 - Diaphragm
for 2000V shutoff



99675 - Piston seal
for 2000/3000 and
4200/4400 series cylinder

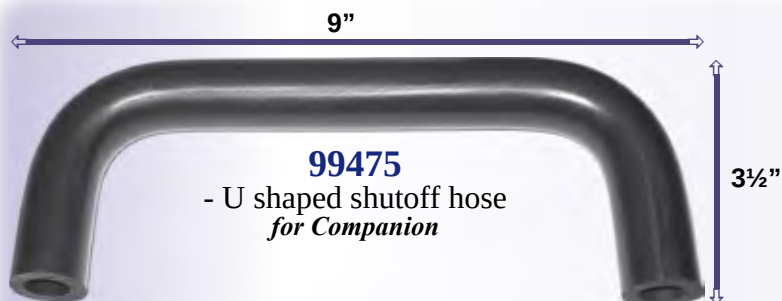


99720 - Grey nylon filter/
muffler
for 2000/3000 series speed
control head



99719 - Metal
filter/muffler
for 2000/3000
series solenoid

REPLACEMENT PARTS FOR BOUMATIC® TAKEOFFS



99475
- U shaped shutoff hose
for Companion



99460 - 3.125 piston seal
for Companion or 4000D takeoff



99455 - Molded shutoff diaphragm
for Companion or 4000D takeoff



99420
- Companion
flex switch



99425 -
Handle and
flex switch

99423 -
Handle, only
NOT SHOWN



99440 - Contact probe
for Companion

NOT SHOWN

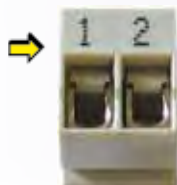
99441 - $\frac{6}{32} \times \frac{1}{4}$ " Set screw
for contact probe

TERMINALS FOR BM CIRCUIT BOARDS

92414 - 2 pin terminal

92415 - 3 pin terminal

92417 - 5 pin terminal



92418 - 6 pin terminal

92419 - 7 pin terminal

92421 - 10 pin terminal



99775 - Solenoid
for 2100 or 2101



99779 - 3 way
Solenoid
for 2000V and 2000VM



99777 - 4 way
Solenoid
for 3000 series



92208 - Mac valve
solenoid
for Omni® air &
Advantage TS - 24 VDC

REPLACEMENT KLEEN-FLO SENSOR ASSEMBLIES FOR BOUMATIC® TAKEOFFS

99882 - Curb mount
Air Sensor Assembly, 3/4"



99877 - 3" Line mount
Vacuum Sensor Assembly, 3/4"



99880 - Curb mount
Sensor body, *only*



OTHER OPTIONS AVAILABLE

99881 - Curb mount Vacuum Sensor Assembly, 3/4"

99884 - Curb mount Vacuum Sensor, *less bracket*

99894 - Curb mount Air Sensor, *less bracket*

99876 - 3" Line mount Air Sensor Assembly, 3/4"

99873 - Line mount Air Sensor, *less bracket*

99874 - Line mount Vacuum Sensor, *less bracket*

99878 - Line mount Sensor Body, *only*

**SEE PAGE 130
FOR MORE DETAILS**

NEW

REPLACEMENT BRACKETS AND MOUNTING HARDWARE

10060 - Stainless bottom bracket *with chain bushings*

10070 - Stainless chain shield

99742 - Stainless top mounting bracket, *for 2100*

99729 - Stainless retaining ring, *for white chain bushing*

99807 - White chain bushing, *for bottom bracket*

99749 - Stainless U-bolt, *for #99740 and #10060 bracket*

99817 - Stainless mounting bracket, *with 2 clamps
for new style BM curb mount sensor*

99817-1 - Side clip, *for 99817 bracket*

99819 - Stainless bracket, *for 2100 sensor*

91767 - 5/8" stainless curb mount hose support bracket

91769 - 3/4" stainless curb mount hose support bracket

99746 - Stainless hose clamp, *for #99740 bracket*

99740 - Stainless mounting bracket, *for the 2000, 2101, 3000, 4200, 4400, 4600*

99825 - Stainless wall mounting bracket, *for Perfection 3000 meter*

99340 - Handle bracket, *for Companion*

99462 - Washer plate, *for Companion piston*

10060



10070



99817



99825



91767

**Custom
Sizes
Available**



99740

REPLACEMENT SHUTOFF ASSEMBLIES FOR TAKEOFFS



99160

**PLASTIC BODIES
NOW MADE
WITH RADEL**

⇒ Available with air or vacuum operated top

⇒ Plastic breakaway kit included

⇒ Mounting brackets not included



99150

99146 - Plastic radel body, *only, for shutoff*

99150 - 3/4" plastic radel vacuum operated shutoff assembly, *mounting bracket not included*

99160 - 3/4" plastic radel air operated shutoff assembly, *mounting bracket not included*

99180 - Breakaway clamp kit

99185 - Silicone gasket

99177 - Breakaway spring clamp

99175 - Breakaway clamp half only, *2 needed*

99148 - Vacuum top assembly, *with nut*

99172 - 5/8" stainless curb mount bracket

99173 - 3/4" stainless curb mount bracket

99174 - 7/8" stainless curb mount bracket

91810 - 3" stainless milk line clamp

91811 - Gasket, *for 3" stainless milk line clamp*

99885 - Plunger assembly

99886 - Plunger, *only*

99875 - One piece plunger assembly

99889 - Blue nut

99888 - Stainless nut



99148



99180



99155



99888



99889

PARTS FOR AIR ASSEMBLY ONLY

99155 - Top assembly, *with nut*

99162 - Shut off top, *only*

99163 - Insert, *for top*

99164 - Snap ring, *for top*

99165 - Flat washer, *for top*

99166 - Screw, *for top*

99167 - Spring, *for top*

99168 - O-ring, *for top*

99169 - U-cup, *for top*

99170 - Sealing washer



91810



99173

REPLACEMENT PARTS FOR DeLAVAL® TAKEOFFS

PARTS FOR SST#2



85035 - Silicone keypad, with stainless cover and connector board to adapt to SST#2® 5.2, 5.3 or 6.1 boards

85020 - Keypad with connector board, LESS stainless cover

85070 - Silicone keypad, only

85076 - Connector board, only for E-Zee keypad

85040 - Replacement keypad kit with rebuilt circuit board (Specify what version board needed 5.2, 5.3 or 6.1)



98575 - HFC sensor board for DL



98769 - Stainless box with cover for SST#2, Deeper for HFC sensor

98771 - Stainless box with cover for SST#2 and silicone style keypad (as shown)



91805 - Stainless L shaped bracket for SST#2

98738 - Clamp for 2" stainless cylinder with 1/2" thread

98741 - Clamp for 3" plastic cylinder with 1/2" thread

These 3" clamps can be used on: Plastic VSO, Little Champ and Plastic SST#2

Standard length is 39 1/2"
Custom Sizes Available

98721 - Stainless cylinder for SST# 2, with rope

98731 - Stainless cylinder for SST# 2, with stainless chain

98723 - Stainless horizontal cylinder for SST# 2, with rope and pulley



92241 - Cylinder bottom for stainless SST#2 (rope style)

92239 - Cylinder bottom for stainless SST#2 (chain style)

92473 - Cylinder bottom with pulley assembly for stainless SST#2 (for chain or rope)

98734 - Piston for stainless SST#2 cylinder (for rope)

98735 - Seal for SST#2 piston, for SS cylinder

NEW



98735



98734

98950 - Cover kit, for control valve

98951 - Blue cover gasket

98952 - Fresh air nipple, only

98953 - Fresh air screen, only

98954 - Blank plug (replaces screen)

98703 - Flag terminal, for SST#2 or Milkmaster

43317 - Magnetic plate, for SST#2 or Milkmaster

20161 - 3/16" tubing, for DV300 sensor & plastic shutoff

20164 - Gasket, for inlet

20165 - Shutoff diaphragm, for inlet

98695 - Sensor jar

98693 - 5/8" vertical sensor lid, SST#2 or DV300

98702 - Reed switch, for SST#2 or ARM takeoffs

98710 - HFC sensor diaphragm

98713 - Bracket, for HFC sensor

98675 - Rubber kit, pipe mount, Vac/Atm with OEM diaphragm

98734 - Piston for stainless SST#2 cylinder (for rope)

98736 - Piston for stainless SST#2 cylinder (for chain)

20164 **20165**



98703



43317



98702

NEW



98693

98695



98710



98713



98675

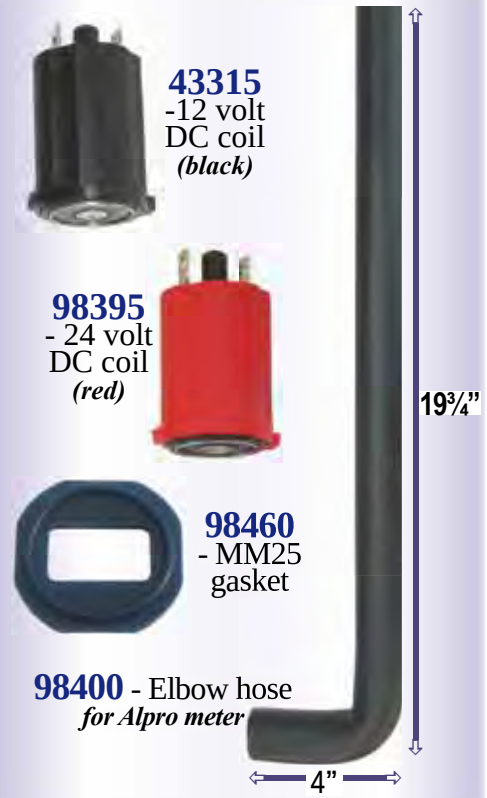


REPLACEMENT PARTS THAT FIT DeLaVal® TAKEOFFS

PARTS FOR MILKMASTER



PARTS FOR DL METERS



MISCELLANEOUS REPLACEMENT PARTS

- 98805** - Wear plate, for ARM I or II takeoff linkage
- 98802** - Start/Remove switch, for ARM I
- 98810** - SRK - SQE1 exhaust repair kit, for ARM I or II
- 98811** - SQE1 exhaust, for ARM I or II
- 98717** - Strap to mount stainless SST#2 cylinder to stainless box
- 98719** - Strap to mount plastic SST#2 cylinder to stainless box
- 98720** - Adaptor plate to mount stainless SST#2 box to plastic cylinder
- 98704** - 3 strand wire harness, for SST#2 control valve, 7' long
- 98705** - 4 strand wire harness, for SST#2 control valve, 7' long
- 98744** - Replacement seal, for plastic cylinder (fits SST2, Advisor & Eco)
- 98949** - Grommet, for wiring harness
- 98790** - 3/16" Nylon rope (sold per foot - roll size is 1000 ft.)
- 91819** - Bulb, for ARM I
- 98756** - Bulb, for SST#2 or ARM II
- 98960** - Repair kit, for Milkmaster pulsator
- 98651** - Wear clip, for cover/cord lock
- 98800** - Stainless base, for DL Arm
- 98804** - Stainless bar, for DL Arm
- NEW** **98670** - Holder, for dual cell 23MM MilkMaster Battery
- NEW** **98672** - CR2354 Lithium Battery, for Milkmaster
- NEW** **98674** - Eprom, for Milkmaster Version 2.41

98805



98800



NEW

98744



AIR CYLINDERS

- 98745** - Pinch cylinder for ARM I or II
- 98747** - 12" Retract cylinder for ARM I or II
- 98749** - 14" Retract cylinder for Plato
- 98751** - 16" Counter balance cylinder for Plato



98706 - Chain for ARM I or II, 88"

98707 - Chain for Plato, 63"



98754 - 12 volt DC Mac valve for ARM II or Plato takeoffs



98795 - Bushing for Plato arm



REPLACEMENT PARTS FOR WESTFALIA® TAKEOFFS



- 10310** - Box with side holes, *only*
- 91871** - Box with switch, button and red lens assembly, *only*
- 91851** - Box **COMPLETE**, *with replacement board*
- 91808** - Mounting clamp for side switch box, *2 required*

STAINLESS BOXES FOR ACR-1 AND ACR-SS

- 10480** - Box with front holes, *only*
- 91870** - Box with switch, button and red lens assembly, *only*
- 91850** - Box **COMPLETE**, *with replacement board*
- 91806** - Mounting clamp for front switch box, *1 required*



91833 - Touch Switch
for W/F



91835 - Toggle switch
for ACR



91838 - Water
tight toggle
switch cover



91836 -
Toggle
switch cover



91830 -
Push button



91831 - Push button cover



91840 - Red
lens assembly
for ACR

91841 - Red
lens, *only*



91922 - Wire connector
for reversing
valve & sensor

REPLACEMENT SOLENOIDS FOR ACR-1 AND KLEEN FLO



91785
- Solenoid valve
with stainless box

91795
- Stainless box
with lid, *only*



91800
- Solenoid valve *less box*



99777
- Solenoid, *only*

REPLACEMENT PARTS FOR WESTFALIA® TAKEOFFS



85350 - Circuit board
for ACR1® takeoff, with board heater

85353 - Board heater, only

85352 - Holder and LED,
for ACR (LED STYLE)



MISCELLANEOUS REPLACEMENT PARTS

- 98790** - 3/16" Nylon rope (sold per foot - roll size is 1000 ft.)
- 91887** - 90° conduit elbow for ACR ss takeoff box
- 91816** - Stainless L bracket for old style sensor mounting
- 91245** - End cap for Stimopuls® MA cylinder.
- 91235** - Seal for Stimopuls MA cylinder
- 91237** - Sealing ring for Stimopuls MA
- 91909** - Bottom mounting plate for Metatron® Apex box
- 91910** - Swivel bracket for Metatron® Apex box
- 91991** - Tube sealing cap for Metatron® or ACR
- 91231** - Front cover assembly for Stimopuls
- 91230** - Front cover, only
- 91662** - PVC cylinder for Stimopulse MA

91245



91235



91237



91991



91231



• This
3" OD x 26" L
PVC cylinder is
a direct
replacement for
the Stimopuls
MA® takeoff

• Can also be
used with any
brand of
vacuum
operated
parlor takeoff

• Has a longer
rope pull out
then
stainless
cylinders do

91662



91196

- Fuse
for ACR board, 1.6 AMP,
5mm x 20mm



91819

- Bulb
for Metatron® 12,
ACR 2 & 3® or Stimopuls® MA



91199

- Bulb
for ACR 1 board



REPLACEMENT PARTS FOR WESTFALIA® TAKEOFFS



99747 -
Leather sleeve
for cylinder



91820 -
Bottom
for cylinder



91862 - Top cap for cylinder
91861 - O-ring for ACR top cap

91860
- Complete
stainless
cylinder, 37"
long



91865 - Piston
for cylinder



91863 -
Top disc
for piston



91845 - Nut
for Visoflow sensor & Metatron meter

91867 - Piston spring



91805
- Stainless L
shaped cylinder
bracket

STAINLESS CURB MOUNT BRACKETS

99172 - 5/8"
99173 - 3/4"
99174 - 7/8"



91807 - Mounting bracket
for Metatron box



99180 - Breakaway clamp kit
99185 - Silicone line gasket
99177 - Spring clamp
99175 - Clamp half, only



REPLACEMENT PARTS FOR WESTFALIA® TAKEOFFS



91980 - Service kit for Metatron® meter

Includes:

- 1 - **99252** - lid gasket
- 1 - **99185** - silicone line gasket
- 3 - **91991** - sealing caps
- 2 - **99751** - diaphragms
- 1 - **91970** - plunger assembly with diaphragm



91945
- Plunger
assembly for
Visoflow
sensor

91946
- Plunger only
for Visoflow
sensor



99751 -
Sensor or
meter
diaphragm



91970
- Plunger assembly
for Metatron® meter

91971
- Plunger only for
Metatron® meter



91810 - 3" stainless milk line clamp
for Visoflow® or Metatron®, Includes gasket

91811 - Gasket,
for 3" stainless milk line clamp



91239 - Replacement hanger
for Stimopuls MA
for 2" line

REPLACEMENT PARTS FOR SURGE® TAKEOFFS

VSO PARTS



99736
- Radel
VSO top,
with brass
inserts



99733
- Plunger
for VSO float

99730
- Cap & stem
for VSO float



99738
- Radel base
for VSO

- 99732** - Large o-ring, for mounting bracket
- 99737** - Small o-rings, for top (Pkg. of 10)
- 99739** - White teflon washer
- 64589** - Gasket, goes between top and base
- 64610** - Insert nuts
- 05251** - VSO sensor float (7750-0021-568 WF/S)
- 64612** - Screws (Pkg. of 12)

- 99731** - Rubber rebuild kit..... ➡
- Includes:*
- 99737** - Small O-ring
 - 99732** - Large O-ring
 - 64589** - Gasket
 - 99739** - Teflon washer



MISCELLANEOUS REPLACEMENT PARTS

- 92243** - Bushing only, for plastic VSO® cylinder bottom
- 98789** - ¼" Nylon rope - sold per foot - roll size is 1000 ft.
- 92183** - Push button cover, for meter reset switch
- 92107** - Stainless hose clamp, for One Touch milk valve
- 92209** - Mac valve solenoid, for Optic® 850 takeoff - 12 VDC
- 92232** - Chain stop



92232



92209



92241
- Cylinder
bottom
for Omni®
vacuum
and
stainless
VSO®



92242
- Cylinder
bottom
with
bushings
for plastic
VSO®



92282
- Piston
seal
for Omni®
and
stainless
VSO®
cylinder



92264 - Stainless
L shaped bracket
for plastic VSO®
cylinder



91805 - Stainless
L shaped bracket
for Omni® and
stainless VSO®
cylinders

92244
- Piston
seal
for PVC
VSO
cylinder



REPLACEMENT PARTS FOR SURGE® TAKEOFFS

PARTS FOR OMNI ELITE



92205 - Air cylinder - 15"



92210
- Mac valve solenoid
24 VDC

92227

- Air electric switch



92222 - Manual/Auto switch



92220 - Detach valve button



92221 - Milk valve button

MISCELLANEOUS OMNI® REPLACEMENT PARTS

92000 - Bushing kit, *for Surge Omni Elite arm*

92010 - Bushing and ring, *for Surge Omni Elite arm*

92230 - Chain pad, *for Omni Elite®*

92260 - Stainless chain, *for Omni Elite®, 60"*

92252 - Bulb, *for Omni Power supply*

92287 - 10 - 32" nylon screw, *for Omni® solenoid cover*

92294 - Small cord grip, *for Omni® box*



92208 - Mac valve solenoid
for Omni® air & Advantage TS - 24 VDC



43105 - Rebuild kit
for Omni® vacuum solenoid



92325 - Keypad cover
for Omni®



92275
- Rebuild
kit
*for Optic
sensor*



92245
- Stainless sensor
holder
for Optic sensor



92311 - Seal
for 2" or 2½" One Touch

92312 - Seal
for 3" One Touch

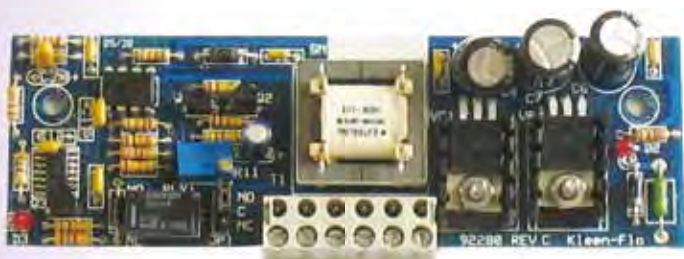
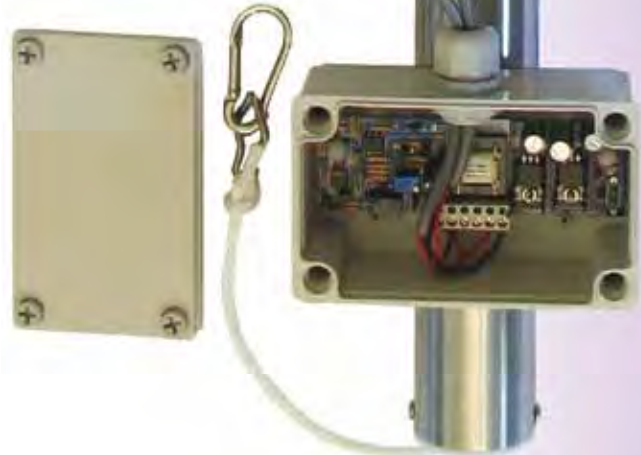


92310 - 7 pc rubber kit
*for One Touch pulsator,
less pistons*

SENSOR INTERFACE BOARD FOR OMNI® TAKEOFF

- ⇒ Adapts Visoflow Style Sensor to Older Omni® Boards
- ⇒ Sensing Range (30-ohms to 5030-ohms)
- ⇒ Keep Your Existing Omni® Takeoffs and Upgrade them to a New Sensor at an Affordable Cost
(as seen in the picture)
- ⇒ This Board Adapts to most Ring Style Sensors

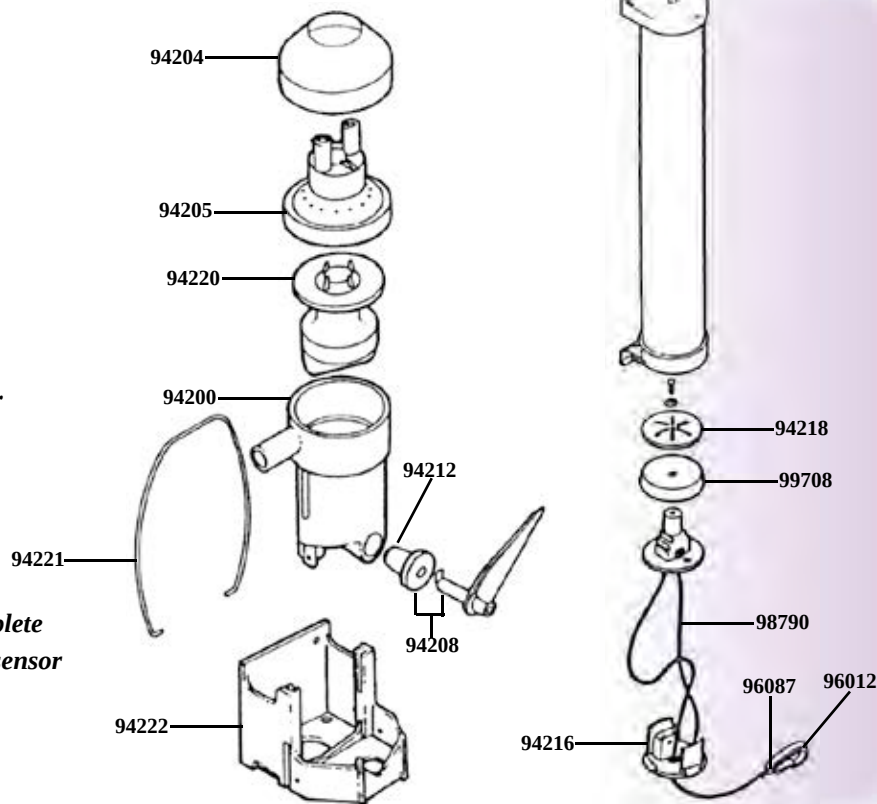
92279 - Complete sensor Interface assembly with board, box & bracket



92280 - Sensor Interface board, *only for Omni® takeoff*

WAIKATO® TAKEOFF PARTS

- 94200** - Sensor body
- 94204** - Cover, *for valve head*
- 94205** - Valve head
- 94220** - Float
- 94222** - Sensor Bracket
- 94221** - Bridle clip, *for Waikato sensor*
- 94207** - Timer lever, *with bung*
- 94208** - Float lever, *with bung*
- 94212** - Bung
- 94218** - Piston washer
- 94216** - Bayonett, *with pulley for cylinder*
- 99708** - Cylinder seal
- 94225** - Reset timer
- 94235** - Milk line filter
- 94237** - Screen, *for milk line filter*
- 94240** - Complete sensor assembly
- 94241** - Waikato takeoff cylinder, *complete*
- 94250** - Complete parlor takeoff, *with sensor*
- 96012** - Stainless steel snap, *small*
- 96087** - Stainless breakaway clip



REPLACEMENT PARTS FOR UNIVERSAL®



HEAVY-DUTY STAINLESS STEEL DESIGNED FOR YEARS OF USE

⇒ **BUILT IN HEATER TO REDUCE CONDENSATION**

⇒ **OPTIONAL ACCUMULATIVE VS STANDARD STRIP TIME VIA AN "ON BOARD SHUNT"**

ACCUMULATIVE: In 10 second strip mode, accumulates total of 10 seconds of no milk flow before detaching.

STANDARD: In 10 second strip mode, requires 10 consecutive seconds of no milk flow before detaching.

⇒ **POWER REQUIREMENTS: 24VAC, 25 WATTS**

We recommend our 61554 transformer, it is ideal for areas with "AC Brownout" when voltage may be higher or lower than normal.

Kleen-Flo #91710 Dip Switch Style Takeoff Board Sensitivity Settings						
Dip Switch #1		Dip Switch #2				** Suggested Starting Range for Different OEM Type Sensors
SW1-1	SW1-2	SW2-1	SW2-2	Sensitivity Range		
ON	ON	OFF	ON	30 TO 500 OHMS		
ON	ON	ON	ON	50 TO 550 OHMS		
ON	OFF	ON	OFF	150 TO 650 OHMS		Westfalia VisiFlo
ON	OFF	OFF	ON	350 TO 850 OHMS		
ON	OFF	ON	ON	400 TO 900 OHMS		
OFF	ON	ON	OFF	1250 TO 1750 OHMS		Delaval HFC
OFF	ON	OFF	ON	1450 TO 1950 OHMS		Interpuls Swirl Type
OFF	ON	ON	ON	1500 TO 2000 OHMS		

** The starting points mentioned above are only suggested. Other ranges may be used at the customer's discretion. If you experience difficulties, please contact Joe @ 800-768-6166 for assistance.

COMPLETE TAKEOFF UNITS

91725 - Complete takeoff unit, with *DL* style stainless cylinder and Interpuls® swirl sensor

91720 - Complete takeoff unit, with *DL* style stainless cylinder and Kleen Flo sensor assembly

91737 - Complete takeoff unit, with *WF* style stainless cylinder and Interpuls® swirl sensor

91730 - Complete takeoff unit, with *WF* style stainless cylinder and Kleen Flo sensor assembly



CUSTOM PACKAGES AVAILABLE - PLEASE CALL FOR MORE INFORMATION

REPLACEMENT INTERPULS SENSOR PARTS®



91750

This Swirl Design Sensor/Shutoff is patented by Interpuls®. The milk enters sensor and is swirled around shutoff plunger to the outlet side resulting in faster passage and less milk restriction. Sensor accepts either 5/8" or 3/4" hose.

91750 - Complete, Interpuls® sensor assembly

91763 - Sensor mounting bracket

91755 - Top cap

91756 - Nut

91757 - Sensor/shutoff diaphragm

REPLACEMENT KLEEN FLO® SENSOR PARTS®

99881 - Kleen Flo Vacuum Sensor Assembly, 3/4"

99877 - 3" Line mount Kleen-Flo Vacuum Sensor Assembly, 3/4"

99880 - Plastic sensor body, *only*

99889 - Blue nut

99888 - Stainless nut

99883 - Vacuum top, *only*

99148 - Vacuum top assembly, *complete*

99885 - Plunger assembly

99875 - One piece plunger

99817 - Sensor mounting bracket assembly

NEW



99881



99877

SEE PAGE 130
FOR MORE OPTIONS



99885



99875



91785
- 420
solenoid
valve



91805
- Stainless
cylinder
brackets



91710 - Dip switch style takeoff board

CUSTOM PACKAGES AVAILABLE - PLEASE CALL FOR MORE INFORMATION

REPLACEMENT KLEEN-FLO SENSOR ASSEMBLIES FOR TAKEOFFS

99881 - Curb mount
Vacuum Sensor
Assembly, 3/4"



NEW
99876 - 3" Line mount
Air Sensor
Assembly, 3/4"



OTHER AVAILABLE KLEEN-FLO OPTIONS

- 99882** - Curb mount Air Sensor Assembly, 3/4"
- 99884** - Curb mount Vacuum Sensor, *less bracket*
- 99894** - Curb mount Air Sensor, *less bracket*
- 99880** - Curb mount Sensor body, *only*
- 99877** - 3" Line mount Vacuum Sensor Assembly, 3/4"
- 99873** - Line mount Air Sensor, *less bracket*
- 99874** - Line mount Vacuum Sensor, *less bracket*
- 99878** - Line mount Sensor Body, *only*

NEW

DECADE BOXES



99711

- Single dial decade box - 0 to 1,000 OHMS



99722

- Dual dial decade box - 0 to 11,000 OHMS

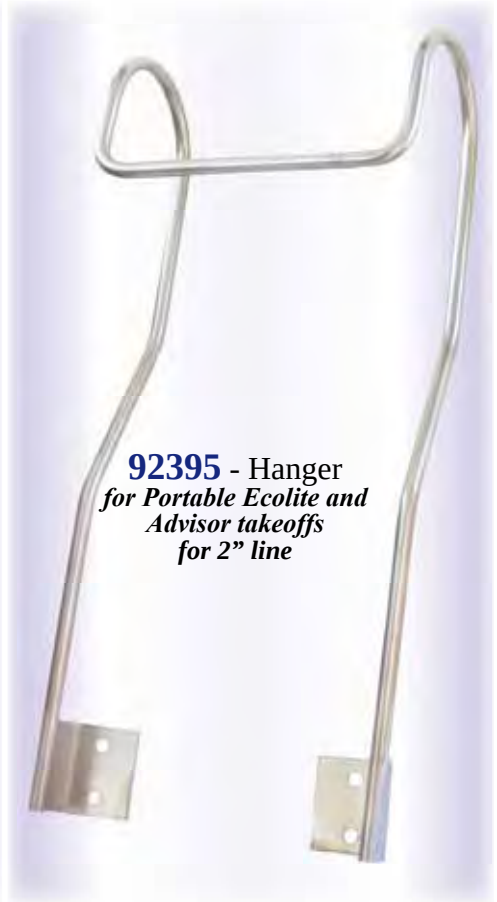
REPLACEMENT TAKEOFF HANGERS



91239
- Hanger
for *Stimopuls MA*
for 2" line



98628
- Easyline hanger
for *milkmaster takeoff*



92395 - Hanger
for *Portable Ecolite and
Advisor takeoffs*
for 2" line



99435
- Hanger
for *Companion*
takeoff
for 2" line



98629
- Hanger
for *MilkMaster*
takeoff
for 2" line



98630
- Hanger
for *MilkMaster*
takeoff
for 3" line

MISCELLANEOUS REPLACEMENT TAKEOFF PARTS

96088

- Heavy duty stainless snap, 9/32"



96012

- Standard stainless snap, 1/4"



98782

- Large stainless repair link



96014

- Small stainless repair link



96087 - Breakaway stainless clip



QUANTITY DISCOUNTS AVAILABLE



96030 - Stainless chain. *This is a top quality, heavy duty, stainless steel chain as each link is welded all the way around. This chain is sold per foot but available at any length.*

ACME® TRANSFORMERS

These 500 Watt - .500 KVA transformers come with a breaker switch installed but are available without if requested.

99718

- 12 volt - 30 AMP Breaker AC or DC

99716

- 24 volt - 20 AMP breaker AC or DC

On/Off toggle switch



KLEEN FLO TRANSFORMERS

These 500 watt - .500 KVA transformers are ideal for AC "Brownout" areas where voltage may be lower or higher than normal. Multiple primary taps accept 95VAC, 105VAC, 115VAC or 125VAC. Can also be used in cases where there is a greater than normal secondary wire length between transformer and application.



61554 - 24-28 VAC Output
(One of these supplies enough power for up to 20 Kleen Flo takeoff units)

61594 - 24-28 VDC Output
(This transformer is suited for the #92280 Sensor Interface board)

TERMINALS FOR CIRCUIT BOARDS

92422 - 2 pin terminal

92424 - 4 pin terminal

92425 - 5 pin terminal



92426 - 6 pin terminal

92428 - 8 pin terminal

92430 - 10 pin terminal



VACUUM OPERATED RADEL MILK LINE SHUTOFF

78490 - Normally Closed ~ Vacuum operated milk line shutoff

Can be used with 5/8" or 3/4" milk hose

To convert to normally closed on the Boumatic® 3000 series takeoffs, take the plug out of the solenoid and replace it with 78491 solenoid adaptor nipple and order whatever length of 78492 hose that you will need.

78491 - Solenoid adaptor nipple

20161 - 3/16" x 12" Hose

78493 - Cover

99751 - Shutoff diaphragm



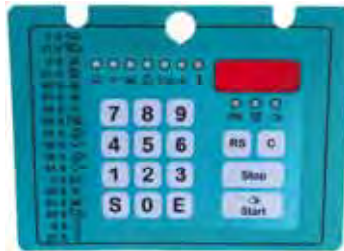
REPLACEMENT TAKEOFF LABELS



91824
- For Stimopuls® MA



91828
- For ACR® #3



91826
- For Metatron® #12
plastic style cover



91821
- For ACR SS, blue



91822
- For ACR SS, green



99625
- For 2101D



99643
- For 3000M
and 2101M



99646
- For 3000D



99811
- For 2000V



99812
- For 2100D



99640
- For 2000VM



99627
- For 4600D



99760
- For MilkMaster



98615
- For Delpro



92375
- For Advisor



91745
- For Kleen-Flo®

REBUILT GERMANIA® TAKEOFFS

MODEL B

153050 - Rebuilt model B Counterbalance takeoff, with stainless square tube & new style pinch off

153345 - 4-Fold Arm option in place of 3-Fold Arm



MODEL SB

153000 - Rebuilt Model SB All stainless steel takeoff unit



ARM TAKEOFFS ARE AVAILABLE WITH ELECTRONIC METERING

MODEL C

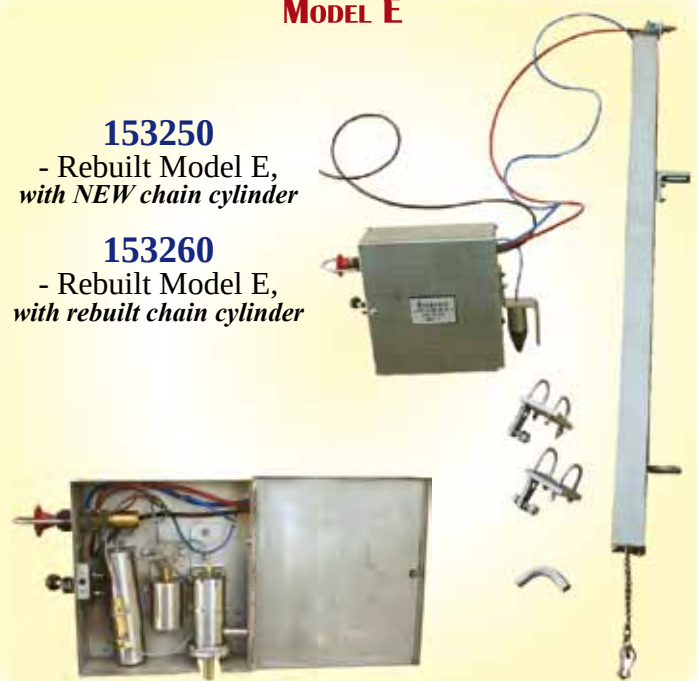
153100 - Rebuilt Model C stainless steel takeoff



MODEL E

153250 - Rebuilt Model E, with NEW chain cylinder

153260 - Rebuilt Model E, with rebuilt chain cylinder



Accuweigh II Jar

159000 - Rebuilt Accuweigh II new style 65 lb weigh jar, with shutoff

WEIGH JAR INCLUDES 1 MANUAL AND 1 AIR SHUTOFF AS SHOWN BELOW



COMES WITH 1/8" HOSE BARB

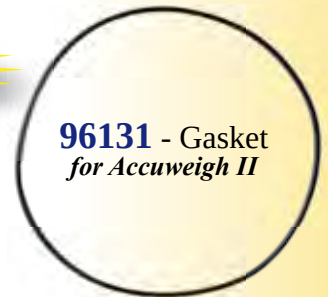
AIR SHUTOFF



MANUAL SHUTOFF



96131 - Gasket for Accuweigh II



REPLACEMENT PARTS FOR GERMANIA® TAKEOFFS

AIR VALVES



96031
- PT 110



96003
- D Restrictor
for GM



96036
- IFC 15 flow control
~ Replaces X180



96023
- Whisker valve

96133 - 3 NC Versa Valve,
with **GREEN** knob
96133-1 - 3 NC Versa Valve,
with **RED** knob



FITTINGS, TUBING & SWITCHES

SOME FITTINGS MAY DIFFER FROM PICTURES SHOWN. ANY REPLACEMENTS WILL BE OF EQUAL OR BETTER QUALITY.



96034 - 1/8" NPT to 10/32"
Brass bushing (pack of 10)

96035 - 1/4" NPT to 10/32"
Brass bushing (pack of 10)



96054 - 1/16" Hose barb
(pack of 10)

96055 - 1/8" Hose barb
(pack of 10)



96049
- 1/4" Adjustable muffler

96051 - 1/16" Cross (shown)
96052 - 1/8" Cross



96129 - 1/8" Hose mender
(pack of 10)



96130 - 1/16" Hose mender
(pack of 10)

96137
- 10/32"
Plugs
(pack of 10)



96057 - 1/8" x 1/8" x 1/16" Tee



96058 - 1/8" Tee

96056 - 1/16" Tee (pack of 10) **96059** - Adjustable tee 10/32"



96005 - 1/8" Black tubing
96006 - 1/8" Blue tubing
96007 - 1/16" Gray tubing
96008 - 1/16" Blue tubing
96009 - 1/16" Red tubing
96011 - 1/8" Red tubing



96125

- 1/8" tube
to 1/8" NPT
swivel elbow
(pack of 5)



96171

- 1/4" NPT x
1/4" NPT hex
pipe nipple
(pack of 10)



96060

- 1/4" NPT x
1/8" NPT hex
reducer nipple
(pack of 10)



96123

- 10/32"
Adjustable
elbow



96127

- 1/8" NPT
to 1/16" barb
elbow
(pack of 10)



96128

- 1/8" NPT
to 1/16" barb
(pack of 10)



96126

- Female
thread tee
(pack of 10)



REPLACEMENT PARTS FOR GERMANIA® TAKEOFFS

MISC. PT VALVES



96037
- Actuator
valve (PT 100)



96038 - 2 Way
valve (PT 210)



96142
- 3 Way valve
(PT 310)



96039
- 4 Way valve
(PT 410)

96040
- 4 Way valve double
activated (PT420)



PT 421 VALVE



96020 - PT 421 valve, *with shroud*

96020-1 - PT-421 valve, *only*

1 YEAR
WARRANTY



96112
- EV 125 quick
exhaust valve

EV 125

96225 - Diaphragm
96227 - Square o-ring
96229 - Screw

96033
- Rebuild kit
for EV 125 quick
exhaust



96042
- Valve cam



96044
- Valve cam pin



96041
- Valve
plunger



96045
- M/A valve
handle



96043
- Black knob
for M/A valve
(Pack of 10)



96022- Manual-
Automatic lever

MA VALVES

REPLACEMENT SHUTOFFS FOR GERMANIA®



96111
- Shutoff,
without bracket
for 9/16" or 5/8" hose



96147
- Shutoff,
without bracket
for 3/4" Hose



96029
- Shutoff,
with bracket
for Model B & C

REPLACEMENT PARTS FOR GERMANIA® B/SB TAKEOFFS

96097

- Auto clutch plate assembly



96233

- RH bracket for SB



96232

- LH bracket for SB

96237

- RH backframe for SB



96236

- LH backframe for SB



96061

- Neoprene spring

96010

- Square nylon bushing



96136 - Pin for Sq.

Tube in Counterbalance



96080

- Model B pulley



96053

- Chain guide block



96122

- White block for CB cylinder



96079

- Big cylinder repair kit



96090

- Big cylinder



96024 - Roller pinch off cylinder



96083

- Counter balance regulator



96026 -

Claw chain

96082

- J hook for arm



96094 - 3-Fold bushing kits



96095 - 4-Fold bushing kits



96151

- Kit to rebuild counterbalance cylinder

MISC. PARTS

96032 - Repair kit for CB regulator

96096 - Stainless sensorbracket

96114 - SS Pulley assembly for Model B big cylinder

96116 - SS M/A and start valve bracket

96117 - Lower bearing retainer LH

96118 - Lower bearing retainer RH

96119 - Upper bearing retainer

96168 - $\frac{3}{16}$ x 1" Spring pin

96169 - $\frac{1}{4}$ x 1" Spring pin

96170 - $\frac{3}{32}$ x $\frac{5}{16}$ " Spring pin

96152 - $\frac{1}{2}$ " heavy duty external retaining ring

96160 - $\frac{1}{2}$ " external retaining ring

96013 - Brake disc

96021 - Counterweight cable

96091 - Square tube

96139 - Chain for Model B/SB

96161 - $\frac{3}{8}$ " arm pin

96164 - $\frac{3}{4}$ " arm pin

96167 - $\frac{1}{8}$ " arm pin

MISC. ITEMS FOR GERMANIA® TAKEOFFS

96088

- Heavy duty stainless snap, 9/32"



96012

- Standard stainless snap, 1/4"



98782

- Large stainless repair link



96087

- Breakaway stainless clip



96027

- 2 Min. start-up timers



96015

- Black cover knobs

96092

- Stainless mounting brackets



96030 - SS chain (*per foot*)



96018

- Round chain guide

96019

- Black shroud adaptor for PT421 valve



96340 - Plunger for retract cylinder



96341 - Black top for retract cylinder



96000 - Red knob for GM

96001 - Green knob for GM

96110 - Clipped valve adaptor (*replaces GM #50325*)

96115 - Switch for auto Accweigh dump

96149 - Switch for GM pulsator shutoff assembly

96017

- Thick sensor top



96016

- Thin sensor top



96205 - Replacement sensor body, *straight cut*



96113

- White sensor ring



REPLACEMENT PARTS FOR GERMANIA® TAKEOFFS

U-CUPS AND O-RINGS FOR GERMANIA®

COME IN A PACKS OF 10



96062
- U-cup #1
Replaces GM
30731 or 30744



96063
- O-ring #1
Replaces GM 30810



96068
- U-cup #3
Replaces GM 30736



96069
- U-cup #6
Replaces GM 34112



96070
- O-ring #2
Replaces GM 30742

FOR MODEL E



96089 - Chain cylinder assembly



96138 - Chains, 53" long

NOT SHOWN

96189 - Cylinder

96190 - Pulley assembly

96191 - Top cap for square tube

96192 - Bottom cap for square tube

96193 - Stainless steel square tube assembly

FOR MODEL C



96265
- Stainless Steel
Backframe
for Model C



96121
- Model C
pulley



96120
- Chain guide
for Model C

NOT SHOWN

96084 - Stainless M/A and start valve bracket

96140 - Chain, (RH)

96141 - Chain, (LH)

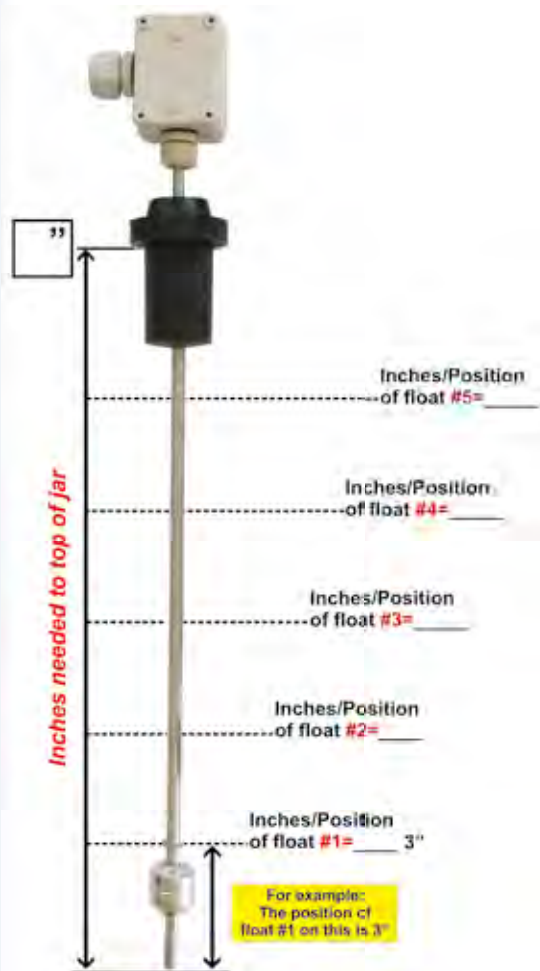
96255 - Stainless cover

MORE NEW AND REBUILT PARTS ARE AVAILABLE FOR GERMANIA® TAKEOFFS.
PLEASE CALL FOR MORE INFORMATION.

KLEEN-FLO® VARIABLE SPEED PROBE ASSEMBLY

Custom Probe Order Form

Standard Probe Assembly is 3 Floats ~ Maximum is 5 Activation Points



STANDARD CONFIGURATION



- ~ 1st Switch - Red
- ~ 2nd Switch - Yellow
- ~ 3rd Switch - Blue
- ~ 4th Switch - Green
- ~ Top Switch - 2 Brown (Isolated)
- ~ Common - Black

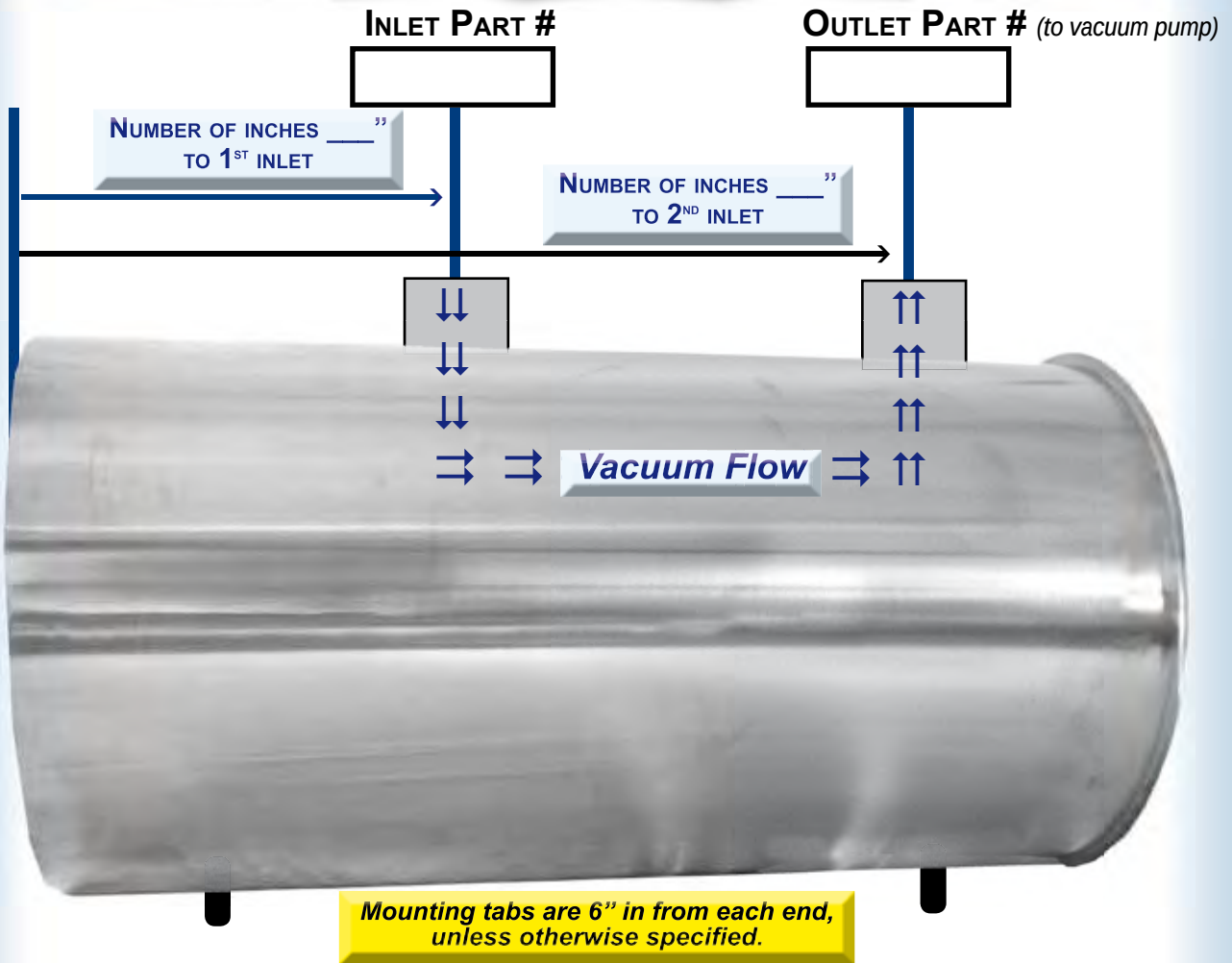
- Need measurement of exact location of each additional float for proper placement.
- Measure from bottom up for your float(s) position(s) in inches.

Date:	PO#:
Name:	
Phone:	Fax:
Float Assembly with Probe Holder: 20022; 20022-1; 20023 or 20023-1 (Please Circle One)	
Notes:	

- 20022** - Complete probe assembly, with collar and 1½" probe holder
- 20022-1** - Complete probe assembly, with clip and 1½" probe holder
- 20023** - Complete probe assembly, with collar and 2" probe holder
- 20023-1** - Complete probe assembly, with clip and 2" probe holder
- 20004** - Additional floats, Includes: collar and float
- 20015** - Junction box, with large cord grip
- 20016** - Clip
- 20018** - Stainless steel collar, 5/16" ID - 5/8" OD - 5/16" width
- 20030** - Stainless float

12 x 24 CUSTOM MOISTURE TRAP ORDER FORM

ALWAYS MEASURE FROM BACK OF THE MOISTURE TRAP FOR THE VACUUM INLET AND OUTLET



DATE:	PO #:
BUSINESS &/OR CONTACT NAME:	
PHONE #:	FAX #:
Signature: _____	

- 20250 - Blank horizontal moisture trap, with lid, gasket and plastic ball
- 20275 - 3" NPT threaded outlet, welded on moisture trap
- 20276 - 4" NPT threaded outlet, welded on moisture trap
- 20278 - 4" Tri clamp inlet, welded on moisture trap
- 20278-1 - 4" Tri clamp outlet, welded on moisture trap
- 20279 - 3" Tri clamp inlet, welded on moisture trap
- 20279-1 - 3" Tri clamp outlet, welded on moisture trap

**OUTLET HAS
A BALL SEAT AND CAGE

SHORTER TRAP SIZES
AVAILABLE
UPON REQUEST**



~ A ~

A.O. Smith, Milk Pump Motors	47
ACME Transformers	25, 132
Accuweigh II Jar and parts	134
Adaptors, Bucket Lid	20
Adaptors, NPT to Tri Clamp	72
Aeon-PD Oil	104
Antistatic Shielding Bags	81
Air Blow Valve	58
Air Injector, and parts for Kleen-Flo	67
Air Injector Remotes	67
Air Injector, Whisper Jet	67
Air Tees	11
Air Tubes	16
Air valves, GM	135-136
Alto Washer Parts	65
Arms, Hose Support	82
Auto Stallcocks	18

~ B ~

B-Style Milk Pump	41
Backflush valve	63
Balance Tanks	104
Barrel Claws	3,8
Bases, Motor	105
Bearings, Vacuum Pump	100,108,110-111
Beco Claw, parts for	10
Belts	111
Ben Anderson Milk Pumps	41
Bender Diverter	61
Bender, parts for Releaser & Trap	51
Bender Pipeline Washer	61
Bio Claw, parts for	10
Blank Inlet Covers	74
Blank Receiver Form	30
Blanket, Calf	81
Blue Milk Valves	75
Blue Pipeline Brackets	78
Blue Water Valves	63
BouMatic Takeoff, parts for	112-117
BouMatic Milk Pump, parts for	41
BouMatic Pulsator, parts for	26
Breakaway Clips	132
Bucket Handles	84
Bucket Lids	86-87
Bucket Units, Cow	85
Bucket Units, Goat & Sheep	89-90
Buckets, Plastic	84
Buckets, Stainless	84
Bulbs, Takeoff	112,120-121
Bulbs, Surge pulsation	28
Bulk Tank Valves	63
Bull & Bully Scoops	79
Butterfly Valves	62-63
Butterfly Valve, Pneumatic	62

~ C ~

Calf Blankets	81
California Claw	3
Cans, Milk	85
Canes, Milk Inlet	74-75
Carrying Hanger	78
CFM Tester	107
Chain, Stainless	132
Chambers, HP bucket lid	20
Check Valve, Brass	103
Check Valve, Releaser	51
Check Valves, Milk Pump	50
Check Valve, Swing	103
Chemical Pumps	64,66
Chore Boy Parts	76
CIP, Fold Down	57
CIP, H-Manifold for DL and parts	58
CIP, parts for	56-58
CIP Rack, Drawer Style	56
CIP Racks, Heavy & Light duty	56
CIP Tee	56
CIP, Under Curb	57
Circuit Board, for ACR-SS	121
Circuit Board, for Surge Pulsation	28
Circuit Board, for BouMatic Pulsation	26
Clamps, Pipeline	71
Clamps, Pinch Style	17
Clamps, Squeeze Style	17
Claw Parts, for Beco	10
Claw Parts, for BIO	10
Claw Parts, for BouMatic	8-9
Claw Parts, for California	3
Claw Parts, for Delaval	4-5
Claw Parts, for Flo-Star	9
Claw Parts, for Germania	3
Claw Parts, for Harmony	5
Claw Parts, for IBA	8
Claw Parts, for Look-In	76
Claw Parts, for NuPulse	12-13,89
Claw Parts, for Quadra-Flo	76
Claw Parts, for Surge	7
Claw Parts, for Universal	10
Claw Parts, for Westfalia	6-7
Claw Wash Tubs	65
Claws, Goat & Sheep	89-91
Cleaner, TKX	101
Clip, Breakaway	132
Closures, Nipple	74
Cluster Washer	65
Conde Vacuum Pumps	92-93
Contactors	46
Coolers, Plate & Tube	54-55
Couplings, for Glass	72
Covers, for Pulsators	24-28
Crowd gate cylinder for BM	113
Cylinder, Air, for Takeoffs	112-113,125
Cylinder Chain, for Model E	139
Cylinder Mounting Brackets	118,124,126
Cylinder Rope, for DL Takeoff	119
Cylinder Rope, for WF Takeoff	121

~ D ~

D-Style Milk Pump	40
D#95 Pulsators and parts	21
Decade Boxes	130
Delaval Milk Pump, parts for	40
Delaval Takeoff, parts for	118-119
Delaval Vacuum Pumps, Rebuilt	109
Dellatron Contoller	25
Dellatron Pulsator Kits	24
Dellatron Pulsators and parts	24-25
Delrin Valve	17
Depend-o-Drains	61
Diaphragm, for BM sensor	114
Diaphragm, for DL sensor	118
Diaphragm, for WF sensor	123
Digital Vacuum Gauge	107
Dippers, Teat	68-69
Diverter, Bender	61
Diverter, Milk Wash	58
Diverter, NuPulse	67
Drain, Duckbill	56
Drain Elbows	50
Drain, parts for Milk Pump	50
Drains, Vacuum Line	105
Drains, Wash Vat	59-60
Drawer, CIP	56
Drip Drain	105
Drippers/Oilers	102
Drive Kits, for Sutorbilt	100
Duckbill Drain	56
Dump Chamber Parts, CB	76
Dumping Station Parts	51
DV-300, parts for	20

~ E ~

E 5 Vacuum Pumps	108
E 7.5 Vacuum Pumps	108
Eclipse Claw, parts for	7
Eco Plate Coolers	55
Elbows, Drain	50
Elbows, Stainless	70,72
Electric Pulsation for goats	91
Electrobrain Washer, parts for	63
End Cap with Nipple	71
End Caps	71
Exhaust Flappers	103
EZ By Pass Units	98
E-Zee Clean Unit	101

~ F ~

Ferrules, Stainless	71
Filter Assemblies and parts	52-53
Filter Assemblies for Transfer Stations	52
Filter Dispensers	53
Filter Grommets	52
Filters, for Pulsators	21,24,25,27
Filters, Pre	104



Fittings, Galvanized	103
Fittings, Stainless.....	70-73
Flapper Valve Seat	50
Flapper Valves, Rubber	50
Flappers, Exhaust	103
Flo-Star, claws and parts	9
Flo-Vu Style claw	4
Fly Tape, Mr. Sticky	81
Fork, Amish Manure.....	79
Fresh Air Covers	24-28
Fresh Air Pulsation Filter.....	27
Fresh Cow Lid	86-87
Full-View style claw	10



Galvanized Fittings	103
Gaskets, Glass Line.....	73
Gaskets, Inlet	74-75
Gaskets, Lid	86-87
Gaskets, Pipeline	73
Gaskets, Surge Pipeline	73
Gaskets, Teflon.....	73
Gaskets, Tri clamp	73
Gate, Head Lock.....	80
Gate Valves, PVC	103
Gauges, Vacuum.....	107
General Purpose Poly Shovel.....	79
Germania Claws and parts	3
Germania Takeoff, parts for	134-139
Germania Takeoffs, Rebuilt	134
Glass Couplings.....	72
Glitex Clear Tubing.....	16
Goats, Milking Equipment for.....	88-91
Goosenecks, for Milk Inlets.....	74-75
Grease, for lobe vacuum pumps	104
Grommets, for Milk Filters.....	52
GTA Parts	76



H-Manifold for DL and parts.....	58
Hand Sink	58
Hangers, Pipeline	78
Hangers, Takeoff	131
Harmony claw, parts for.....	5
Head Lock Gate.....	80
Holdren Brothers, Pipeline Washer.....	64
Holdren Brothers, Tank Washer.....	64
Hooks, Hose	78
Horizontal Moisture Trap	35
Horizontal Wash Vats	59
Hose, Rubber and Glitex	16
Hose Clip.....	78
Hose Hooks	78
Hose Reinforcement Spring	16
Hose Routing Ports	78
Hose Support Arms.....	82
HP Pulsator, parts for	22



IBA Style Claw, parts for.....	8
Impulse III, VSD	48
Impeller, Mueller, for wash	66
Impellers, for milk pumps.....	40-41,43,47
Inflation Changers	14
Inflation plugs.....	15
Inflations	14-15
Inflations, Goat.....	89-91
Inflations, Sheep	89-91
Inlets, Milk.....	74-75
Inline Filter Assemblies	52
Interpuls, Adaptors for	20
Interpuls Pulsator, parts for.....	21,27
Interpuls Takeoff Sensor	129



J-Sleeves	103
Jet Flo Shell	11
Jetter Cups.....	56
Jetter, NuPulse.....	64
Jetter Racks & parts	56-57



Keypad, for SST	118
Kleen-Flo Claws	6-7
Kleen-Flo Inflation.....	14
Kleen-Flo Air Injectors.....	67
Kleen-Flo LLC	37-39
Kleen-Flo Milk Filters	52
Kleen-Flo Milk Pumps & parts	40-41
Kleen-Flo Pasteurizer	77
Kleen-Flo Probe Assemblies.....	36-38
Kleen-Flo Pulsation Boards,	23-26,89
Kleen-Flo Takeoff	128-129
Kleen-Flo Washer.....	65



Labels, for Takeoffs.....	133
LED Bulb, for BM.....	112
Lever Stallcocks.....	19
Lid Gaskets	86-87
Lids, Bucket.....	86-87
Limit Switch	61
Line Drain.....	105
Line Mounting Brackets.....	78
Links, Split.....	132
Liquid Level Control, and parts for	37-39
Little Champ Takeoff, parts for.....	127
LL90 Pulsators	27
Look-In Claw, parts for.....	76
Lowline Reciever Group Pkgs	31



MA Valves	136
Mac Valve for Delaval Air Injector.....	67
Mac Valve for Delaval Takeoff.....	119
Mac Valve for Surge Takeoff.....	125
Magnetic Coil	23
Magnetic, Delaval Pulsation parts for.....	23
Magnetek Milk Pump Motors.....	47
Manure Fork, Amish.....	79
Maple Operations, Vacuum System for ...	105
Mark II Regulator, and parts for.....	106
Masport Pumps, and parts for.....	108-110
Meters, Waikato	83
Micro Fiber Towels	80
Milk Buckets.....	84
Milk Canes	74-75
Milk Cans, Stainless.....	85
Milk Filter Assemblies, and parts for ...	52-53
Milk Inlet Canes	74-75
Milk Inlets.....	74-75
Milk Jug Filler.....	79
Milk Line Clamp, Metatron.....	125
Milk Pump Check Valves	50
Milk Pump Drains.....	50
Milk Pump Seal Kits	49
Milk Pumps, B Style	41
Milk Pumps, D Style	40
Milk Pumps, Kleen-Flo.....	40-41
Milk Pumps, Thomsen.....	42
Milk Pump Motors.....	44-47
Milk Tubes	16
Milk Valve, Pads.....	75
Milk Valve, Surge	75
Milk Valves, Blue.....	75
Milk Wash Vats	60
Mini Milker, NuPulse.....	93
Miscellaneous Items.....	78-81
Mitered Bends	73
Model B, GM Takeoff	134
Model B GM Takeoff, parts for	137
Model SB GM Takeoff	134
Model SB GM Takeoff, parts for	137
Model C GM Takeoff	134
Model E GM Takeoff	134
Moisture Trap, Horizontal	35
Moisture Trap, for Jar Releaser	51
Moisture Trap, White Rippled.....	34
Motor Bases	105
Motor Starters	97
Motors, Milk Pump.....	44-47
Motors, Tank Washer	45
Motors, Vacuum Pump.....	96
Mounting Stands, for Receivers.....	32-33
Mr. Sticky Fly Tape.....	81
Mueller, parts for wash.....	66
Mufflers.....	97



Nipple Closures	74
NPT to Tri Clamp Adaptors.....	72
NuPulse Claws.....	12-13,89
NuPulse Claw Washers.....	64
NuPulse Goat Milker and parts.....	89
NuPulse Impulse III VSD.....	48
NuPulse Mini Milker	93
NuPulse Reflex VSD.....	98
NuPulse Deluxe Reflex VSD	99
NuPulse Pipeline & Tank Washers.....	64
NuPulse Shells	11
NuPulse Takeoffs.....	128
Nuts, Hex.....	71



OHTA Pulsators	22
Oil, AEON-PD, for lobe pumps.....	104
Oilers & Drippers	102
Oil, for vane pumps.....	104
Oil Reclaimers	107
Oil, Ultrachem, for lobe pumps	104
Omni Takeoff, parts for.....	125
Orbit, parts for	7
Order Form.....	146
Order Form, for custom moisture trap.....	141
Order Form, for custom probe	140
Order Form, for Receivers.....	30
O-ring, Visi Shell	11



Pails	84
Pasteurizer, Kleen-Flo	77
Peristaltic Pumps.....	66
Pinch Valve, Squeeze.....	17
Pinch Valve, Vacuum Operated	50
Pipeline Brackets, Blue Coated.....	78
Pipeline Clamps.....	71
Pipeline Fittings.....	70-73
Pipeline Gaskets	73
Pipeline Hanger	78
Pipeline Washer	61,64
Pipeline, Stainless	70
Plastic Eco Bucket.....	84
Plastic Buckets.....	84
Plastic Ferrules.....	18
Plastic Trap Lids	87
Plate Coolers.....	54-55
Plugs, Inflation.....	15
Pneumatic Butterfly Valve.....	62
Portable Pumping Unit.....	64
Portable Vacuum Pumps	92-93
Ports, Routing.....	78
Power Supply for BM Takeoffs.....	112
PowrDippers & PowrSprayers	68-69
Pre-Filters, PVC	104
Probe Assembly	36-38,48

Probe, Variable Speed.....	36,48
PT Valves for GM.....	135-136
Pulsation Boards,	23-26,91
Pulsation Controllers	25-26,91
Pulsation Wire	23
Pulsator Adaptors	20
Pulsator, D#95 Vacuum.....	21
Pulsator, LL90 Vacuum	27
Pulsator, OHTA Vacuum	22
Pulsator Parts, BouMatic	26
Pulsator Parts, Delaval	22-25
Pulsator Parts, Surge	28-29
Pulsator Parts, Universal.....	27
Pulsator Parts, Westfalia	29
Pulse-Pro Pulsator Parts	76
Pumping Station Parts.....	51
Pump, Milk	40-43
Pump, Peristaltic	66
Pump, Vacuum	92-95,108-109
Pump, Vacuum, Misc. parts for	102-108
PVC Balance Tanks.....	104
PVC Pre-Filter.....	104



Quadra-Flo Parts	76
Quart Jar Moisture Trap.....	51
Quarter Milkers	17



Rack, CIP.....	56-57
Rebuild Kit, for D#95.....	21
Rebuild Kit, for LL90	27
Receiver, Group Packages	31
Receiver Lid.....	32
Receiver, Order Forms	30
Receiver Stands	32-33
Receivers, Fixed Bottom	32
Receivers, Swivel Bottom	33
Reclaimers, oil	107
Reducers.....	72
Reed Switches, BM Receiver Box	38
Reed Switches, for Delaval	118
Reflex VSD.....	98-99
Regulators.....	106
Relay, LLC.....	37
Releaser Parts.....	51
Remotes, Air Injector.....	67
Repair Link.....	132
Restrictor, CIP.....	50,56
Restrictor Discs	50
RJB Products.....	68-69
RMA Form.....	143
Roll-On Ferrules	71
Routing ports.....	78
Rubber Hose	16



Seal Kits, Milk Pump.....	49
Seals, Vacuum Pump.....	100,110-111
Sentinel Regulators, and parts for.....	106
Sheep, Claws.....	89-91
Sheep, Clusters	89-91
Shells, Cow.....	11
Shells, Goat & Sheep.....	89-91
Shovels.....	79
Shutoffs, for Air Takeoffs	117,136
Shutoff Valve, for Vacuum Takeoffs.....	117
Shutoff Valves	17
Silencers	97
Sinks, and parts for.....	58-59
Sleeve, Rubber 6J & 8J.....	103
Snap, Stainless	132
Solenoid, for BM Takeoffs.....	115
Solenoid, for Plate Cooler.....	54
Sprayers, Powr	68-69
Split Links.....	132
Spring, Hose Reinforcement	16
Sputnik, parts for	51
Squeeze Clamps.....	17
SST#2 Takeoff, parts for.....	118
Stainless Chain	132
Stainless Fittings.....	70-73
Stainless Receiver.....	30-33
Stainless Shutoff Valve.....	17
Stainless Snaps	132
Stainless Steel Motors	44-45
Stainless Trap Lids.....	86-87
Stainless Tubing.....	70
Stallcocks, and parts for	18-19
Stallcock Parts, for Chore Boy.....	76
Stands, Receiver	32-33
Stands, Vacuum Pump.....	95
Starters, Motors	97
Sterling Milk Pump Motors	44-45
Sticky Tape	81
Strainer, Stainless, and parts for	53
Strangko, Blue Milk Valves.....	75
Strangko Pulsator Kits	27
Subway Caps.....	78
Super Claw.....	4
Super Lite Style Claws.....	4
Surge, Liquid Level Boards for	39
Surge, Pulsation parts for.....	28-29
Surge, Rebuilt Vacuum Pumps	109
Surge, Vacuum Pump parts for	111
Sutorbilt Vacuum Pumps	94-95
Swing Check Valves, Brass.....	103
Swing Check Valves, PVC	103
Swivel Bottom Receivers & parts	33



Takeoff Chain, stainless	132
Takeoff Hangers	131
Takeoff Labels	133
Takeoff Parts, for BM	112-115



Takeoff Parts, for DL.....	118-119
Takeoff Parts, for GM.....	134-139
Takeoff Parts, for Kleen-Flo.....	128-129
Takeoff Parts, for Little Champ/Waikato	127
Takeoff Parts, Miscellaneous	130,132
Takeoff Parts, for Surge	124-125
Takeoff Parts, for UN.....	127
Takeoff Parts, for WF	120-123
Takeoffs, Rebuilt GM	134
Tanks, Balance.....	104
Tank Washer.....	64
Teat Dippers.....	68-69
Tee, CIP.....	56
Tees, Tri clamp.....	70
Tees, Weld-On.....	70
Teflon Gasket.....	73
Tension Hanger.....	78
Terminals, Circuit Board.....	132
Thomsen, Milk Pumps.....	42-43
Threaded NPT Adaptors	72
Tidal-Flo Style Claw	10
TKX Oil.....	101
Tool, Window Removal.....	10
Towels, Micro Fiber	80
Transfer Milk Pumps.....	40-43
Transfer Station Parts	51
Transformer, ACME.....	25,132
Transformer, Kleen-Flo.....	132
Transformers, for BM Pulsation.....	26
Trap Bends.....	34-35
Trap Lids.....	86-87
Traps, Moisture	34-35
Trap, parts for	34-35
Trap, Stainless Vertical.....	34
Tri Clamp Fittings.....	70-73
Tub, Wash for claws.....	65
Tube Coolers.....	55
Tubes, Air	16
Tubes, Milk	16
Tubing, Hangers	78
Tubing, Stainless.....	70
Tubing, Rubber	16
Tubing, Plastic.....	16
Tubing, Ultra Clean	16



U-Bends, 180°	73
U-Bends, Mitered	73
U-Bolts.....	56,82
U-Cups, for GM.....	139
U-Hangers.....	78
Ultrachem Oil.....	104
Universal Claw, parts for.....	10
Universal Takeoff, parts for	127
Universal Pulsator.....	27
Universal Pulsator, parts for	27



Vacupulse, parts for	29
Vacurex, filter for	106
Vacuum Controllers.....	106
Vacuum Drain Valve	105
Vacuum Gauges.....	107
Vacuum Pulsators	21-22,27
Vacuum Pump Motors.....	96
Vacuum Pump, rebuild kits.....	110-111
Vacuum Pumps, misc. parts for	102-105
Vacuum Pumps, BouMatic.....	109
Vacuum Pumps, Delaval.....	109
Vacuum Pumps, E 5 and E 7.5	108
Vacuum Pumps, Masport.....	109
Vacuum Pumps, Oil for.....	104
Vacuum Pumps, Portable	92-93
Vacuum Pumps, Surge.....	109
Vacuum Pumps, Sutorbilt	94-95
Vacuum Pumps, Westfalia.....	109
Vacuum System, for Maple Operations ...	105
Valve, Air Blow	58
Valves, Backflush.....	63
Valves, Butterfly and Bulk Tank.....	63
Valves, Gate	103
Valves, for Germania	135-136
Valves, Milk	74-75
Valves, Milk Pump	50
Valves, Plastic Shutoff.....	17
Valves, PT 421.....	136
Valves, Stainless Shutoffs	17
Valve, Water.....	63
Vanes, Vacuum Pump	110-111
Variable Speed Drive Packages	48,98-99
Vertical Wash Vats	59-60
Visi Shell O-rings	11
VSO Takeoff parts.....	124



Waikato Meters	83
Waikato takeoff	127
Wash Accessories, NuPulse	64
Wash, Mueller board and impeller.....	66
Wash Plugs.....	58
Wash Vats.....	59-60
Wash Vats, for milk.....	60
Wash Y's.....	72
Washer Parts, for Alto	65
Washer, Bucket.....	65
Washer, Bender Pipeline.....	61
Washer, NuPulse Pipeline.....	64
Washer, NuPulse Unit.....	64
Washers, parts for	61-65
Washer, Tank	64
Wash Tubs for Claws	65
Water Valves	63
Weigh Jar, Accuweigh II.....	134
Weld-On Fittings, Stainless	70-73
Westfalia Pulsator, parts for.....	29
Westfalia Lid, parts for.....	86
Westfalia, Rebuilt Vacuum Pumps	109
Westfalia Takeoff, parts for.....	120-123

Windows, for Claw.....	3, 7, 8, 10
Wire, for Pulsation	23
Wiring Harness, for Dellatron	25
Wiring Harness, for SST#2	119



Y, for Single Pulsation.....	4
Y, Wash.....	72



HOLSTEIN SUPPLY, INC.

ORDER FORM

PHONE: (620) 384-6262

FAX: (620) 384-6263

WEBSITE: www.holsteinsupplyinc.com

Date _____

Name _____

Address

City _____

State ZIP

Contact

Ship Via

(If same check here ☐)

Ship To

Phone Number

Fax Number _____

E-mail

[illegible]



HOLSTEIN SUPPLY, INC.

NOTES & MEMOS

[illegible]



HOLSTEIN SUPPLY, INC.

409 E HIGHWAY 50, SYRACUSE, KANSAS 67878

PHONE: (620) 384-6262 • FAX: (620) 384-6263

WEBSITE: www.holsteinsupplyinc.com

SEE PAGE
9

REPLACEMENT
FLO STAR®
CLAWS

SEE PAGE
129

KLEEN-FLO®
LINE MOUNT
SENSORS

NEW ITEMS

ImPULSE CL
VSD

STAINLESS
CIP
Rod

SEE PAGE
58

SEE PAGE
48