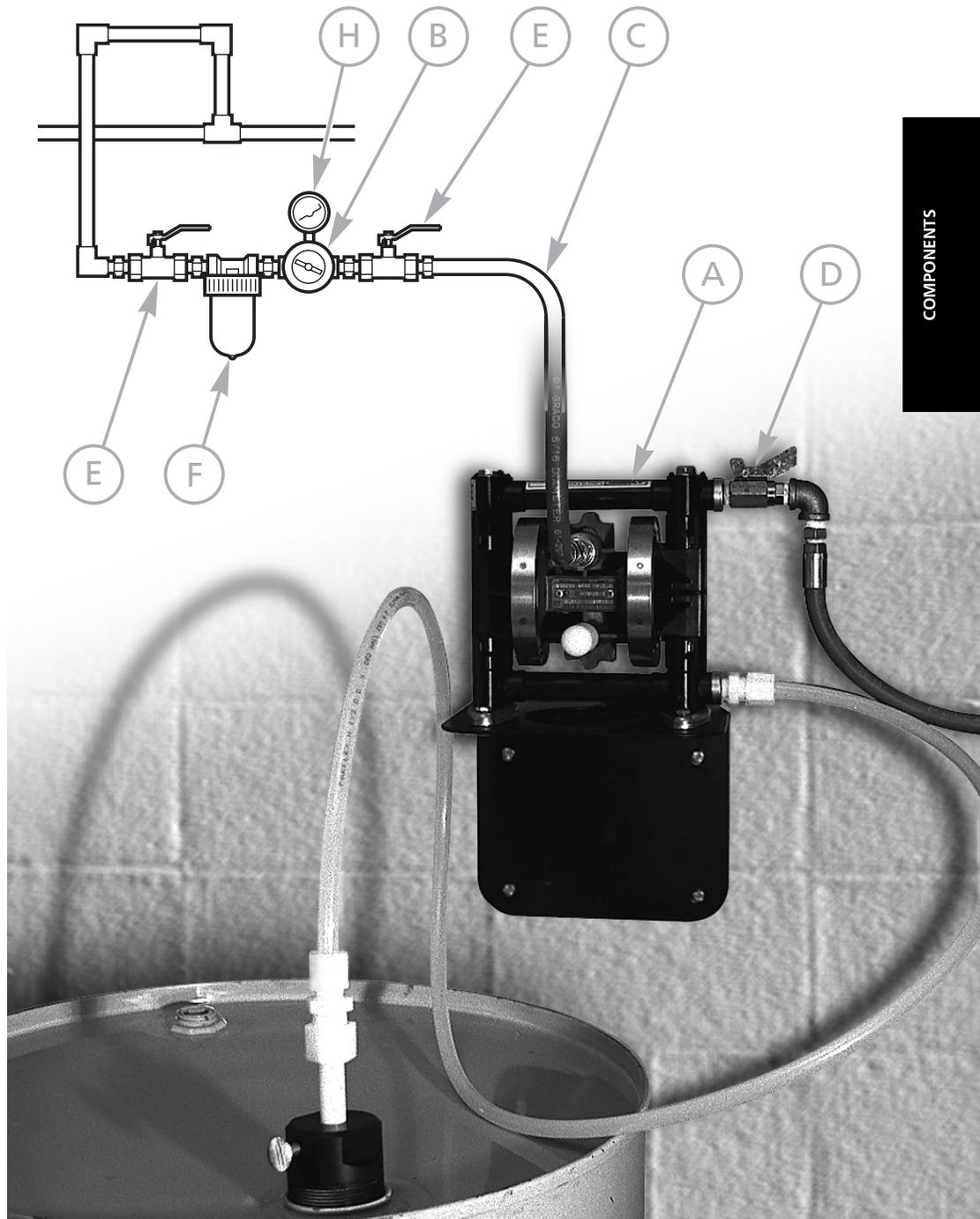




First choice when
quality counts.™

Husky™ Diaphragm Pump Suction Kits



COMPONENTS

**Air-Powered
Pump Packages
for a Variety
of Fluid
Containers**

When it Comes to Suction Kit Packages We Speak Volumes... Large or Small

Handle hundreds of fluids from every pail, drum, tank, or other type of fluid container imaginable. If your fluid is listed below, our Husky suction kit packages make sense for you.

Industrial Solvents: aromatics, esters, ketones, chlorinated solvents

Adhesives: contact cement, white glue, resins (up to 5000 centipoise)

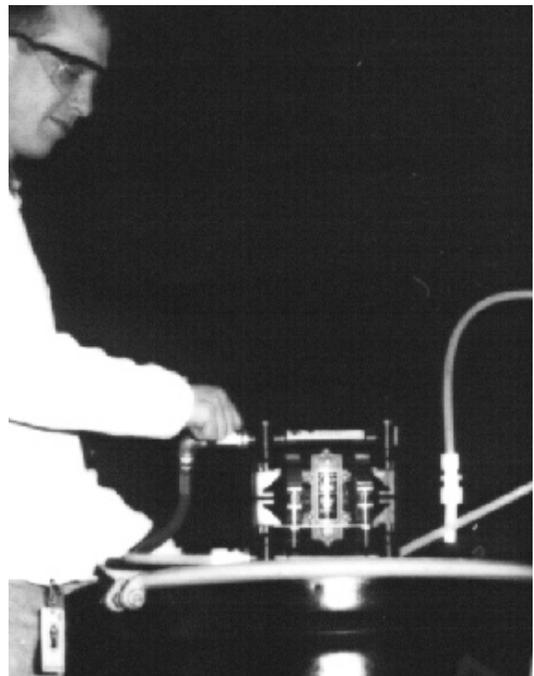
Decorative/Protective Coatings: paints, stains, varnish, solvents

Lubricants/Coolants: motor oil, hydraulic fluids, cutting fluids, antifreeze

Cleaners/Sanitizers: soaps, detergents, solvents, acids, and caustics

Inks: flexographic, rotogravure, silk-screen inks (up to 5000 centipoise)

Easily adapt any 1/4-in to 1-in Husky pump with a siphon package to make it a perfect solution for pumping out of a variety of containers



Low-Flow Suction Kits for 1/4-in (6.4 mm) Husky 203 Pumps

NOTE: These systems include the equipment that you will need to complete your suction kit. Pumps are supplied separately.

239-142 Polypropylene Suction Kit with up to 3 gpm (11 lpm) Delivery

This suction kit includes everything required to manually dispense from a 55-gal (205 l) drum. The polypropylene wetted parts of this suction kit and pump make it compatible with hydrochloric and sulfuric acids along with alkalis like sodium hydroxide and magnesium hydroxide normally compatible with polypropylene.

To make this suction kit complete, add D12-0A1 Husky 203 polypropylene/Teflon® pump.

Suction kit includes the following:

188-170	3/8-in (9.5 mm) polypropylene suction tube
111-276	SST thumb screw
188-182	2-in (51 mm) polypropylene bung adapter
111-861	polypropylene union connector
188-172	3/8-in (9.5 mm) polypropylene suction tube, pump to bung adapter
113-906	1/4-in (6.4 mm) polypropylene fitting, male npt x tube connection
110-110	pipe sealant

239-144 Kynar® (PVDF) Suction Kit with up to 3 gpm (11 lpm) Delivery

This suction kit includes everything required to manually dispense from a 55-gal (205 l) drum. The Kynar wetted parts of this suction kit and pump make it compatible with nitric, concentrated sulfuric, and other strong acids. Kynar is also compatible with bleaches like sodium hypochlorite and hot caustic solutions.

To make this suction kit complete, add D15-0A1 Husky 203 Kynar/Teflon pump.

Suction kit includes the following:

192-055	3/8-in (9.5 mm) Teflon suction tube
111-276	SST thumb screw
192-054	2-in (51 mm) Kynar bung adapter
113-909	Kynar union connector
192-010	3/8-in (9.5 mm) Kynar suction tube, pump to bung adapter
113-905	1/4-in (6.4 mm) Kynar fitting, male npt x tube connection
110-110	pipe sealant

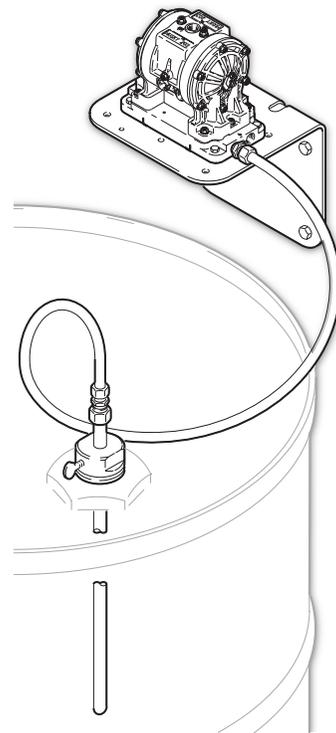
239-143 Acetal Suction Kit with up to 3 gpm (11 lpm) Delivery

This suction kit includes everything required to manually dispense from a 55-gal (205 l) drum. The acetal wetted parts of this suction kit and pump make it compatible with oils, solvents, and flammables.

To make this suction kit complete, add D11-021 Husky 203 acetal/Teflon pump.

Suction kit includes the following:

188-171	3/8-in (9.5 mm) acetal suction tube
111-276	SST thumb screw
188-181	2-in (51 mm) acetal bung adapter
111-863	acetal union connector
188-173	3/8-in (9.5 mm) acetal suction tube, pump to bung adapter
113-904	1/4-in (6.4 mm) acetal fitting, male npt x tube connection
110-110	pipe sealant



Medium-Flow Suction Kits for 3/8-in (9.5 mm) Husky 307 Pumps

NOTE: These systems include the equipment that you will need to complete your suction kit. Pumps are supplied separately.

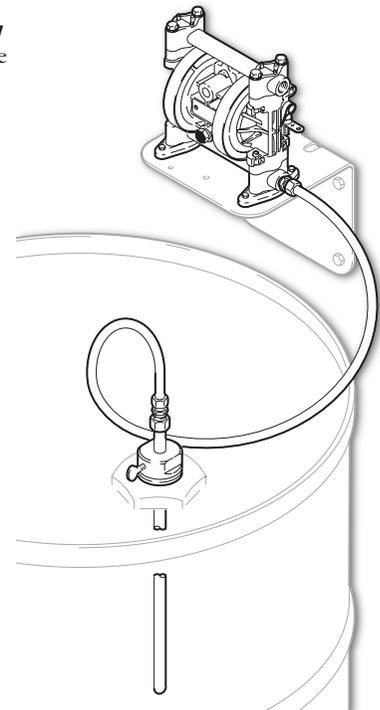
235-502 Polypropylene Suction Kit with up to 7 gpm (26 lpm) Delivery

This suction kit includes everything required to feed a remote wall-mounted pump to manually dispense from a 55-gal (205 l) drum. The polypropylene wetted parts of this suction kit and pump make it compatible with hydrochloric and sulfuric acids along with alkalis like sodium hydroxide and magnesium hydroxide normally compatible with polypropylene.

To make this suction kit complete, add D32-911 Husky 307 polypropylene/Teflon pump.

Suction kit includes the following:

- 188-170 3/8-in (9.5 mm) polypropylene suction tube
- 111-276 SST thumb screw
- 188-182 2-in (51 mm) polypropylene bung adapter
- 111-861 polypropylene fitting
- 188-172 3/8-in (9.5 mm) polypropylene suction tube, pump to bung adapter
- 111-862 3/8-in (9.5 mm) polypropylene fitting, male npt x tube connection
- 110-110 pipe sealant



235-500 Remote Acetal Suction Kit with up to 7 gpm (26 lpm) Delivery

This suction kit includes everything required to feed a remote wall-mounted pump to manually dispense from a 55-gal (205 l) drum. The acetal wetted parts of this suction kit and pump make it compatible with oils, solvents, and flammables normally compatible with acetal.

To make this suction kit complete, add D31-211 Husky 307 acetal/Teflon pump and 224-835 wall bracket.

Suction kit includes the following:

- 188-171 3/8-in (9.5 mm) acetal suction tube
- 111-276 SST thumb screw
- 188-181 2-in (51 mm) acetal bung adapter
- 111-863 acetal fitting
- 188-173 3/8-in (9.5 mm) nylon suction tube (pump to bung adapter)
- 111-864 3/8-in (9.5 mm) acetal male connector
- 110-110 pipe sealant

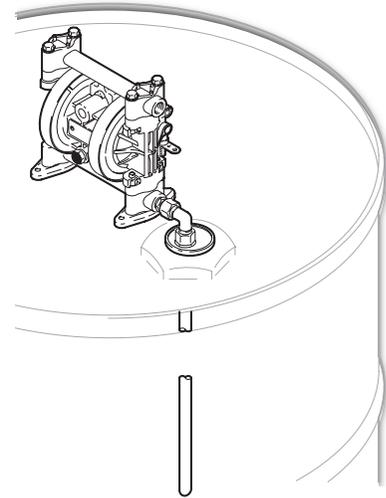
224-834 Acetal Suction Kit with up to 7 gpm (26 lpm) Delivery

This suction kit includes everything required to manually dispense from a 55-gal (205 l) drum. The acetal wetted parts of this suction kit and pump make it compatible with oils, solvents, and flammables normally compatible with acetal.

To make this suction kit complete, add D31-211 Husky 307 acetal/Teflon pump.

Suction kit includes the following:

188-118	2-in (51 mm) acetal bung adapter
188-116	3/8-in (9.5 mm) acetal suction tube
188-379	2 rubber base pads
111-808	3/8-18 npt male elbow
110-110	pipe sealant



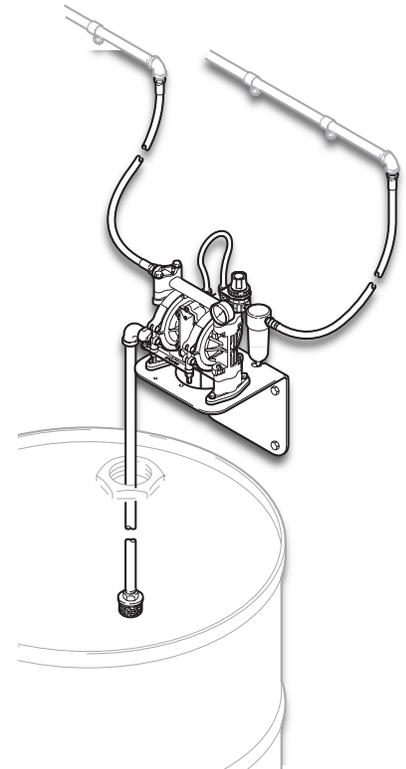
237-160 Remote Suction Kit with Air Controls and Air Line Fittings, up to 7 gpm (26 lpm) Delivery

This suction kit includes air controls and air line fittings for a complete drum evacuation system. The wetted parts of this suction kit and pump make it compatible with oils, windshield washer solvents, and other mildly corrosive or non-corrosive fluids.

To make this suction kit complete, add D32-966 Husky 307 polypropylene/Santoprene® pump and 224-835 wall bracket.

Suction kit includes the following:

100-611	street elbow
108-190	air gauge, 0 to 100 psi (0 to 7 bar, 0 to 0.7 MPa)
109-125	6-ft (1.8 m) buna-N air hose
110-146	1/4 npt inlet and outlet air filter with 1-oz bowl
110-209	regulator nut
110-318	1/4 npt air regulator
220-596	4-ft (1.2 m) nitrile fluid hose, coupled 3/8 in
111-511	2 air line fittings, 1/4-18 npt(m) x 3/8-in OD tube
156-022	adapter, 3/8-18 npt(m) x 1/2-14 npt(f)
156-971	1/4-18 nipple
187-479	15-in (381 mm) tube, 3/8 in (9.5 mm) ID
190-125	mounting bracket
223-888	suction hose kit (includes 110-904 PVC coupled suction hose and 108-143 16-mesh 304 SST strainer)



Husky 307 Drum Pumps and Accessories

In addition to our Husky 307 medium-flow suction kits, we have pumps and accessories available individually, from which you can design your complete system. Husky 307 3/8-in (9.5mm) pumps are available in polypropylene and acetal.

Ref.	Part No.	Description
A	D32-911	Husky 307 3/8-in (9.5 mm) pump, polypropylene/Teflon
A	D32-966	Husky 307 3/8-in (9.5 mm) pump, polypropylene/santoprene
A	D31-277	Husky 307 3/8-in (9.5 mm) pump, acetal/buna-N
A	D31-311	Husky 307 3/8-in (9.5 mm) pump, polypropylene/Teflon
B	110-223	bleed-type master air valve, brass, female, 1/4 npt(fbe)
C	221-169	air supply line, 1/2 in (12.7 mm) x 10 ft (3.1 m), coupled, 1/2 npt(m) x 1/4 npt(f)
D	208-536	air line quick disconnect coupler, 1/4 npt(f)
D	169-970	air line quick disconnect fitting, 1/4 npt(m)
E	208-390	master air valve, 1/4 npt(m)
F	110-146	air line filter, 20-micron drain cock, 1/4 npt(f)
H	110-147	air regulator with gauge, 1/4 npt(f), 0 to 180 psi (0 to 12.5 bar, 0 to 1.3 MPa)
J	237-531	fluid drain valve, 3/8 npt(m) both ends, SST/Teflon
J	208-393	fluid drain valve, 3/8 npt(m) both ends, steel/Teflon
L	224-834	transfer supply system (see Note 1)
L	235-500	transfer kit (see Note 2)
M	235-643	nylon inlet filter kit
N	205-169	fluid supply hose, 300 psi (21 bar, 2.1 MPa), nylon core/synth rubber cover, 3/8-in ID x 3 ft (0.9 m)
N	205-398	fluid supply hose, 300 psi (21 bar, 2.1 MPa), nylon core/synth rubber cover, 3/8-in ID x 6 ft (1.8 m)
N	235-651	fluid supply hose, 300 psi (21 bar, 2.1 MPa), nylon core/synth rubber cover, 3/8-in ID x 10 ft (3.1 m)
N	205-142	fluid supply hose, 300 psi (21 bar, 2.1 MPa), nylon core/synth rubber cover, 3/8-in ID x 25 ft (7.6 m)
N	215-247	fluid supply hose, 5000 psi (345 bar, 34 MPa), groundable, nylon core/urethane cover, 3/8-in ID x 5 ft (1.5 m)
N	215-244	fluid supply hose, 5000 psi (345 bar, 34 MPa), groundable, nylon core/urethane cover, 3/8-in ID x 25 ft (7.6 m)
S	224-835	wall-mount bracket, carbon steel, for Husky 307 or Husky 715 (not shown)
Y	222-011	ground wire and clamp, insulated, 25 ft (7.6 m)

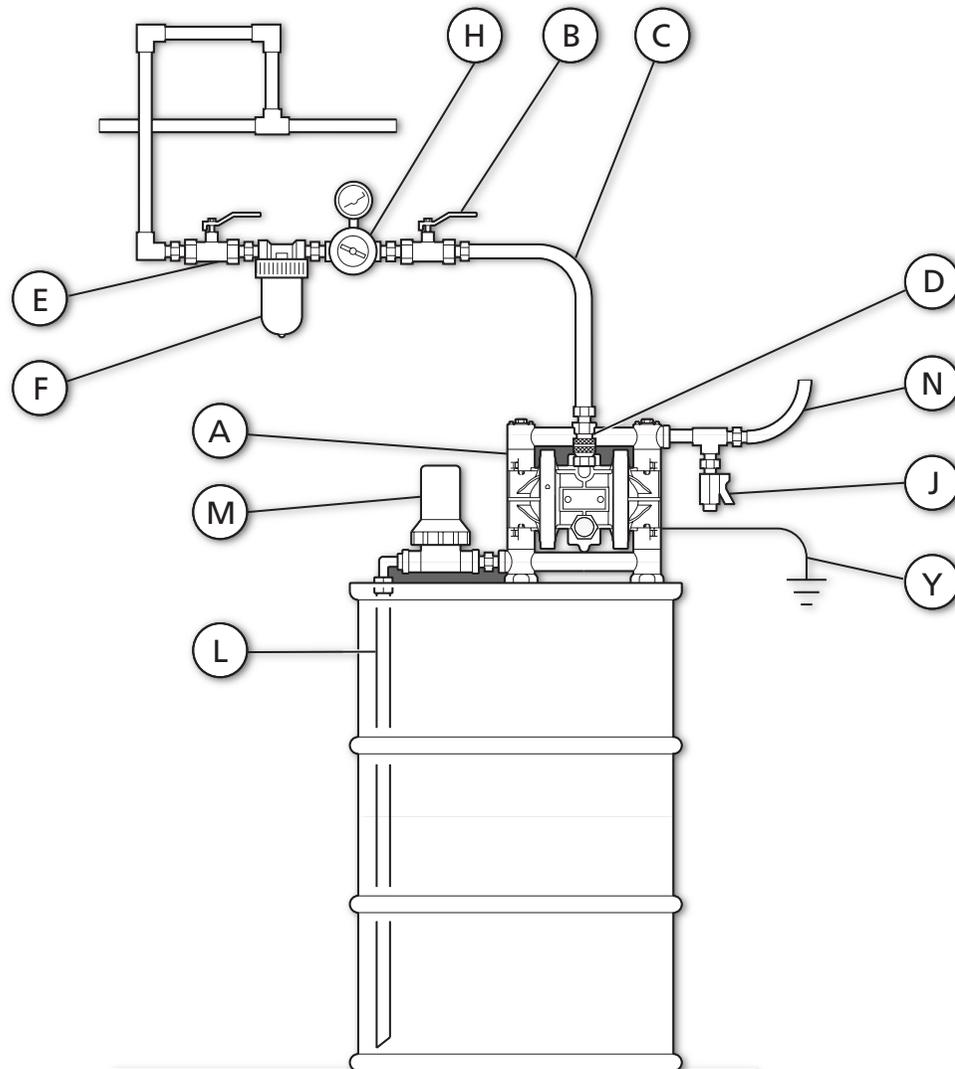
Note 1: See contents of kit 224-834 in Medium-Flow Suction Kits section.

Note 2: See contents of kit 235-500 in Medium-Flow Suction Kits section.

Note: Additional adapter fittings maybe required.

Husky 307 Typical System Design

The Husky 307 pump is capable of emptying a 55-gal (205 l) drum in less than 15 minutes.



High-Flow Suction Kits for 3/4-in (19 mm) Husky 715 Pumps

*NOTE: These systems include the equipment that you will need to complete your suction kit.
Pumps are supplied separately.*

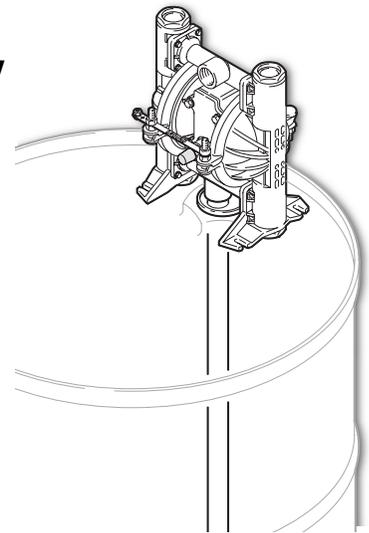
221-094 Stainless Steel Suction Kit with up to 15 gpm (56 lpm) Delivery

This suction kit includes everything required to manually dispense from a 55-gal (205 l) drum. The stainless steel wetted parts of this suction kit and pump make it compatible for handling oils, solvents, and flammables and any fluid compatible with SST and acetal.

To make this suction kit complete, add D61-211 Husky 715 acetal/Teflon pump.

Suction kit includes the following:

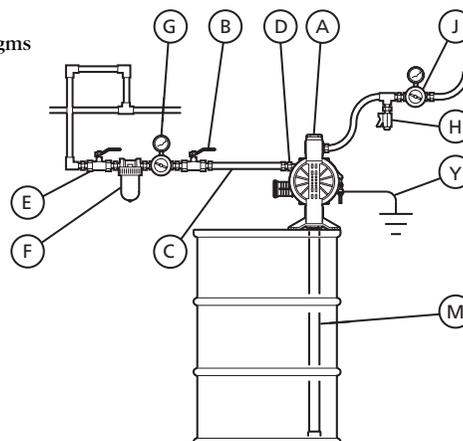
- | | |
|---------|---------------------------------|
| 183-549 | 3/4-in (19 mm) SST suction tube |
| 183-553 | 2-in (51 mm) SST bung adapter |



Husky 715 Drum Pumps and Accessories

The Husky 715 pump is capable of emptying a 55-gal (205 l) drum in less than 5 minutes

Ref.	Part No.	Description
A	D62-911	Husky 715 3/4-in (19 mm) pump, polypropylene/Teflon
A	D62-966	Husky 715 3/4-in (19 mm) pump, polypropylene/santoprene
A	D61-277	Husky 715 3/4-in (19 mm) pump, acetal/buna-N
A	D61-311	Husky 715 3/4-in (19 mm) pump, acetal/Teflon
A	237-591	Husky 715 3/4-in (19 mm) pump, aluminum with buna-N diaphragms
B	107-142	bleed-type master air valve, 1/2 npt(f) x 1/2 npt(m), brass
C	221-169	air supply line, 1/2 in (12.7 mm) x 10 ft (3.1 m), coupled, 1/2 npt(m) x 1/4 npt(f)
D	208-536	air line quick disconnect coupler, 1/4 npt(f)
D	169-970	air line quick disconnect fitting, 1/4 npt(m)
E	237-530	master air valve, 1/4 npt(mbe) x 3/8 npt(mbe)
F	106-148	air line filter, 40 micron, drain cock, 3/8 npt(f)
G	202-156	pump air regulator with gauge, 3/8 npt(f), 0 to 180 psi (0 to 12.5 bar, 0 to 1.3 MPa)
H	237-534	fluid drain valve, 3/8 npt(m) x 3/8 npt(f), SST/Teflon
J	214-706	fluid regulator, 100 psi (7 bar, 0.7 MPa), gauge, SST regulator with Teflon diaphragm 3/8 npsm(f) x 3/8 npt(f)
K	221-170	elect. cond. fluid spl hose, 500 psi (34 bar, 3.4 MPa), nylon core/ureth cover/SST ftngs, 3/4 npt(mbe) x 3 ft (0.9 m) (not shown)
K	221-171	elect. cond. fluid spl hose, 500 psi (34 bar, 3.4 MPa), nylon core/ureth cover/SST ftngs, 3/4 npt(mbe) x 6 ft (1.8 m) (not shown)
K	221-172	elect. cond. fluid spl hose, 500 psi (34 bar, 3.4 MPa), nylon core/ureth cover/SST ftngs, 3/4 npt(mbe) x 10 ft (3.1 m) (not shown)
K	221-173	elect. cond. fluid spl hose, 500 psi (34 bar, 3.4 MPa), nylon core/ureth cover/SST ftngs, 3/4 npt(mbe) x 25 ft (7.6 m) (not shown)
L	221-094	55-gal (205 l) bung kit with SST suction tube and bung plug (see facing page)
M	183-549	3/4-in (19 mm) SST suction tube Note: The 183-549 suction tube is included in the 221-094 kit.
Y	222-011	ground wire and clamp, insulated, 25 ft (7.6 m)
	224-835	wall-mount bracket, carbon steel, for Husky 307 or Husky 715 (not shown)
Note:		Additional adapter fittings maybe required.



Highest-Flow Suction Kit for 1-in (25.4 mm) Husky 1040 Pump

There is not a suction kit for the Husky 1040 pump; however, below are the components that can be purchased separately to make a siphon kit for manually dispensing from a 55-gal (205 l) drum. The wetted parts of this suction tube and pump make them compatible with a wide variety of fluids.

Assemble a suction kit from some of the following items. Husky 1040 1-in (25.4mm) pumps are available in aluminum, stainless steel, polypropylene, Kynar, and acetal, for pumping a variety of fluids.

Ref.	Part No.	Description
A	D72-911	Husky 1040 1-in (25.4 mm) pump, polypropylene/Teflon (1-in flange adapters required)
A	D72-966	Husky 1040 1-in (25.4 mm) pump, polypropylene/santoprene (1-in flange adapters required)
A	D71-277	Husky 1040 1-in (25.4 mm) pump, acetal/buna-N (1-in flange adapters required)
A	D71-311	Husky 1040 1-in (25.4 mm) pump, acetal/Teflon (1-in flange adapters required)
A	D73-277	Husky 1040 1-in (25.4 mm) pump, aluminum with buna-N diaphragms
B	221-169	air supply line, 1/2 in (12.7 mm) x 10 ft (3.1 m), coupled, 1/2 npt(m) x 1/4 npt(f)
C	110-224	bleed-type master air valve, brass, 3/8 npt(f) inlet and outlet
D	110-234	pump air regulator, 3/8 npt(f), 0 to 250 psi (0 to 17.4 bar, 0 to 1.7 MPa)
D	100-960	regulator gauge, 1/4 npt(m)
E	110-198	air line quick disconnect coupler, 3/8 npt(f)
E	169-971	air line quick disconnect fitting, 3/8 npt(m)
G	106-148	air line filter, 20 micron, drain cock, 3/8 npt(f)
H	223-009	fluid suction assembly for wall-mounted transfer, suction tube with hose, rigid tube, and bung adapter (not shown)
K	237-534	fluid drain valve, 3/8 npt(m) x 3/8 npt(f) SST/Teflon
K	208-391	fluid drain valve, 3/8 npt(m) x 3/8 npt(f) steel/Teflon
L	512-152	fluid shut off valve, carbon steel 1 npt(fbe)
L	512-486	fluid shut off valve, stainless steel 1 npt(fbe)
M	109-064	electrically conductive fluid supply hose, 1000 psi (69 bar, 7 MPa), nitrile core & cover, 1-in ID x 1 npt(mbe) x 28 in (711 mm)
Y	237-569	grounding wire and clamp, 25 ft. (7.6 m)
Z	206-266	3/4 npt(f) 37-in (940 mm) 1.5 D carbon steel
	or 166-630	1-in npt MBE 30-in (762 mm) copper alloy pipe
Z	203-992	suction kit with low-level cut off valve
Z	236-054	suction kit (carbon steel) includes bushing, 3/4-in ID hose 6 ft(1.8 mm) long with spring guard, suction tube, and bung adapter with all fittings
	239-005	companion flange kit for Husky 1040 polypropylene pump: 2 poly flanges, gaskets, and bolts (not shown)
	239-008	companion flange kit for Husky 1040 acetal pump: 2 SST flanges, gaskets, and bolts (not shown)
	157-785	swivel union (not shown)
	158-555	reducing nipple (not shown)
	158-586	3/4-in steel bushing (not shown)
	189-233	wall-mount bracket, painted steel 11-gauge bracket for wall mounting (not shown)
	Note:	Additional adapter fittings maybe required.

Husky 1040 Typical System Design

The Husky 1040 pump is capable of emptying a 55-gal (205 l) drum in 2 minutes or less.

