



# Process Equipment

Air-Operated Pumps for Process Industries



PROVEN QUALITY. LEADING TECHNOLOGY.



# SUPERIOR PUMPING TECHNOLOGY



Double Diaphragm/  
Piston Evacuation

## 55 Gallon Drum Transfer and Supply

Pump from your 55 gallon drums with our double diaphragm or piston evacuation pumps. They offer flow rates up to 16 gpm, and are available in: aluminum, carbon steel, stainless steel, polypropylene and acetal materials of construction.



Husky™  
Air-Operated  
Double Diaphragm

## Bulk Tank Supply and Evacuation

Husky™ air-operated double diaphragm pumps are ideal for unloading above or below ground tanks of any size. They are available in a wide range of sizes including: 1/4 in (6.3 mm), 3/8 in (9.4 mm), 1/2 in (12.7 mm), 3/4 in (19.1 mm), 1 in (25.4 mm), 1-1/2 in (38.1 mm), 2 in (50.8 mm) and 3 in (76.2 mm).



Pneumatic

## Maintenance and Production Cleaning

Designed for rugged dependability, pneumatically-driven pumps offer simplicity in design, operation and maintenance. They provide high pressure for water and cleaning chemicals up to 3,000 psi and flow rates up to 9 gpm.

### Key Fluids

- Paints, stains, coatings, inks and dyes
- Chemicals
- Acids
- Corrosive and abrasive fluids
- Lubricants
- Ceramic glazes
- Sludge, slurry and waste fluid
- Soaps, detergents and solvents

### Key Applications

- Transferring fluids from drums
- Sanitizing buildings and equipment
- Removing waste fluid
- Unloading fluids
- Draining tanks and sumps
- Transferring high temperature acids
- Skimming and transferring oil
- Servicing lubrication equipment



# TRANSFER PUMPS

Air-Powered for High Reliability at an Affordable Price!

Perfect for low to medium viscosity fluids and shear sensitive materials. Transfer pumps offer superior reliability at an affordable price!

## Piston Pumps

Part Number	Pump Material	Length	Seat Type	Packings	Certificate
226940	Carbon Steel	Drum	Disc	PTFE/Leather	UL, CE
226941	Carbon Steel	Drum	Disc	Polyethylene	UL, CE
226942	Stainless Steel	Drum	Ball	Polyethylene	UL, CE
226944	Carbon Steel	Stubby	Disc	Polyethylene	UL, CE
226945	Stainless Steel	Stubby	Ball	Polyethylene	UL, CE
226946	Carbon Steel	Drum	Disc	PTFE	CE
237129	Stainless Steel	Drum	Ball	PTFE	CE
237132	Stainless Steel	Stubby	Ball	PTFE	CE

- Flow rates up to 5 gpm
- Drum length versions have inlet immersed in material for quicker priming of heavier fluid
- Available with optional stubby and drum length models
- Air-powered for high reliability and low cost
- Disc check options for lower viscosity fluids

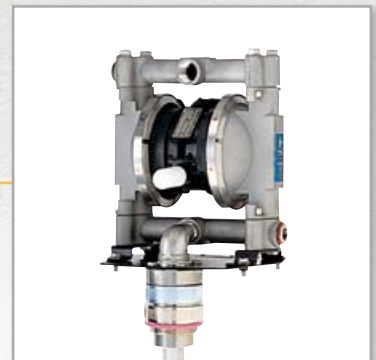
## Husky Transfer Pumps

Part Number	Description	Tube Type
233051	D52911	Polypropylene tube
233052	D51211	Stainless Steel tube
233053	D51211	Aluminum tube
233054	D53266	Aluminum tube
233055	D53277	Aluminum tube
233056	D53211	Aluminum tube
233057	D54311	Stainless Steel tube

- Suction tube is immersed inside the drum – not the pump
- Quick-priming and immediate flow of product
- Handles fluid viscosities up to 5,000 cps and solids up to 0.09 in (2.29 mm)
- Provides air tight seal for moisture-sensitive fluids
- Bung adapter fits into any 2 in (50.8 mm) bung opening



Fast-Flo® 1:1



Husky 515  
Transfer



Husky 716  
Transfer

# AIR-OPERATED DOUBLE DIAPHRAGM PUMPS

## Model Overview



Model	Husky 205 Plastic	Husky 307 Plastic	Husky 515 Plastic	Husky 716 Metal	Husky 1050 Plastic
Connection Size	1/4 in (6.3 mm)	3/8 in (9.4 mm)	1/2 in (12.7 mm) or 3/4 in (19.1 mm)	3/4 in (19.1 mm)	1 in (25.4 mm)
Maximum Flow Rate*	5 gpm (19 lpm)	7 gpm (26 lpm)	15 gpm (57 lpm)	16 gpm (61 lpm)	50 gpm (189 lpm)
Materials of Construction Available	Polypropylene, Kynar (PVDF), Acetal	Polypropylene, Acetal	Polypropylene, Kynar (PVDF), Acetal	Aluminum, 316 Stainless Steel	Polypropylene, Conductive Poly, PVDF
Center Section Available	Polypropylene	Coated Aluminum	Polypropylene	Polypropylene	Polypropylene, Conductive Poly
Typical Fluids Handled	Waterborne materials, paint, coatings, inks, car wash chemicals	Paints, lubricants, inks, stains, solvents, coatings and dyes	Cleaning fluids, detergents, chemicals, ceramic glazes, inks	Oil, water and most solvents	Chemicals, contaminated surface water, adhesives, varnishes, dispersions, solvents and stains, resins, latexes, wood preservative stains, concrete paints and primers, inks
Manual Number	308652	308553	308981	308981	312877

\*Flow rates are with muffler and do not vary based on diaphragm material

Note: Husky 307 and Husky 3275 are only available with standard air valves. All other pumps are available with standard or remote air valves



# THE HUSKY ADVANTAGE

Reduce Downtime and Save Money!



**Husky 1050  
Metal**

**Husky 1590  
Plastic**

**Husky 1590  
Metal**

**Husky 2150  
Plastic**

**Husky 2150  
Metal**

**Husky 3275  
Metal**

1 in (25.4 mm)

1-1/2 in (38.1 mm)

1-1/2 in (38.1 mm)

1-1/2 in (38.1 mm)

2 in (50.8 mm)

3 in (76.2 mm)

50 gpm (189 lpm)

100 gpm (379 lpm)

100 gpm (379 lpm)

100 gpm (379 lpm)

150 gpm (568 lpm)

275 gpm (1041 lpm)

Aluminum, 316 Stainless  
Steel, Hastelloy

Polypropylene, PVDF

Aluminum, 316  
Stainless Steel

Aluminum, 316 Stainless  
Steel

Polypropylene, PVDF

Aluminum

Coated Aluminum,  
Polypropylene, Conductive  
Poly

Coated Aluminum,  
316 Stainless Steel

Coated Aluminum,  
316 Stainless Steel

Coated Aluminum, 316  
Stainless Steel

Coated Aluminum, 316  
Stainless Steel

Coated Aluminum

Chemicals, contaminated  
surface water, adhesives,  
varnishes, dispersions,  
solvents and stains,  
resins, latexes, wood  
preservative stains,  
concrete paints and  
primers, inks

Chemicals, corrosive  
fluids, acids, latex,  
abrasive fluids,  
slurries and sludge

Acids, gases, ship  
cleaning, stripping  
chemicals, alkalies,  
solvents, paints and  
varnishes

Chemicals, bulk paint  
resins and ceramic slip

312877

308549

308441

308550

308368

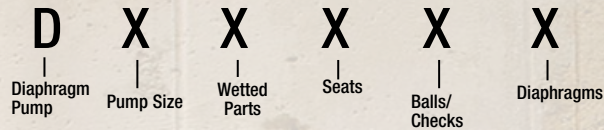
308639

# AIR-OPERATED DOUBLE DIAPHRAGM PUMPS

## Ordering Information

### Diaphragm Pump Designation

Part numbers are located on ID tag on center section of all Husky diaphragm pumps.



PUMP SIZE (AIR MOTOR TYPE AND MATERIAL)	WETTED PARTS	SEATS	BALLS	DIAPHRAGM
1 = 1/4" (6.35 mm) Standard: polypropylene center section 2 = 1/4" (6.35 mm) Remote: polypropylene center section 3 = 3/8" (9.52 mm) Standard: polypropylene center section 5 = 1/2" (12.7 mm) Standard: polypropylene center section 4 = 1/2" (12.7 mm) Remote: polypropylene center section 5 = 3/4" (19.05 mm) Standard: polypropylene center section 4 = 3/4" (19.05 mm) Remote: polypropylene center section	1 = Acetal (npt) 2 = Poly (npt) 3 = Aluminum (npt) 4 = Stainless Steel (npt) 5 = PVDF (npt) 6 = Ductile Iron (npt)	2 = Acetal 3 = Stainless Steel 4 = Hardened SST 5 = TPE 6 = Santoprene 7 = Buna N 8 = FKM 9 = Polypropylene A = PVDF G = Geolast	1 = PTFE 2 = Acetal 3 = Stainless Steel 4 = Hardened SST 5 = TPE 6 = Santoprene 7 = Buna N 8 = FKM 9 = Polypropylene A = PVDF G = Geolast	1 = PTFE 5 = TPE 6 = Santoprene 7 = Buna N 8 = FKM G = Geolast P = Bolt-through PTFE
1" (25.4 mm) Refer to Husky 1050 Selector Tool	A = Acetal * (bsp) B = Poly * (bsp) C = Aluminum (bsp) D = Stainless Steel (bsp) E = PVDF (bsp) F = Ductile Iron (bsp)	B = SST with FKM seal C = Santoprene with FKM seal		
B = 1-1/2" (38.1 mm) Standard: aluminum center section C = 1-1/2" (38.1 mm) Remote: aluminum center section T = 1-1/2" (38.1 mm) Standard: stainless steel center section F = 2" (50.8 mm) Standard: aluminum center section G = 2" (50.8 mm) Remote: aluminum center section V = 2" (50.8 mm) Standard: stainless steel center section K = 3" (76.2 mm) Standard: aluminum center section	H = 2 npt Alum Extended G = 2 bsp Alum Extended			

\* Plastic pumps 1 inch and larger have flange connections  
NOTE: 3 inch Aluminum pumps have 3 inch npt or flange connections

### NEW! Husky 1050 Selector Tool

To order a Husky 1050, use the online selector tool or contact your distributor.

**Husky**  
Air-Operated Double Diaphragm Pumps

Welcome Pump Selector

Pump Size? 1 inch

Pump Material? Aluminum Pump

Air Valve & Center Section? Aluminum Std. Air Valve

Fluid Cover & Manifolds? Standard Porting Inch

Check Style? PP Seat

Ball Style? Thermoplastic Polyester Elastomer Std

Diaphragm? Thermoplastic Polyester Elastomer Sn

Seat & Manifold Seal? PTFE

This product is ATEX certified  
II 2 GD c IIC T4

Order number revers look-up  
Graco (5 digit) Number? Old "D" Number?

Graco Order Number: 647000  
Order with this number  
Old "D" Graco Number: DT3955

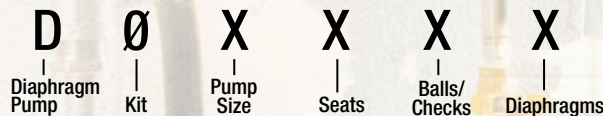
Replacement Kits:  
248706 Aluminum Std Air Valve Replacement Kit  
248835 Poly Seat Kit  
248835 Poly Seat Kit  
248842 TPE Ball Kit  
248824 TPE Diaphragm Kit

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Example of Product Selector Tool on [www.graco.com/process](http://www.graco.com/process).

### Diaphragm Pump Kit Designation

When selecting a kit, use the same code numbers as for the pumps regarding pump size, seat, ball/checks and diaphragm.



Pump Size	Seats	Balls/Checks	Diaphragm
1 = 1/4 in (6.35 mm) 3 = 3/8 in (9.52 mm) 5 = 1/2 in (12.7 mm) and 3/4 in (19.05 mm)	0 = No seat 2 = Acetal 3 = Stainless Steel 4 = Hardened SST 5 = TPE 6 = Santoprene 7 = Buna N 8 = FKM 9 = Poly A = PVDF B = SST with FKM seal C = Santoprene with FKM seal G = Geolast	1 = PTFE 2 = Acetal 3 = Stainless Steel 4 = Hardened SST 5 = TPE 6 = Santoprene 7 = Buna N 8 = FKM 9 = Poly A = PVDF G = Geolast  0 = No Balls/Checks	1 = PTFE 5 = TPE 6 = Santoprene 7 = Buna N 8 = FKM G = Geolast P = Bolt-through PTFE  0 = No Diaphragm
1" (25.4 mm) Refer to Husky 1050 Selector Tool			
B = 1-1/2 in (38.1 mm) metal pump C = 1-1/2 in (38.1 mm) plastic pump F = 2 in (50.8 mm) metal pump G = 2 in (50.8 mm) plastic pump K = 3 in (76.2 mm)			



# HYDRA-CLEAN® PUMPS

## On-Demand High Pressure Cleaning Pumps

Graco Hydra-Clean heavy-duty pressure washers support multiple guns and are perfect for use in a variety of in-plant cleaning applications.

### Hydra-Clean NXT® Pumps

Package Order No.	247549 or 247550	247551 or 247552	247553 or 247554	258664 or 258665
Pressure Ratio	12:1	23:1	30:1	45:1
Pump Assembly Part No.	N34DN0	N65DN0	N65DN0	N65DN0
Pump Lower Part No.	247599	241648	687055	24B923
Construction	SST	SST	SST	SST
Standard Seal Repair Kit	247881	222880	See manual 311825	24C162
Construction	UHMWPE/CF-PTFE	UHMWPE/CF-PTFE	UHMWPE/CF-PTFE	UHMWPE/CF-PTFE
Optional Seal Repair Kits	207581	222875	222845	237713
Construction	PTFE	UHMWPE/PTFE	UHMWPE/PTFE	UHMWPE/CF-PTFE
Motor Repair Kit	See manual 311238	See manual 311238	See manual 311238	See manual 311238

### Features and Benefits

- Versatility in variable pressure, flow and chemical injection provides best cleaning action
- Available with chemical injectors and accumulators
- On demand supply pump stops when valve is closed and runs when valve open
- Cleaning chemical passes through pump, providing concentrate levels above 5%
- Supports multiple guns
- For use with cold or hot water up to 200°F (93°C)

### Typical Applications

- Oil refineries
- Vehicle fleets, buses and transit systems
- Heavy construction equipment, off-highway vehicles
- General industrial equipment
- Sanitizing

NXT  
Wall Mount



NXT  
Cart Mount



NXT  
Cart Mount  
(View from back)





## ABOUT GRACO

### PROVEN QUALITY. LEADING TECHNOLOGY.

Founded in 1926, Graco is a world leader in fluid handling systems and components. Graco products move, measure, control, dispense and apply a wide range of fluids and viscous materials used in vehicle lubrication, commercial and industrial settings.

The company's success is based on its unwavering commitment to technical excellence, world-class manufacturing and unparalleled customer service. Working closely with qualified distributors, Graco offers systems, products and technology that set the quality standard in a wide range of fluid handling solutions. Graco provides equipment for spray finishing, protective coating, paint circulation, lubrication, and dispensing sealants and adhesives, along with power application equipment for the contractor industry. Graco's ongoing investment in fluid management and control will continue to provide innovative solutions to a diverse global market.

## GRACO LOCATIONS

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## SALES/ DISTRIBUTION/ SERVICE

Call today for product information or to request a demonstration.

**877-84GRACO** (1-877-844-7226) or visit us at [www.graco.com](http://www.graco.com).

Graco Inc. is registered to I.S. EN ISO 9001

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