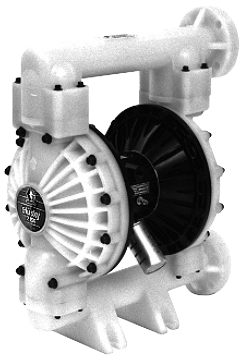
GRACO
First choice when quality counts.™

Husky™ 2150
Air-Operated Double Diaphragm Pump

High pump capacity at a popular price – Graco value!

Aluminum

Stainless Steel



Polypropylene & Kynar

Ductile Iron

- **Larger ports for more flow – up to 150 gpm (568 l/min)**
- **Fluid pressure to 120 psi (8.4 bar, 0.84 MPa)**
- **High reliability patented "closed center" air valve is "online" serviceable**
- **Lube-free operation**
- **Epoxy-coated air section for tough environmental conditions**

Graco's Husky 2150 is the highest capacity 2 in. (51 mm) double diaphragm pump in its price class. With all the same durable features of the smaller models, the 2150 metal models have 2 npt(f) and the plastic models have 2 in. (51 mm) raised face flange ports that can take on the heavier, more viscous materials and pump them faster with greater tolerance for suspended solids.

The Husky 2150 "closed center" air valve system is 100% serviceable without disassembly of the wetted parts. This saves valuable maintenance time. It requires no air line lubrication. This saves money and reduces oily mess.

Five models are available for the Husky 2150: the aluminum general purpose pump; passivated 316 stainless steel and ductile iron pumps to better handle more abrasive or corrosive fluids; polypropylene for general chemicals; and kynar for very aggressive chemicals and higher temperatures. Each model can be ordered with diaphragms, balls and seats to meet your specific fluid needs. Ductile iron pump is 100% expoxy-coated (both air and wetted sections) for tough environmental conditions.

Typical Applications
- Drum fluid transfer
- Unloading fluids
- Chemical evacuation
- Ground water and sump evacuation
- Waste fluid removal
- Bulk fluid supply
- Slurries and sludges
- Filter press feed

Typical Fluids Handled
- Acids, alkalies, solvents, suspensions, dispersions, electroplating baths, paints, varnishes, resins, latex, adhesives, effluent sludge, stablisers, filter press operation
- Tank and bilge drainage, ship cleaning, stripping
- Processed foods, marmalade, chocolate, ketchup, sauces, syrup, applesauce and other fruits

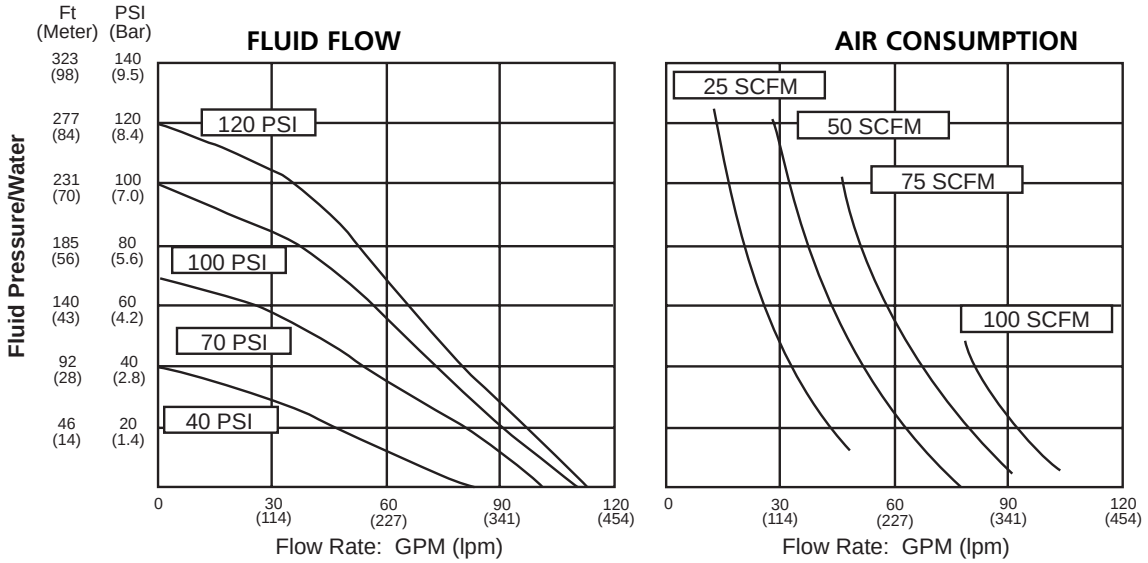
Form No. 305-673 Rev. AB

Technical Specifications

Maximum fluid pressure..... 120 psi (8.4 bar, 0.84 MPa)
Air pressure operating range ..... 20-120 psi (1.4-8.4 bar, 0.14-0.84 MPa)
Maximum air consumption ..... 175 scfm (4.9 m^3/min)
Air consumption at 70 psi/60 gpm ..... 60 scfm (1.7 m^3/min)
Maximum free flow delivery..... 150 gpm (568 l/min)
Maximum pump speed..... 145 cpm
Gallons (liters) per cycle..... 1.03 gal. (3.90 liter)
Maximum suction lift – dry..... 18 ft. (5.48 m)
Maximum size pumpable solids..... 1/4 in. (6.3 mm)
Noise level at 50 cpm and 100 psi (7 bar, 0.7 MPa) ..... 90 dBA
Noise level at 50 cpm and 70 psi (4.9 bar, 0.49 MPa)..... 85 dBA
Maximum operating temperature ..... 150°F (65.5°C)
200°F (93.3°C) for models with Teflon diaphragms and metal or Kynar housings
Air inlet..... 1/2 npt(f)
Fluid inlet and outlet
Aluminum, stainless steel, ductile iron ..... 2 npt(f)
Polypropylene & Kynar..... 2 in. (51 mm) raised face flange
Weight
Aluminum..... 58 lbs. (26.3 kg)
Stainless steel..... 127 lbs. (57.6 kg)
Polypropylene ..... 49 lbs. (22 kg)
Kynar ..... 68 lbs. (31 kg)
Ductile iron..... 130 lbs. (59 kg)
Size
Aluminum, ductile iron & stainless steel ... 17.5 in. W x 23.0 in. H* x 12.5 in. (443.2 mm W x 584.2 mm H x 317.5 mm)
Plastic & Kynar ..... 19.7 in. W x 25.75 in. H x 12.5 in. (501.3 mm W x 654.1 mm H x 317.5 mm)
Mounting hole layout..... 6 in. (152.4 mm) x 6 in. (152.4 mm)
Instruction manual
Aluminum, cast iron & stainless steel..... 308-368
Polypropylene & Kynar..... 308-550

****Note:** the ductile iron pumps are 1.6 in. higher because of the lift ring on the top manifold.*

Husky 2150 Performance Chart (Inlet Submerged in Water)



Husky 2150 Pump Accessories

237-569 Grounding Wire and Clamp
25 ft. (7.6 m) long, 12 ga. (1.5 mm^2).

107-141 Master Air Ball Valve
Max. working pressure: 300 psi (21 bar, 2.1 MPa).
3/4 npt(f) inlet and outlet.

Fluid Drain Ball Valve
Max. working pressure: 500 psi (35 bar, 3.5 MPa).
237-534 SST and Teflon, 3/8 npt(mxf)
208-391 Steel and Teflon, 3/8 npt(mxf)

Fluid Pressure Relief Valve
113-497 CS, Buna, 3/8 npt(mxf), 150 psi (1.0 MPa, 10 bar)
112-119 SST, PTFE, 1/4 npt(mxf), 150 psi (1.0 MPa, 10 bar)

512-213 Fluid Control Valve
2 in. (51 mm) carbon steel, Teflon seals.
Max. working pressure: 1500 psi (103 bar, 10.3 MPa).

157-785 Straight Swivel, 3/4 npt

217-073 Filter/Regulator/Lubricator Assembly
Max. working pressure: 250 psi (17.5 bar, 1.75 MPa).
Air adjustment range: 0-250 psi (0-17.5 bar, 0-1.75 MPa). Inlet and outlet: 3/4 npt(f).

106-150 Air Line Filter
Max. working pressure: 250 psi (17 bar. 1.7 MPa).
Inlet and outlet: 3/4 npt(f).
Reusable 20 micron filter and drain cock.

207-755 Air Regulator with Gauge
Max. working pressure: 300 psi (21 bar, 2.1 MPa).
Adjustment range: 0-125 psi (0-9 bar, 0-0.9 MPa).
3/4 npt(f).

Quieter Pump Operating Options
102-656 Muffler
236-452 Rubber Foot Kit

Groundable Fluid Hose
Max. working pressure: 200 psi (13.8 bar, 1.3 MPa).
314 in. (19 mm) ID, 1/2 npt(fbe).
222-408 10 ft. (3 m)
222-409 25 ft. (7.6 m)

214-950 Groundable Air Hose
Max. working pressure: 180 psi (12.4 bar, 1.24 MPa).
Buna-S core, Buna-N cover. 1/2 npt(mbe).
3/4 in. (19 mm) or 1/2 in. (13 mm) ID x 6 ft. (1.8 m).

Groundable Exhaust Air Hoses
Max. working pressure: 180 psi (12.6 bar, 1.26 MPa).
Buna-N core, Buna-N cover. 3/8 in. (10 mm) ID.
208-610 3/4 npt(mbe); 6 ft. (1.83 m) long
205-548 3/4 npt(mbe); 15 ft. (4.57 m) long

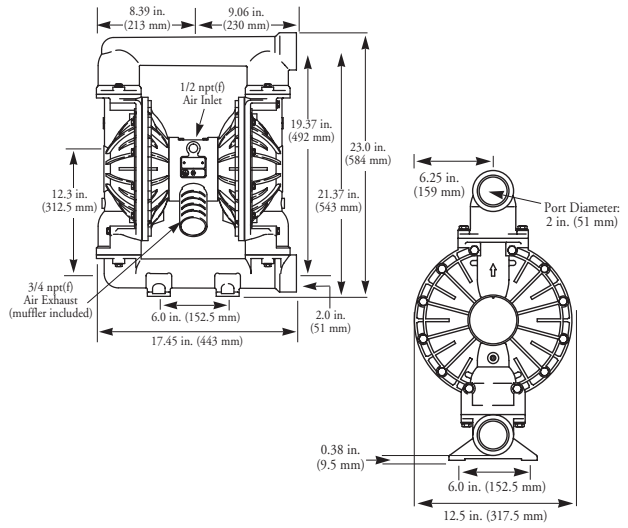
100-385 Exhaust Hose Coupling
Connects muffler to exhaust hose. 3/4 npt(fbe).

236-273 Air Valve Repair Kit

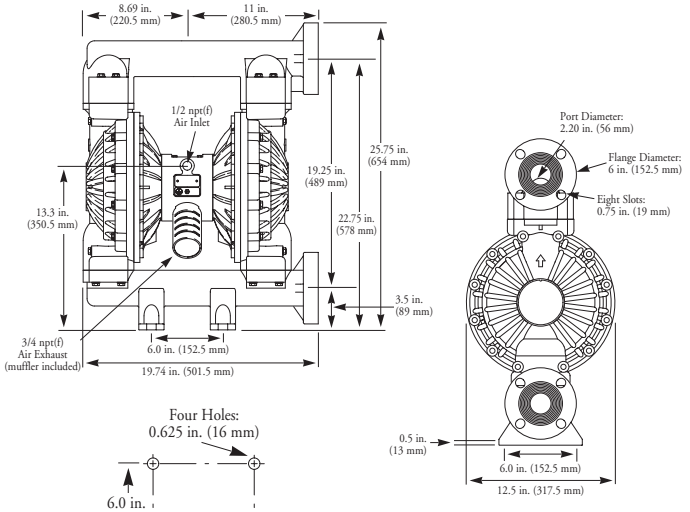
Flange Kits
With Teflon gaskets and SST fasteners.
239-007 Polypropylene
239-011 Kynar

Husky 2150 Pump Dimensions

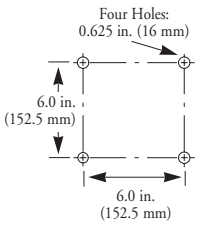
Metal Models



Plastic Models



Mounting Hole Pattern for Metal and Plastic:



Order Numbers for the Husky 2150

To determine the model number of your pump from the following matrix, select the six digits which describe your pump-of-choice, working from left to right. The first digit is always "D," designating Husky diaphragm pumps. The remaining five digits define the materials of construction. Example: a pump with an aluminum air motor and fluid section, polypropylene seats, Teflon balls, and Teflon diaphragms is Model DF3-911.

Diaphragm Pump	Air Motor	Fluid Section	Select One from Each Column		
			Seats	Balls	Diaphragms
Metal Pumps					
D	F	3 (Aluminum) 4 (SST) 6 (Ductile iron)	3 (316 SST) 4 (17-4 PH SST) 5 (Hytrel) 6 (Santoprene) 8 (Viton) 9 (Polypropylene)	1 (Teflon) 2 (Acetal) 4 (440C SST) 5 (Hytrel) 6 (Santoprene) 8 (Viton)	1 (Teflon) 5 (Hytrel) 6 (Santoprene) 8 (Viton)
Plastic Pumps					
D	F	2 (Polypropylene) 5 (Kynar)	3 (316 SST) 4 (17-4 PH SST) 5 (Hytrel) 6 (Santoprene) 9 (Polypropylene) A (Kynar)	1 (Teflon) 2 (Acetal) 4 (440C SST) 5 (Hytrel) 6 (Santoprene) 8 (Viton)	1 (Teflon) 5 (Hytrel) 6 (Santoprene) 8 (Viton)

Conversion/Repair Kits

Conversion/Repair Kits may be ordered separately. To repair the seats, balls and diaphragms, select the six digits which describe your pump from the following matrix, working from left to right. The first two digits are always D0. The remaining four digits define the materials of construction. A choice of zero allows you to omit that component. Example: to order Teflon diaphragms only for a metal 2150 pump order D0F-001.

Diaphragm Pump	Air Motor	Fluid Section	Select One from Each Column		
			Seats	Balls	Diaphragms
Metal Pumps					
D	0	F (Teflon)	0 (null) 3 (316 SST) 4 (17-4 PH SST) 5 (Hytrel) 6 (Santoprene) 8 (Viton) 9 (Polypropylene)	0 (null) 1 (Teflon) 2 (Acetal) 4 (440C SST) 5 (Hytrel) 6 (Santoprene) 8 (Viton)	0 (null) 1 (Teflon) 5 (Hytrel) 6 (Santoprene) 8 (Viton)
Plastic Pumps					
D	0	G (Plastic)	0 (null) 3 (316 SST) 4 (17-4 PH SST) 5 (Hytrel) 6 (Santoprene) 9 (Polypropylene) A (Kynar)	0 (null) 1 (Teflon) 2 (Acetal) 4 (440C SST) 5 (Hytrel) 6 (Santoprene) 8 (Viton)	0 (null) 1 (Teflon) 5 (Hytrel) 6 (Santoprene) 8 (Viton)