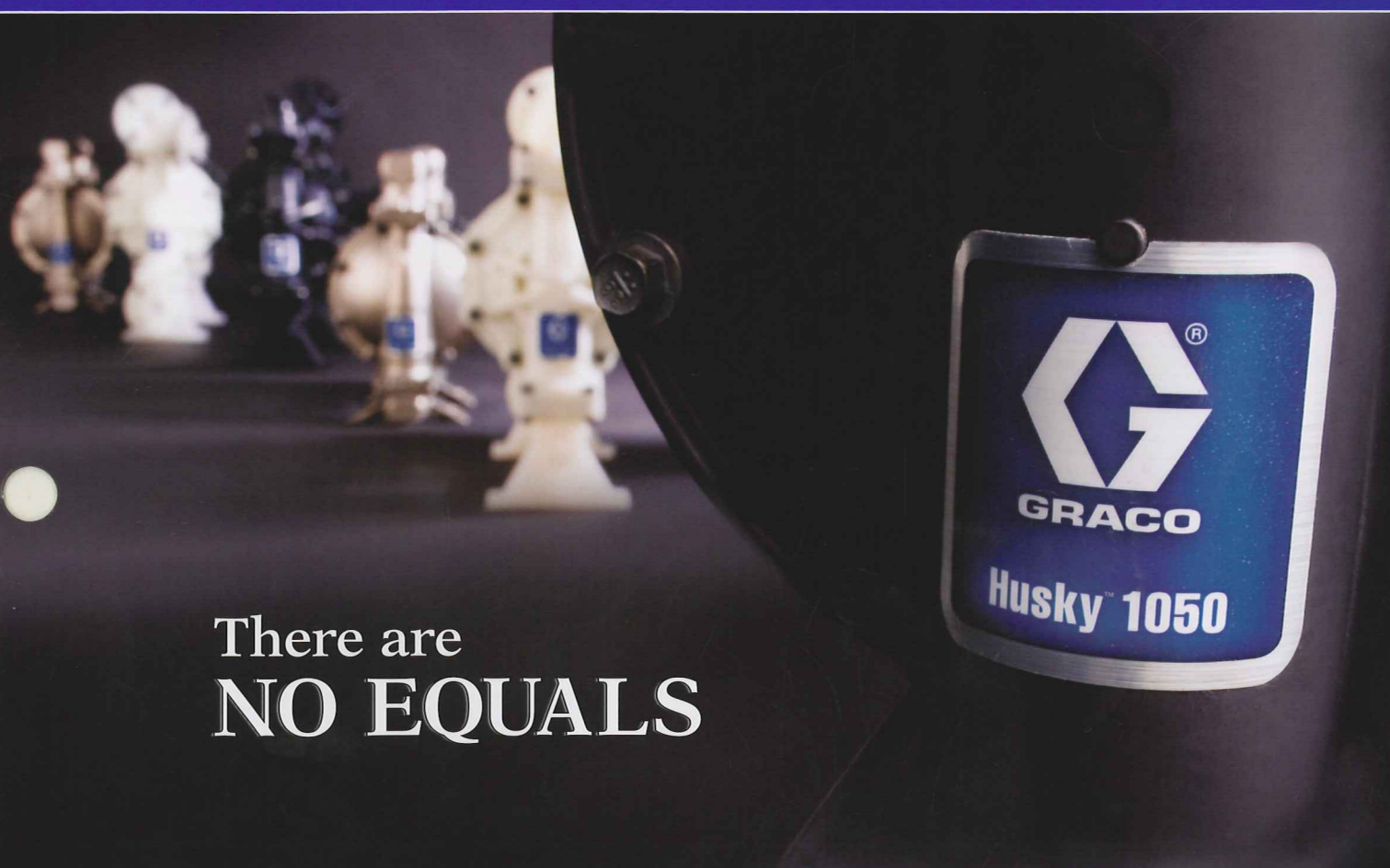




Husky™ 1050 Pumps

A Complete Family of 1 inch (25.4 mm)
Air-Operated Double Diaphragm Pumps



There are
NO EQUALS

- **30%** more efficient than the market leaders
- **20%** increase in fluid flow compared to the Husky 1040
- Up to **5 times** longer diaphragm life compared to other diaphragm pumps in its class
- Expanded material offering to handle **endless applications**

PROVEN QUALITY. LEADING TECHNOLOGY.

HUSKY 1050 FAMILY

There are **NO EQUALS**



No Limits. No Equals. No Problem.

At Graco, there are no limits when it comes to designing pumps that exceed your expectations.

That's why we're expanding our pump line.

What makes these Husky Pumps among the Best in the Industry?

Efficiency

30% more efficient than the industry leaders.

Performance

Delivers material up to 50 gpm (189 lpm). That's a 20% increase in flow*!

Engineering

Diaphragms last 5 times longer than others in its class*.

Buy a Husky 1050 pump today and you'll quickly see why there are **NO EQUALS!**

*When compared to the Husky 1040.



Modular Air Valve

Stall-free, low pulsation operation provides smooth and rapid changeover

One-Piece Center Section

Eliminates air leaks for more efficient operation

Longer Diaphragm Life

Up to 5x longer diaphragm life for less maintenance and downtime

Optional Features

DataTrak™

- Runaway protection
- Tracks material usage
- Pulse Output
- Cycle count capability



Four Bolt Joint Design

Bolted design provides even sealing pressure for leak-free operation

Multiple Ports

Increased number of ports for installation flexibility



Aluminum



Polypropylene



Stainless Steel



PVDF



Conductive Polypropylene



Hastelloy

SIX MATERIALS. ENDLESS APPLICATIONS.

Find the Right Pump for your Application

Graco is making it easy to select a pump that's right for your application.

To order a Husky 1050, use the online selector tool at www.gracohusky.com 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 Sin

Seal & Manifold Seal? PTFE

This product is ATEX certified II 2 GD c IIC T4

Graco Order Number: 647000
Order with this number

Old 'D' Graco Number: D73955

Replacement Kits:
248766 Aluminum Std Air Valve Replacement Kit
248635 Poly Seat Kit
248635 Poly Seat Kit
248642 TPE Ball Kit
248624 TPE Diaphragm Kit

PROVEN QUALITY. LEADING TECHNOLOGY.

Example of Product Selector Tool on www.gracohusky.com.

WHAT'S NEXT?

Watch for the next pump in Graco's new series of air-operated double diaphragm pumps.

Husky 1050 Technical Specifications

Maximum fluid working pressure.....	125 psi (8.6 bar, 0.86 MPa)
Air pressure operating range.....	20-125 psi (1.4-8.6 bar, 0.14-0.86 MPa)
Maximum air consumption.....	67 scfm
Air consumption at 70 psi (4.8 bar, 0.48 MPa), 20 gpm (76 lpm).....	25 scfm
Maximum free-flow delivery.....	50 gpm (189 lpm)
Maximum pump speed.....	280 cpm
Fluid displacement per cycle.....	0.17 gal (0.64 liters)
Maximum suction lift.....	16 ft (4.9 m) dry, 29 ft (8.8 m) wet
Maximum size pumpable solids.....	1/8 in (3.2 mm)
Sound Power*	
at 70 psi (4.8 bar, 0.48 MPa) and 50 cpm.....	78 dBa
at 100 psi (7.0 bar, 0.7 MPa) and full flow.....	90 dBa
Sound Pressure**	
at 70 psi (4.8 bar, 0.48 MPa) and 50 cpm.....	84 dBa
at 100 psi (7.0 bar, 0.7 MPa) and full flow.....	96 dBa
Air inlet size.....	1/2 npt(f)
Fluid inlet size	
Aluminum (1050A).....	1 in npt(f) or 1 in bspt
Plastic (1050P, 1050C and 1050F).....	1 in raised face ANSI/DIN flange
Stainless Steel (1050S and 1050H).....	1 in npt(f) or 1 in bspt
Fluid outlet size	
Aluminum (1050A).....	1 in npt(f) or 1 in bspt
Plastic (1050P, 1050C and 1050F).....	1 in raised face ANSI/DIN flange
Stainless Steel (1050S and 1050H).....	1 in npt(f) or 1 in bspt
Weight	
Aluminum (1050A).....	23 lb (10.5 kg)
Plastic (1050P and 1050C).....	18 lb (8.2 kg)
PVDF (1050F).....	21 lb (9.5 kg)
Stainless Steel (1050S)	
with conductive polypropylene center.....	36.3 lb (16.5 kg)
with polypropylene center.....	37.3 lb (16.9 kg)
with aluminum center.....	41.4 lb (18.8 kg)
Hastelloy (1050H).....	41 lb (18.6 kg)
Wetted parts	
Aluminum (1050A).....	aluminum and material(s) chosen for seat, ball, and diaphragm options
Plastic (1050P, 1050C and 1050F).....	polypropylene and material(s) chosen for seat, ball, and diaphragm options
Stainless Steel (1050S).....	stainless steel and material(s) chosen for seat, ball, and diaphragm options
Hastelloy (1050H).....	hastelloy, stainless steel and material(s) chosen for seat, ball, and diaphragm options
Non-wetted external parts	
Aluminum (1050A).....	Center: aluminum Bolts: coated carbon steel
Plastic (1050P, 1050C and 1050F).....	Center: polypropylene Bolts: stainless steel
Stainless Steel (1050S).....	Center: polypropylene Bolts: stainless steel
Stainless Steel (1050S).....	Center: aluminum Bolts: stainless steel
Hastelloy (1050H).....	Center: polypropylene Bolts: stainless steel
Manual.....	312877

* Sound power measured per ISO-9614-2.

** Sound pressure was tested 3.28 ft (1 m) from equipment.

HUSKY MODELS

	205 1/4 in (6.3 mm) 5 gpm (19 lpm)
	307 3/8 in (9.4 mm) 7 gpm (26 lpm)
	515 1/2 in (12.7 mm) or 3/4 in (19.1 mm) 15 gpm (57 lpm)
	716 3/4 in (19.1 mm) 16 gpm (61 lpm)
	1050 1 in (25.4 mm) 50 gpm (189 lpm)
	1590 1-1/2 in (38.1 mm) 90 gpm (340 lpm)
	2150 2 in (50.8 mm) 150 gpm (568 lpm)
	3275 3 in (76.2 mm) 275 gpm (1041 lpm)

FEATURED PUMP

All written and visual data contained in this document are based on the latest product information available at the time of publication. Graco reserves the right to make changes at any time without notice.

Call today for product information or to request a demonstration.

877.84GRACO (1-877-844-7226) or visit us at www.graco.com/process.

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