



First choice when
quality counts.™

1040™

Air-Operated Diaphragm Pump • UL-Listed

Applications

- fuel dispense and transfer
- solvent dispense and transfer
- engine crankcase oil evacuation

Graco also produces other 1040 air-operated diaphragm pumps for applications where a UL-listed pump is not required.



COMPONENTS

**Compact-size
pump for
UL-listed
fuels and oils**

Graco UL-listed diaphragm pumps are made with smooth aluminum passages that provide high flow rates for low and high viscosity fluids. These pumps also include a state-of-the-art air valve design that is tolerant to most airline contaminants and is easily serviceable without disassembly of the wetted parts.

The Graco 1040 air-operated diaphragm pumps are UL-listed for use with petroleum products. Installation and use must be in accordance with the Flammable and Combustible Liquids Code (NFPA 30) and Automotive and Marine Service Station Code (NFPA 30A) and must comply with all local, state and federal codes.

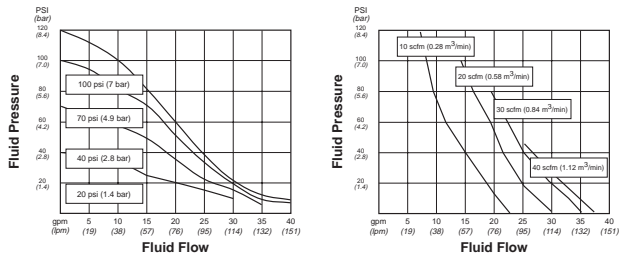
Fluids to be Pumped	Type of Application	
	Fuel Transfer (pumps w/out 50 psi relief valve)	Fuel Dispense or Low Pressure Transfer (pumps w/ 50 psi relief valve)
<ul style="list-style-type: none"> • Leaded Gasoline* • Diesel Fuel • Kerosene • Aviation Fuel • Ethanol • Methanol 	<p>Order No. 236-265</p> <p><i>Also recommended for crankcase oil evacuation</i></p>	<p>Order No. 236-267</p>
<ul style="list-style-type: none"> • Unleaded Gasoline* • Leaded Gasoline* • Diesel Fuel • Kerosene • Aviation Fuel • Ethanol • Methanol 	<p>Order No. 236-266</p>	<p>Order No. 236-268</p>

* Including 15, 30, 50 & 85% alcohol

Technical Specifications

- Maximum fluid pressure**
 236-267, 236-268 50 psi (3.5 bar, 0.35 MPa)
 236-265, 236-266 120 psi (8.4 bar, 0.84 MPa)
- Maximum free flow delivery** 40 gpm (151 l/min)
- Maximum pump speed** 276 cpm
- Gallons (liters) per cycle** 0.15 (0.57)
- Maximum size pumpable solids** 1/8 in. (3.2 mm)
- Maximum suction lift – wet or dry** 18 ft. (5.48 m)
- Air pressure operating range**
 236-267, 236-268 . . . 20-50 psi (1.4-3.5 bar, 0.14-0.35 MPa)
 236-265, 236-266 . . 20-120 psi (1.4-8.4 bar, 0.14-0.84 MPa)
- Maximum operating temperature** 150°F (65.5°C)
- Typical noise level (at 70 psi, 50 cpm)** 78 dBA
- Air inlet** 1/2 npt(f)
- Fluid inlet** 1 npt(f)
- Fluid outlet** 1 npt(f)
- Weight** 18 lbs. (8.2 kg)
- Dimensions (w/out relief valve)** 12 in. W x 14 in. H x 9-1/2 in. D
 (304.8 mm W x 355.6 mm H x 235 mm D)
- Mounting hole layout** 5 in. x 5-1/2 in.
- Wall bracket mounting hole pattern** . 6.24 in. W x 5.38 in. H
 (158.5 mm W x 136.7 mm H)
- Instruction manual** 308-326

Pump Performance



Ordering Information

Material	236-265	236-266	236-267	236-268
Body (wetted)	Alum	Alum	Alum	Alum
Diaphragm	Hytrel	Viton	Hytrel	Viton
Check-ball	Acetal	Viton	Acetal	Viton
Seat	Hytrel	Viton	Hytrel	Viton

50 psi (3.5 bar, 0.35 MPa) relief included?
 no no yes yes

1040 Pump Accessories

- 106-149 Air Line Filter**
 Max. working pressure: 250 psi (17.5 bar, 1.75 MPa).
 1/2 npt(f). Reusable 20 micron filter and drain cock.
- 104-266 Air Regulator**
 Max. working pressure: 300 psi (21 bar, 2.1 MPa).
 Adjustment range: 0-250 psi (0-17.5 bar). 1/2 npt(f).
- 214-848 Air Line Lubricator**
 Max. working pressure: 250 psi (17.5 bar, 1.75 MPa). 1/2 npt(f).
- 217-072 Filter/Regulator/Lubricator Assembly**
 Max. working pressure: 250 psi (17.5 bar, 1.75 MPa).
 1/2 npt(f) inlet and outlet.
- 100-960 Air Regulator Gauge**
 Max. working pressure: 200 psi (14 bar, 1.4 MPa). 1/4 npt(m).
- Air Line Quick Disconnect Coupler**
110-199 Coupler 1/2 npt(f).
110-196 Fitting 1/2 npt(m).
- 110-225 Bleed-Type Master Air Valve**
 Max. working pressure: 300 psi (21 bar, 2.1 MPa).
 1/2 npt(f) inlet and outlet.
- 235-409 Fluid Pressure Relief Valve Kit**
 50 psi (10.5 bar, 1.05 MPa) venting pressure. For use with
 pumps 235-265 and 235-266 only.
- 221-169 Groundable Air Hose**
 Max. working pressure: 180 psi (12.6 bar, 1.26 MPa).
 Buna-S core, Buna-N cover. 1/2 in. (13 mm) ID.
 Length: 10 in. (254 mm)
- 189-233 Wall Mounting Bracket**
- 222-011 Grounding Wire and Clamp**
 25 ft. (7.6 m) long, 12 ga. (1.5 mm²).
- 109-064 Groundable Fluid Hose**
 Max. working pressure: 1000 psi (70 bar, 7.0 MPa).
 Nitrile core, nitrile cover, 1 in. (25 mm) ID, 1 npt(mbe),
 28 in. (0.7 m) long.
- Fluid Drain Valve**
 Max. working pressure: 500 psi (35 bar, 3.5 MPa).
 208-391 Steel and Teflon, 3/8 npt(mxf)
- Fluid Shutoff Valves, CS**
 512-152 1 npt(fbe), 2000 psi (140 bar, 1.40 MPa)
- Fluid Suction Line Assemblies, using a 55 gal. (200 liter) drum**
 For bung-mounted transfer applications, order:
157-785 Swivel Union
158-555 Nipple
206-266 Suction Tube
 For wall-mounted transfer applications, order:
158-586 Bushing
223-009 Suction Tube
- 236-452 Rubber Foot Kit**
 Install on pump feet to reduce noise and vibration.