

Process Pump Selector



Power Source:	Air Operated
Certification Required:	ATEX
Fluid Section Material:	[A] Aluminum
Pump Inlet/Outlet Size:	1590 - 1.5 Inch, 90 gpm (38mm, 341 lpm)
Center Section:	[A01A] Aluminum Standard Air Valve w/Buna Seals
Porting:	[A2] Aluminum Standard Porting (BSPT)
Seats:	[BN] Buna
Balls:	[BN] Buna
Diaphragms:	[BN] Buna
Manifold O-Rings:	-



Graco Part Number: DBC777

Configuration Number: 1590A-A01AA2BNBNBN-

Repair Kits

D0B700 - Kit, 1590 Seat, Buna

D0B070 - Kit, 1590 Ball, Buna

D0B007 - Kit, 1590 Diaphragm, Buna

236273 - Kit, 1590 Air Valve

D0B777 - Kit, 1590 Fluid Section Rebuild

24V543 - Kit, 1590 Diaphragm Install Tool

Optional Accessories

Air Controls

Regulator/Filter Assembly 1/2" npt(f) (12.7 mm)	246947
Quick Connect Air Coupler 1/2" npt (12.7 mm)	110199
Quick Connect Air Nipple 1/2" npt (12.7 mm) mbe	110196
Air Shut Off Valve 1/2" npt, bleed type	110225
Air Runaway Valve	224040
Air Muffler	102656
SST Center Section Conversion Kit	246451

55 Gallon Siphon Kit

Carbon Steel Tube and Polyethylene Hose & Couplings	222916
---	--------

Remote Pump Controllers

CycleFlo 120V	195264
CycleFlo 240V	196706
CycleFlo II 120V	195265

Surge Suppressors

Automatic Husky 2000 (2"): Polypropylene with Buna N Bladder	239092
Automatic Husky 2000 (2"): Polypropylene with PTFE Bellows	239128
Automatic Husky 2000 (2"): SST with Buna N Bladder	239093
Automatic Husky 2000 (2"): SST with PTFE Bellows	239126
Automatic Husky 2000 (2"): SST with Fluoroelastomer Bladder	239127
Adjustable Husky 2000 (2"): Polypropylene with Buna N Bladder	239087
Adjustable Husky 2000 (2"): Polypropylene with PTFE Bellows	239136
Adjustable Husky 2000 (2"): SST with Buna N Bladder	239088
Adjustable Husky 2000 (2"): SST with PTFE Bellows	239134
Adjustable Husky 2000 (2"): SST with Fluoroelastomer Bladder	239135

PTFE/EPDM Overmolded Diaphragms

Overmolded PTFE Upgrade Kit Husky 1590	289225
--	--------

Leak Detector

Polypropylene Housings with PVC Wetted Parts	239080
Shut Off Valve Kit (used in conjunction with 239080)	113870

Flange Kits

Polypropylene 1.5" ANSI x 1.5" npt(f)

239006

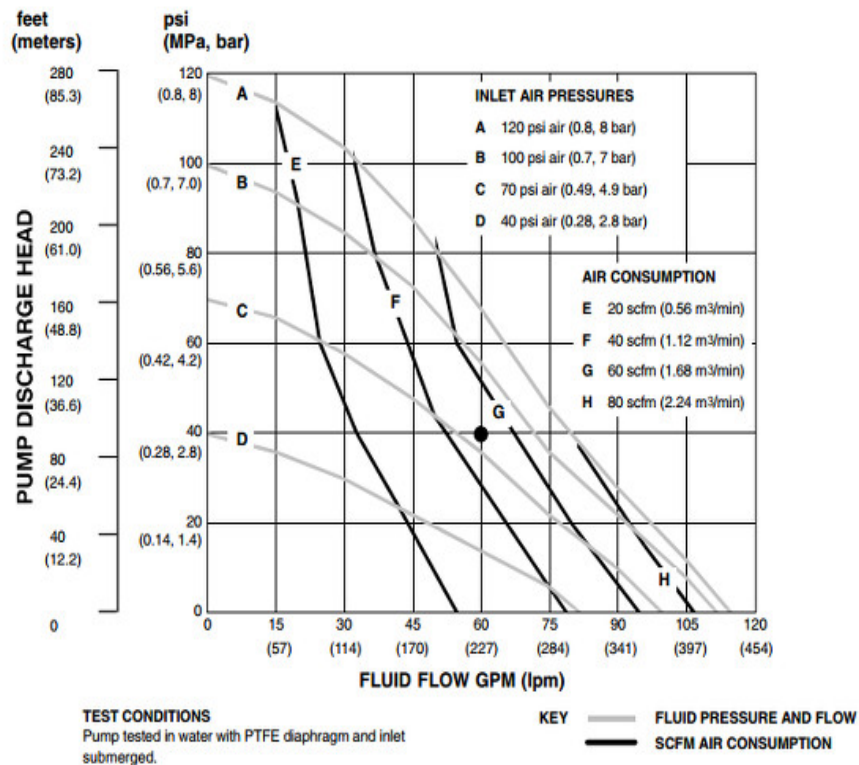
PVDF 1.5" ANSI x 1.5" npt(f)

239010

Performance Chart

Metal

Example of Finding Pump Air Consumption and Air Pressure at a Specific Fluid Delivery and Discharge Head:
To supply 60 gpm (227 liters) fluid flow (horizontal scale) at 40 psi (0.28 MPa, 2.8 bar) discharge head pressure (vertical scale) requires approximately 50 scfm (1.40 m³/min) air consumption at 70 psi (0.49 MPa, 4.9 bar) inlet air pressure.



Plastic

Example of Finding Pump Air Consumption and Air Pressure at a Specific Fluid Delivery and Discharge Head:
To supply 60 gpm (227 liters) fluid flow (horizontal scale) at 40 psi (0.28 MPa, 2.8 bar) discharge head pressure (vertical scale) requires approximately 50 scfm (1.40 m³/min) air consumption at 70 psi (0.49 MPa, 4.9 bar) inlet air pressure.

