

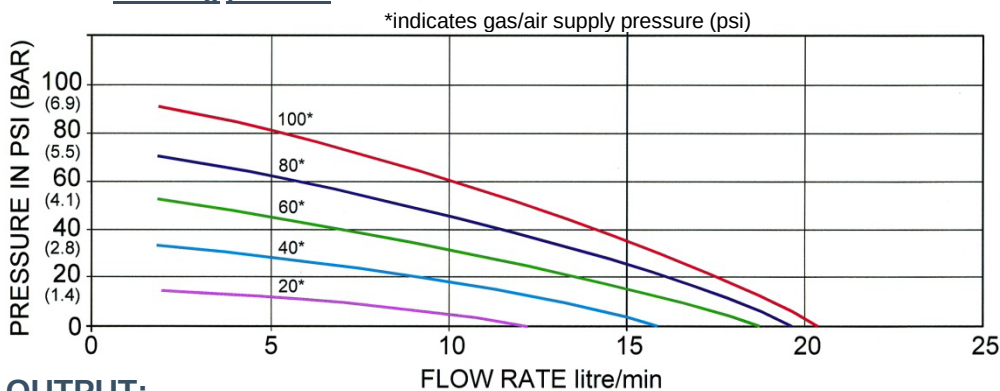
FLOJET®

G57 SERIES

Air Operated Diaphragm Pump



Working position



OUTPUT:

Self primes up to 4.5m

Flow rates up to 21 litres/minute (4.6 gallons/minute).

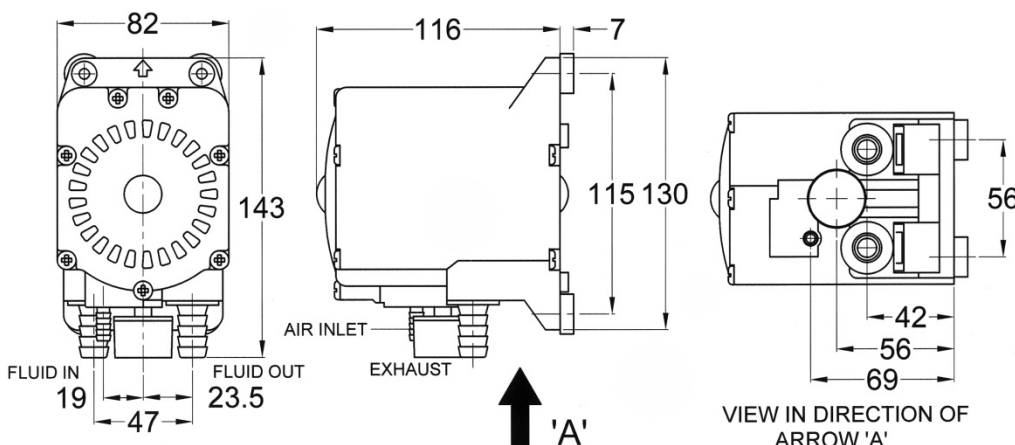
MATERIALS OF CONSTRUCTION:

Pump head: Glass-filled Polypropylene

MODEL	DIAPHRAGM & VALVES	VALVE SPRINGS	'O' RINGS	LIQUID PORTS
G573215A	Viton®	Hastelloy	Viton®	13mm (½") Straight hose barb
G573235A	Viton®	Hastelloy	Viton®	9 -13mm (⅜ – ½") 90° hose barb
G575005A	Santoprene®	Hastelloy	EPDM	Ports not fitted
G575205A	Santoprene®	Hastelloy	EPDM	9mm (⅜) Straight hose barb
G575215A	Santoprene®	Hastelloy	EPDM	13mm (½") Straight hose barb
G575235A	Santoprene®	Hastelloy	EPDM	9 -13mm (⅜ – ½") 90° hose barb

Air/gas inlet port: 6mm (¼") hose)

WEIGHT: 0.54 Kg



- ◆ Capable of Air or CO₂ drive pressures up to 100PSI (6.9bar)
- ◆ Run dry capability
- ◆ Fluid temperature range up to 49°C (120°F)
- ◆ Patented Shuttle Valve, eliminates stalling
- ◆ Capable of passing solids up to 3.2mm in diameter.
- ◆ Corrosion resistant materials capable of handling a wide range of chemicals
- ◆ Other elastomers available
- ◆ Large exhaust silencer
- ◆ Ease of Installation with all quick disconnect ports



WARNING

**DO NOT PUMP
GASOLINE OR**

**FLAMMABLE LIQUIDS OR
USE WHERE FLAMMABLE
VAPOURS ARE PRESENT**

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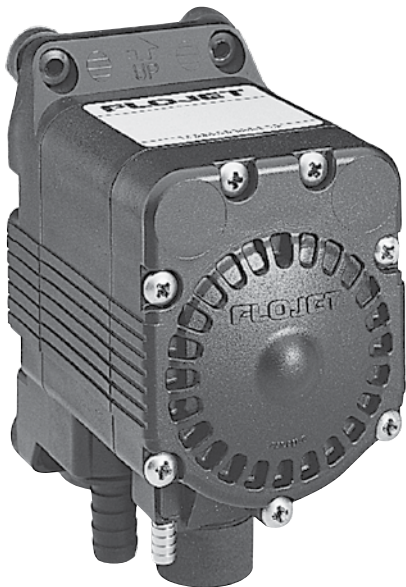
xylem
Let's Solve Water

AIR DRIVEN



G57 SERIES | FOR INTERNATIONAL & US MARKETS

Innovative compact design features a patented shuttle valve that eliminates stalling and provides a long life. Chemically resistant Polypropylene body with a choice of Santoprene®, Viton® or Kalrez® elastomers. Quick disconnect liquid and gas port fittings for easy installation.



FEATURES

- Highest flow rate for any air pump of comparable size
- Stall proof design with patented shuttle valve
- Easy installation with all quick disconnect ports
- Robust design with durable integral mounting
- Sanitary design with inset molded diaphragm
- Leak resistant radial seals, no critical O-ring seals
- Quiet operation with large exhaust muffler

SPECIFICATIONS

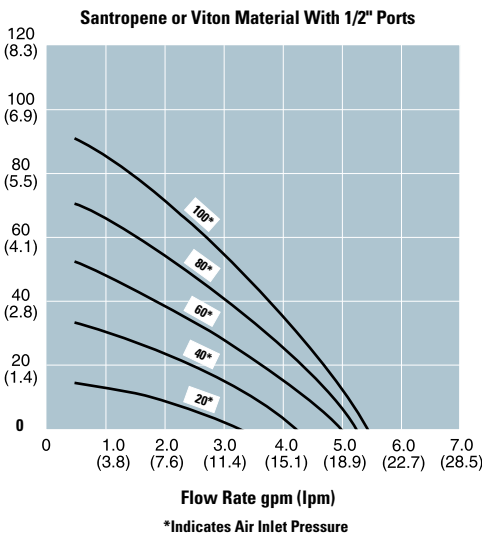
Pump	Air operated positive displacement double diaphragm pump
Flow Rate	Up to 5 gpm (19 lpm)
Pressure	20 to 100 PSI (1.38 to 8.27 bar) (Same as inlet air pressure)
Ports	Liquid 3/8" (114.3mm), 1/2" (152.4mm) and 3/4" (228.6mm) HB Liquid 3/8" (152.4mm) and 1/2" (152.4mm) MNPT Air Inlet 1/4" (76.2mm) HB
WETTED PARTS	
Body	Polypropylene
Diaphragm	Santoprene®, Viton® or Kalrez®
Check Valves	Santoprene®, Viton®, or Viton Extreme
Springs	Hasteloy C
Net Weight	1.2 pounds (0.54 kg.)

Santoprene and Viton: INST. SHEET # 82000-014

Kalrez: INST. SHEET # 81000-439

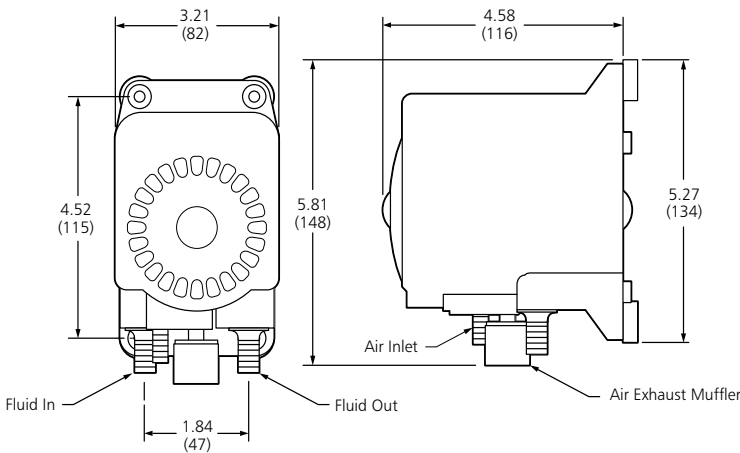
Kalrez® and Viton® Extreme are trademarks or registered trademarks of DuPont Performance Elastomers.

PERFORMANCE



DIMENSIONAL DRAWING

UNLESS OTHERWISE STATED DIMENSIONS IN [] ARE IN MM.



G57 SERIES | FOR INTERNATIONAL & US MARKETS

MODELS

MODEL #S	DIAPHRAGM	CHECK VALVE	LIQUID FITTINGS IN. (MM)	AIR INLET	MAX OPEN FLOW GPM (LPM)	COMMENTS
G573000	Viton	Polypropylene	NONE	NONE	5.0 (19.0)	
G573205	Viton	Polypropylene	1/2-3/8" HB ST (10-13mm)	1/4" HB Brass	5.0 (19.0)	
G573215	Viton	Polypropylene	1/2" HB ST (12.7)	1/4" HB Brass	5.0 (19.0)	
G573225	Viton	Polypropylene	3/4" HB ST (19)	1/4" HB Brass	5.0 (19.0)	
G573145	Viton	Polypropylene	1/2" OD JG (12.7)	1/4" HB Brass	5.0 (19.0)	
G573185	Viton	Polypropylene	3/8" MNPT ST (9.5)	1/4" HB Brass	5.0 (19.0)	
G573175	Viton	Polypropylene	1/2" MNPT ST (12.7)	1/4" HB Brass	5.0 (19.0)	
G575005	Santoprene	Polypropylene	NONE	1/4" HB Brass	5.0 (19.0)	
G575205	Santoprene	Polypropylene	3/8" HB ST (10/13 mm)	1/4" HB Brass	5.0 (19.0)	
G575215	Santoprene	Polypropylene	1/2" HB ST (12.7)	1/4" HB Brass	5.0 (19.0)	
G575225	Santoprene	Polypropylene	3/4" HB ST (19)	1/4" HB Brass	5.0 (19.0)	
G575145	Santoprene	Polypropylene	1/2" OD JG (12.7)	1/4" HB Brass	5.0 (19.0)	
G575185	Santoprene	Polypropylene	3/8" MNPT ST (9.5)	1/4" HB Brass	5.0 (19.0)	
G575175	Santoprene	Polypropylene	1/2" MNPT ST (12.7)	1/4" HB Brass	5.0 (19.0)	
G57C002	Kalrez	Polypropylene	NONE	1/4" HB Brass	5.0 (19.0)	
G57C202	Kalrez	Polypropylene	1/2-3/8" HB ST (10-13mm)	1/4" HB Brass	5.0 (19.0)	
G57C203	Kalrez	Polypropylene	1/2-3/8" HB ST (10-13mm)	1/4" HB EL Brass	5.0 (19.0)	
G57C212	Kalrez	Polypropylene	1/2" HB ST (12.7)	1/4" HB Brass	5.0 (19.0)	
G57C213	Kalrez	Polypropylene	1/2" HB ST (12.7)	1/4" HB EL Brass	5.0 (19.0)	
G57C222	Kalrez	Polypropylene	3/4" HB ST (19)	1/4" HB Brass	5.0 (19.0)	
G57C223	Kalrez	Polypropylene	3/4" HB ST (19)	1/4" HB EL Brass	5.0 (19.0)	
G57C182	Kalrez	Polypropylene	3/8" MNPT ST (9.5)	1/4" HB Brass	5.0 (19.0)	
G57C172	Kalrez	Polypropylene	1/2" MNPT ST (12.7)	1/4" HB Brass	5.0 (19.0)	
G57C152	Kalrez	Polypropylene	3/8" OD JG (9.5)	1/4" HB Brass	5.0 (19.0)	
G57C412	Kalrez	Polypropylene	1/2" OD JG (12.7)	1/4" HB Brass	5.0 (19.0)	

G57 SERIES AIR OPERATED DIAPHRAGM PUMP

Model No.	Max. Flow GPM (LPM)	Diaphragm	Check Valve	Check Valve	Check Valve Spring	Liquid IN	Liquid OUT	Gas Inlet Fitting	Body Material	Compliance
			Body	Seal / O-Ring						
G573000	5 (19)	FKM	FKM / PP	FKM	Hastelloy	None	None	None	GF PP	CE
G573005	5 (19)	FKM	FKM / PP	FKM	Hastelloy	None	None	1/4" HB Strt	GF PP	CE
G573145	5 (19)	FKM	FKM / PP	FKM	Hastelloy	1/2" (13) JG	1/2" (13) JG	1/4 HB Strt	GF PP	CE
G573175	5 (19)	FKM	FKM / PP	FKM	Hastelloy	1/2 STRAIGHT NPT	1/2 STRAIGHT NPT	1/4 HB Strt	GF PP	CE
G573185	5 (19)	FKM	FKM / PP	FKM	Hastelloy	3/8 STRAIGHT NPT	3/8 STRAIGHT NPT	1/4 HB Strt	GF PP	CE
G573202	5 (19)	FKM	FKM / PP	FKM	Hastelloy	3/8 ST HB (10-13mm)	3/8 ST HB (10-13mm)	1/4 HB Strt	GF PP	CE
G573205	5 (19)	FKM	FKM / PP	FKM	Hastelloy	3/8 ST HB (10-13mm)	3/8 ST HB (10-13mm)	1/4 HB Strt	GF PP	CE
G573206	5 (19)	FKM	FKM / PP	FKM	Hastelloy	3/8 ST HB (10-13mm)	3/8 ST HB (10-13mm)	1/4 HB EL	GF PP	CE
G573208	5 (19)	FKM	FKM / PP	FKM	Hastelloy	3/8 ST HB (10-13mm)	3/8 ST HB (10-13mm)	1/4 HB Strt	GF PP	CE
G57320GA	5 (19)	FKM	FKM / PP	FKM	Hastelloy	3/8 ST HB (10-13mm)	3/8 ST HB (10-13mm)	1/4 HB Strt	GF PP	CE
G573212	5 (19)	FKM	FKM / PP	FKM	Hastelloy	1/2 STRAIGHT HB	1/2 STRAIGHT HB	1/4 HB Strt	GF PP	CE
G573215	5 (19)	FKM	FKM / PP	FKM	Hastelloy	1/2 STRAIGHT HB	1/2 STRAIGHT HB	1/4 HB Strt	GF PP	CE
G573215	5 (19)	FKM	FKM / PP	FKM	Hastelloy	1/2 STRAIGHT HB	1/2 STRAIGHT HB	1/4 HB Strt	GF PP	CE
G573218	5 (19)	FKM	FKM / PP	FKM	Hastelloy	1/2 STRAIGHT HB	1/2 STRAIGHT HB	1/4 HB Strt	GF PP	CE
G57321G	5 (19)	FKM	FKM / PP	FKM	Hastelloy	1/2 STRAIGHT HB	1/2 STRAIGHT HB	1/4 HB Strt	GF PP	CE
G573225	5 (19)	FKM	FKM / PP	FKM	Hastelloy	3/4 STRAIGHT HB	3/4 STRAIGHT HB	1/4 HB Strt	GF PP	CE
G573235	5 (19)	FKM	FKM / PP	FKM	Hastelloy	3/8 EL HB (10-13mm)	3/8 EL HB (10-13mm)	1/4 HB Strt	GF PP	CE
G573236	5 (19)	FKM	FKM / PP	FKM	Hastelloy	3/8 EL HB (10-13mm)	3/8 EL HB (10-13mm)	1/4 HB Strt	GF PP	CE
G573256	5 (19)	FKM	FKM / PP	FKM	Hastelloy	1/2 ELBOW HB	1/2 ELBOW HB	1/4 HB EL	GF PP	CE
G575000	5 (19)	EP/PP Blend	PP-EP Bland / PP	EP	Hastelloy	None	None	None	GF PP	CE
G575005	5 (19)	EP/PP Blend	PP-EP Bland / PP	EP	Hastelloy	None	None	1/4" HB Strt	GF PP	CE
G575145	5 (19)	EP/PP Blend	PP-EP Bland / PP	EP	Hastelloy	1/2" (13) JG	1/2" (13) JG	1/4 HB Strt	GF PP	CE
G575155	5 (19)	EP/PP Blend	PP-EP Bland / PP	EP	Hastelloy	1/2 STRAIGHT HB	3/8 JG	1/4 HB Strt	GF PP	CE
G575175	5 (19)	EP/PP Blend	PP-EP Bland / PP	EP	Hastelloy	1/2 STRAIGHT NPT	1/2 STRAIGHT NPT	1/4 HB Strt	GF PP	CE
G575202	5 (19)	EP/PP Blend	PP-EP Bland / PP	EP	Hastelloy	3/8 ST HB (10-13mm)	3/8 ST HB (10-13mm)	1/4 HB Strt	GF PP	CE
G575205	5 (19)	EP/PP Blend	PP-EP Bland / PP	EP	Hastelloy	3/8 ST HB (10-13mm)	3/8 ST HB (10-13mm)	1/4 HB Strt	GF PP	CE
G575207	5 (19)	EP/PP Blend	PP-EP Bland / PP	EP	Hastelloy	3/8 ST HB (10-13mm)	3/8 ST HB (10-13mm)	1/4 HB Strt	GF PP	CE
G575208	5 (19)	EP/PP Blend	PP-EP Bland / PP	EP	Hastelloy	3/8 ST HB (10-13mm)	3/8 ST HB (10-13mm)	1/4 HB Strt	GF PP	CE
G57520GA	5 (19)	EP/PP Blend	PP-EP Bland / PP	EP	Hastelloy	3/8 ST HB (10-13mm)	3/8 ST HB (10-13mm)	1/4 HB Strt	GF PP	CE
G575215	5 (19)	EP/PP Blend	PP-EP Bland / PP	EP	Hastelloy	1/2 STRAIGHT HB	1/2 STRAIGHT HB	1/4 HB Strt	GF PP	CE
G575218	5 (19)	EP/PP Blend	PP-EP Bland / PP	EP	Hastelloy	1/2 STRAIGHT HB	1/2 STRAIGHT HB	1/4 HB Strt	GF PP	CE
G57521G	5 (19)	EP/PP Blend	PP-EP Bland / PP	EP	Hastelloy	1/2 STRAIGHT HB	1/2 STRAIGHT HB	1/4 HB Strt	GF PP	CE
G575225	5 (19)	EP/PP Blend	PP-EP Bland / PP	EP	Hastelloy	3/4 STRAIGHT HB	3/4 STRAIGHT HB	1/4 HB Strt	GF PP	CE
G575235	5 (19)	EP/PP Blend	PP-EP Bland / PP	EP	Hastelloy	3/8 EL HB (10-13mm)	3/8 EL HB (10-13mm)	1/4 HB Strt	GF PP	CE
G57C142	5 (19)	FFKM	PP / PP	Viton Extreme	me O-ring	1/2" (13) JG	1/2" (13) JG	1/4 HB Strt	GF PP	CE
G57C172	5 (19)	FFKM	PP / PP	Viton Extreme	me O-ring	1/2 STRAIGHT NPT	1/2 STRAIGHT NPT	1/4 HB Strt	GF PP	CE
G57C182	5 (19)	FFKM	PP / PP	Viton Extreme	me O-ring	3/8 STRAIGHT NPT	3/8 STRAIGHT NPT	1/4 HB Strt	GF PP	CE

Model No.	Max. Flow GPM (LPM)	Diaphragm	Check Valve	Check Valve	Check Valve Spring	Liquid IN	Liquid OUT	Gas Inlet Fitting	Body Material	Compliance
			Body	Seal / O-Ring						
G57C202	5 (19)	FFKM	PP / PP	Viton Extreme	me O-ring	3/8 ST HB (10-13mm)	3/8 ST HB (10-13mm)	1/4 HB Strt	GF PP	CE
G57C20GA	5 (19)	FFKM	PP / PP	Viton Extreme	me O-ring	3/8 ST HB (10-13mm)	3/8 ST HB (10-13mm)	1/4 HB Strt	GF PP	CE
G57C212	5 (19)	FFKM	PP / PP	Viton Extreme	me O-ring	1/2 STRAIGHT HB	1/2 STRAIGHT HB	1/4 HB Strt	GF PP	CE
G57C222	5 (19)	FFKM	PP / PP	Viton Extreme	me O-ring	3/4 STRAIGHT HB	3/4 STRAIGHT HB	1/4 HB Strt	GF PP	CE
G57C223	5 (19)	FFKM	PP / PP	Viton Extreme	me O-ring	3/4 STRAIGHT HB	3/4 STRAIGHT HB	1/4 HB Strt	GF PP	CE
G57D202	5 (19)	EP/PP Blend	PP / PP	Viton Extreme	me O-ring	3/8 ST HB (10-13mm)	3/8 ST HB (10-13mm)	1/4 HB Strt	GF PP	CE
G57K16K	5 (19)	FFKM	Nylon / Nylon	Viton Extreme	me O-ring	3/8 ST HB (10-13mm)	3/8 ST HB (10-13mm)	1/4 JG No CV	GF PP	CE