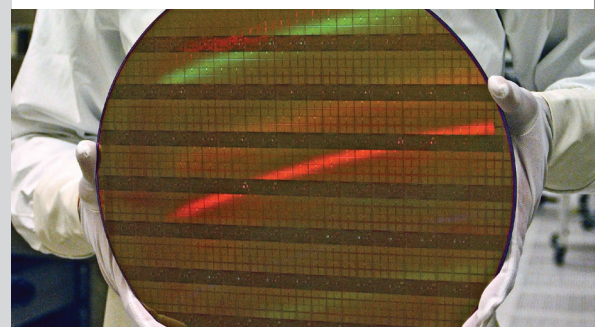




FURON®
Pure Performance



Furon® High Flow Pump

Air Operated, High Purity Fluoropolymer Bellows Pump (100 lpm/26 gpm)

Description

Furon High Flow Pumps are designed based on 20 years of experience in handling ultra-high purity media for the semiconductor industry.

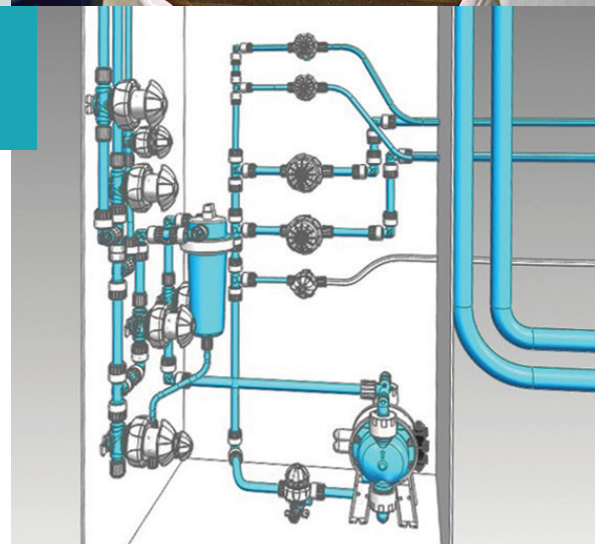
Our pumps are constructed with no metal parts. All wetted parts are manufactured from high purity PFA and PTFE and are suitable for pumping even the most aggressive chemicals. All other (non-wetted) components are manufactured from advanced engineering thermoplastics and for some include fiber reinforcement to enable premium performance even at elevated temperatures.

Furon High Flow Pumps are self-priming, providing an easy installation and setup for a high purity 100% metal-free pump.

Furon High Flow Pumps come with a 1 year factory warranty which can be extended through the use of the proper PM kit.

Applications

- Transfer of ultrapure acids and hot ultrapure acids and other chemistry used in the semiconductor industry



Features and Benefits

- No metal parts
- Liquid Oring-free design
- 100% high purity PFA and PTFE wetted flow path
- Self-priming
- Maintenance friendly design
- Adjustable pump rate up to 100 lpm (26 gpm)
- For liquid temperature up to 100°C (212°F)
- Easy to install thanks to its low weight

ASK AN ENGINEER


SAINT-GOBAIN

Furon High Flow Pump

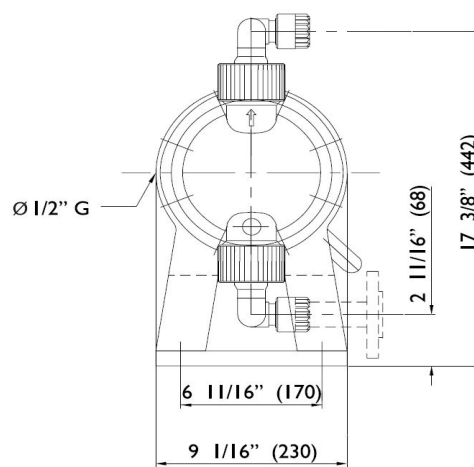
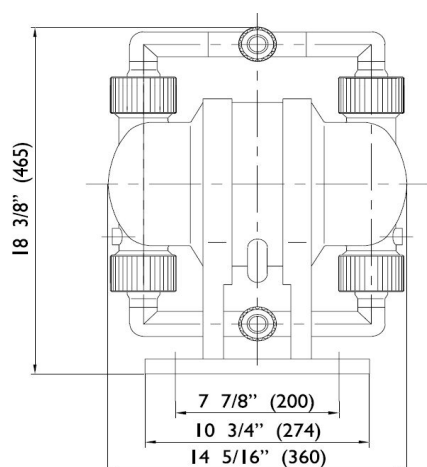
Part Number	Liquid Type	Maximum Flow Capacity	Connection Type & Size	Maximum Suction Head	Maximum Air Pressure*	Maximum Air Consumption	Maximum Back Pressure	Maximum Temperature	Weight
PFD4 322GZ	Chemical	26 gpm (100 lpm)	1" Flare	13 ft (4 m)	72.5 psi (5 bar)	23.5 SCFM (40 m³/h)	58 psi (4 bar)	212° F (100° C)	32.5 lbs (15 kg)
PFD4 3T16GZ			1" Tube						
PFS4 322GZ	Slurry		1" Flare						
PFS4 3T16GZ			1" Tube						

* [Please consult factory](#) for use with higher pressure. Maximum pressure is directly related to the media temperature and has to be adjusted in agreement.

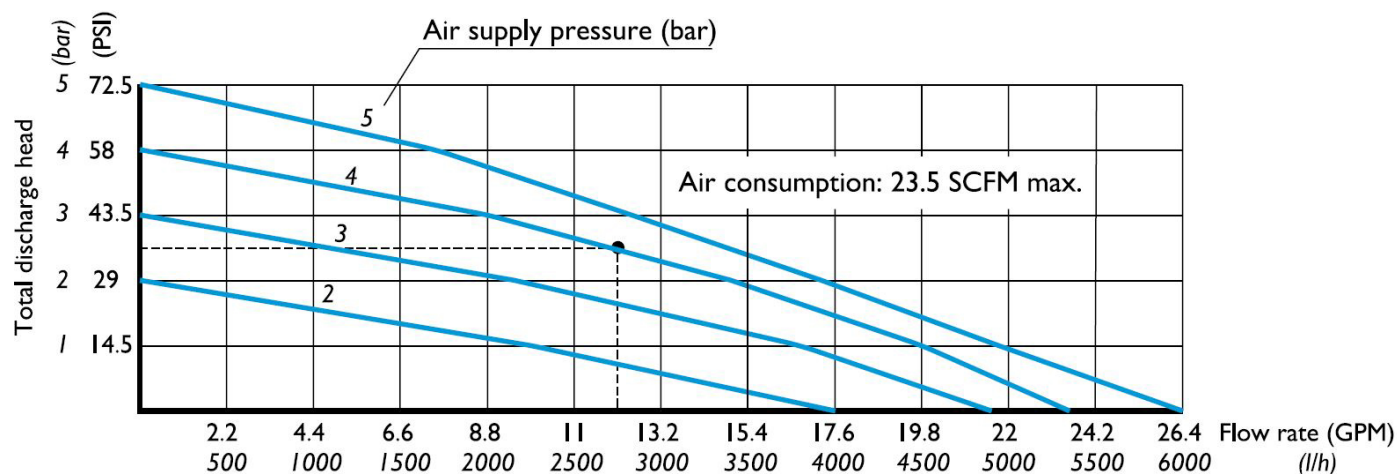
Furon High Flow Damper

Part Number	Liquid Type	Connection Type & Size	End Connection Orientation	Weight	Dimension
AMC4 122GZ	Chemical	1" Flare	Straight / Straight	22 lbs (10 kg)	Please consult the factory for drawing
AMC4 222GZ			Straight / Elbow		
AMC4 322GZ			Elbow / Elbow		
AMC4 1T16GZ		1" Tube	Straight / Straight		
AMC4 2T16GZ			Straight / Elbow		
AMC4 3T16GZ			Elbow / Elbow		
AMS4 122GZ	Slurry	1" Flare	Straight / Straight		
AMS4 222GZ			Straight / Elbow		
AMS4 322GZ			Elbow / Elbow		
AMS4 1T16GZ		1" Tube	Straight / Straight		
AMS4 2T16GZ			Straight / Elbow		
AMS4 3T16GZ			Elbow / Elbow		

Dimensions



Flow Capacity



Example

Air supply pressure: 58 psi (4 bar)
 Discharge head: 36 psi (2.5 bar)
 Flow rate: 12.1 (2750 l/h)



Saint-Gobain Performance Plastics

7301 Orangewood Avenue
 Garden Grove, CA 92841

1-800-833-5661
 Tel: (714) 630-5818
 Fax: (714) 688-2614

Saint-Gobain Performance Plastics - France

56, Chemin des Berthilliers
 71850 Charnay-lès-Mâcon, France

Tel: (33) 3-85-20-27-00
 Fax: (33) 3-85-29-18-48

www.processsystems.saint-gobain.com

NOTE: The data and details given in this document are correct and up to date. This document is intended to provide information about the product and possible applications. This document is not the product specification and does not provide specific features, nor does it guarantee product performance in specific applications. Saint-Gobain cannot anticipate or control the conditions of the field and for this reason strongly recommends that practical tests are conducted to ensure that the product meets the requirements of a specific application.

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