



FURON®
Pure Performance

Furon® High Temperature Pump

Air Operated, High Purity Fluoropolymer Bellows Pump (20 lpm/5gpm; 50 lpm/13gpm)

Description

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

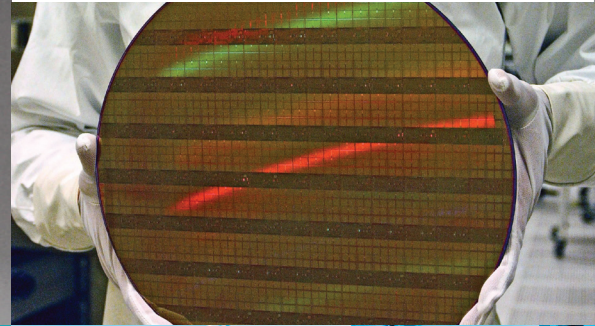
Our pumps are constructed with no metal parts. All wetted parts are manufactured from high-purity PFA and PTFE and are suitable for pumping even most aggressive chemicals. All other (non-wetted) components are manufactured from advanced engineering thermoplastics including for some of them some fiber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

The self priming capability of our product for a high purity 100% metal free pump provide an easy installation and setup.

Furon High Temperature Pumps come with a 12 month factory warranty which can be extended through the use of the proper PM kit.

Applications

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



Features and Benefits

- No metal parts
- 100% High Purity PFA and PTFE wetted flow path.
- Self Priming
- Maintenance friendly design
- For liquid temperature up to 350°F (180°C)

ASK AN ENGINEER


SAINT-GOBAIN

Furon® High Temperature Pump

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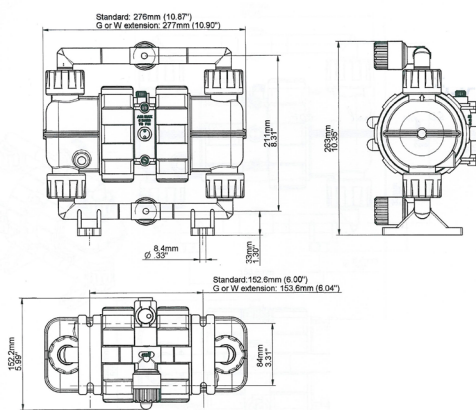
Pump Ordering Information

Part Number	Maximum Flow Rate	Connection Size	Connection Type	Maximum Suction Head	Maximum Air Pressure	Maximum Discharge Pressure	Maximum Temperature*	Weight
PRH2 316F	5 gpm (20 lpm)	3/4"	Flare	12 ft (3.5 m)	72.5 psi (5 bar)	72.5 psi (4.5 bar)	350°F (180°C)	9 lbs (4.5 kg)
PRH2 T12F	5 gpm (20 lpm)	3/4"	Tube End	12 ft (3.5 m)	72.5 psi (5 bar)	72.5 psi (4.5 bar)	350°F (180°C)	9 lbs (4.5 kg)
PRH3 322F	12 gpm (50 lpm)	1"	Flare	14 ft (4 m)	72.5 psi (5 bar)	72.5 psi (4.5 bar)	350°F (180°C)	16 lbs (8 kg)
PRH3 T16F	12 gpm (50 lpm)	1"	Tube End	14 ft (4 m)	72.5 psi (5 bar)	72.5 psi (4.5 bar)	350°F (180°C)	16 lbs (8 kg)

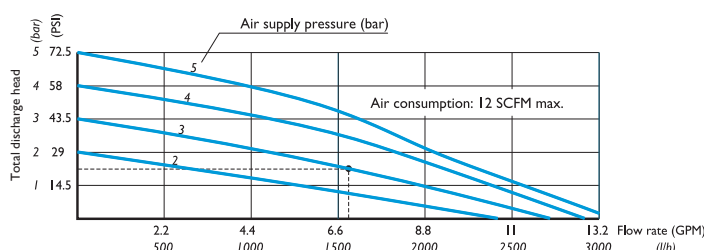
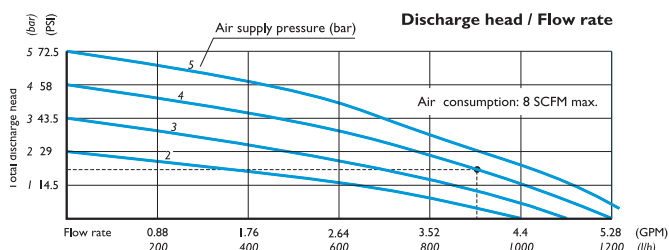
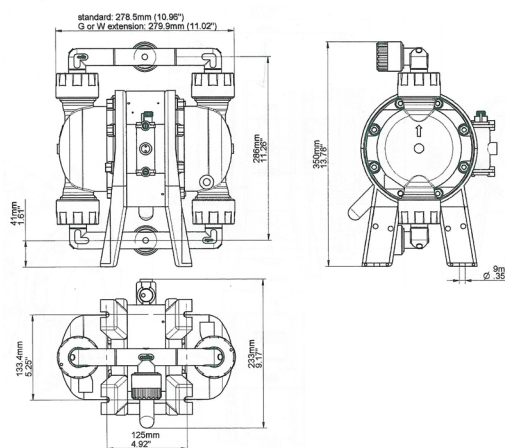
* Max air pressure is directly related to the medium temperature and has to be adjusted in agreement

Dimensions and Flow Capability

PRH2 316F



PRH3 322F



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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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IMPORTANT: It is the user's responsibility to ensure the suitability and safety of Saint-Gobain Performance Plastics products for all intended uses and that the components to be used comply with all applicable regulatory requirements. Saint-Gobain Performance Plastics assumes no responsibility for any product failures that occur due to misuse arising out of the design, fabrication or application of the products into which they are incorporated.

WARRANTY: For a period of 12 months from the date of first sale, Saint-Gobain Performance Plastics warrants this product to be free of defects in materials and workmanship. The only obligation under any applicable product warranty will be to replace any portion proving defective, or at our option, to refund the purchase price thereof. THIS IS THE EXCLUSIVE WARRANTY AND IS EXPRESSLY IN LIEU OF ANY AND ALL OTHER OBLIGATIONS, GUARANTEES, WARRANTIES AND REPRESENTATIONS. SAINT-GOBAIN PERFORMANCE PLASTICS DISCLAIMS ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.