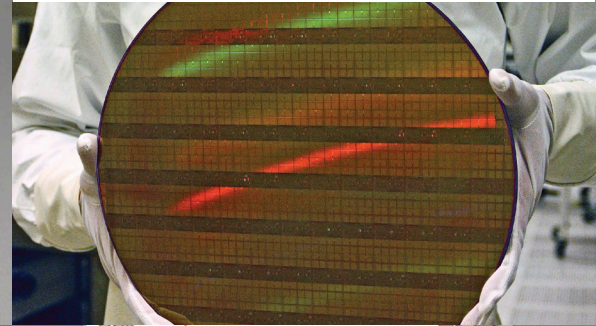




**FURON**<sup>®</sup>  
Pure Performance



# Furon<sup>®</sup> Turbo Pump

## Magnetically Driven Boosting Pump

### Description

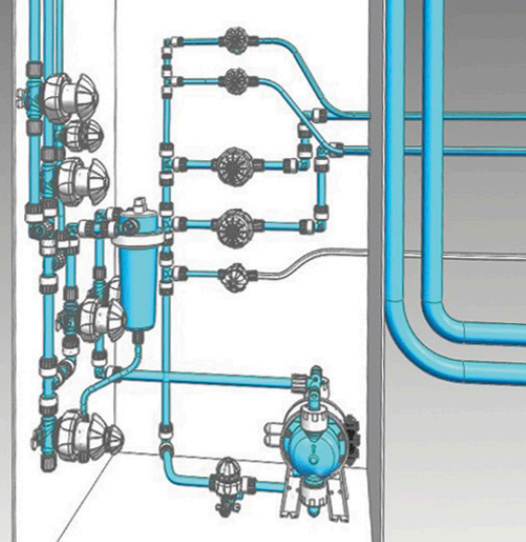
Furon Turbo Pumps are magnetically-driven turbine pumps engineered to boost fluid pressure in deionized (DI) water applications, and with other low viscosity fluids.

With a body and impeller constructed from 100% virgin PTFE, Furon Turbo Pumps are suitable for use in ultra-pure DI water. Inlet pressures ranging from 15 to 60 PSIG (1 to 4 bar) may be boosted to outlet pressures ranging from 90 - 110 PSIG (6.2 - 7.6 bar). Motors are available in several voltage configurations, providing compatibility with all countries.

Furon Turbo Pumps are ideal for use in spray systems, or other applications requiring water line pressures to be boosted for optimal performance.

### Applications

- DI water pressure boosting in spray applications
- Cleaning systems in the Semiconductor industry
- Boosting line pressures in low viscosity fluid applications



### Features and Benefits

- Boosts pressures in low viscosity fluid lines
- 100% virgin PTFE and Alumina Ceramic wetted surfaces
- Non-pulsating output flow
- 100% elastomer free construction

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## Furon Turbo Pump

Part Number	Voltage	End Connection Type	Orifice (in)	Port Size (in)
3000403	115/230 V, 60 Hz, 1 Phase	Coarse Thread Flare	3/4	3/4
3000433	220/440 V, 60 Hz, 3 Phase	Coarse Thread Flare	3/4	3/4
3000426	110/220 V, 50 Hz, 1 Phase	Coarse Thread Flare	3/4	3/4
3000435	220/440 V, 50 Hz, 3 Phase	Coarse Thread Flare	3/4	3/4

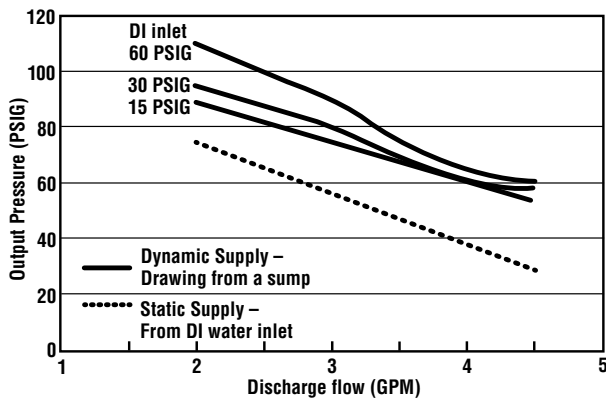
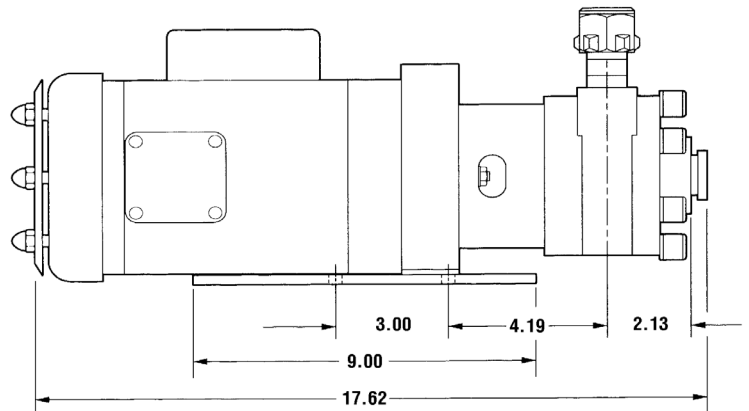
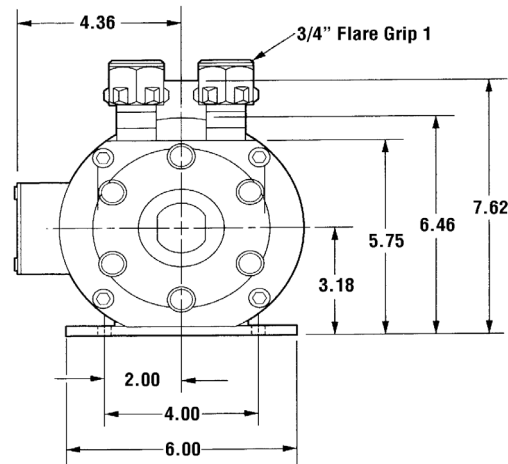
## Operating Specifications

Max. Operating Temperature	Ambient: 149°F (65°C) Media: 122°F (50°C)
Required Inlet Pressure	15 - 60 PSIG (1 - 4 bar)
Maximum Discharge Flow Rate	4.5 GPM (18 lpm)
Power Requirements	See ordering info table
Pump Body	Virgin PTFE
Impeller	Virgin PTFE
Drive Shaft	Alumina Ceramic

## Options

- Other end connections not listed.

[Please consult factory](#) for details.



Curves represent DI water at 20°C and 60Hz operation.



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**NOTE:** This document is intended to provide information about the product to enable you to consider whether generally the Product meets your application need and is not intended to provide product specification. This document should not be considered a Product warranty or guaranty. To the extent this document mentions any tests done by Saint-Gobain, such tests are done under controlled laboratory circumstances and hence other factors in your use and application may impact such values. Saint-Gobain strongly recommends that you conduct practical tests simulating the conditions of your application to ensure that the product meets your requirements for your specific application.

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**WARRANTY:** Saint-Gobain warrants that the Product will meet specifications at the time of delivery and honor such warranty claims for a period of 18 months after delivery. In the event that you are a distributor purchasing Saint-Gobain Product, any change to specification while in your control as a result of storage conditions or otherwise may cause the above warranty to be voided. THIS IS THE EXCLUSIVE WARRANTY AND IS EXPRESSLY IN LIEU OF ANY AND ALL OTHER OBLIGATIONS, GUARANTEES, WARRANTIES AND REPRESENTATIONS. SAINT-GOBAIN DISCLAIMS ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.