



FURON® TURBO PUMP

MAGNETICALLY DRIVEN BOOSTING PUMPS

The Furon Turbo Pump is magnetically-driven turbine pump 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

SPECIFICATIONS

Description	Voltage	End Connection Type	Orifice		Port Size	
			in	mm	in	mm
3000403	115/230 V, 60 Hz, 1 Phase	Coarse Thread Flare	3/4	19.05	3/4	19.05
3000426	110/220 V, 50 Hz, 1 Phase					
3000433	220/440 V, 60 Hz, 3 Phase					
3000435	220/440 V, 50 Hz, 3 Phase					

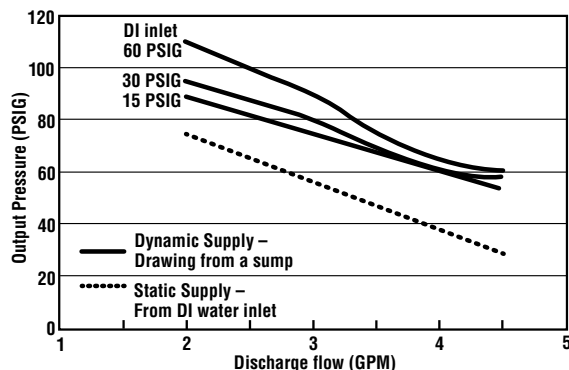
OPTIONS

- Other end connection types available

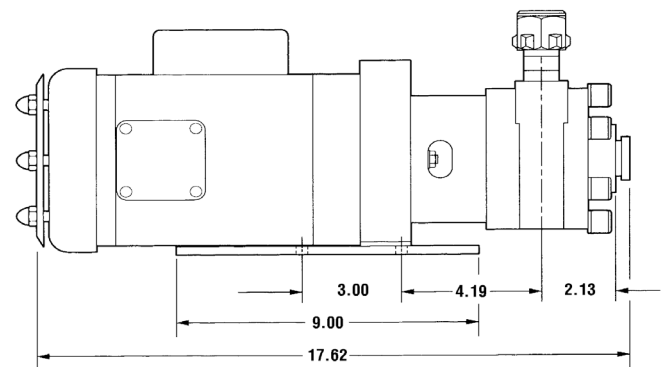
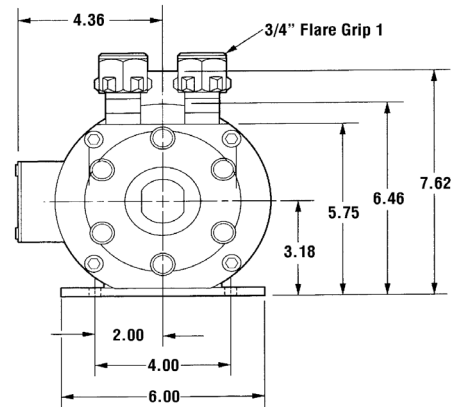
Please contact us for more details

TECHNICAL 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 voltage information above
Pump Body	Virgin PTFE
Impeller	Virgin PTFE
Drive Shaft	Alumina Ceramic



Curves represent DI water at 68°F (20°C) and 60Hz operation.



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