

Micro Conical Revolution Liquid and Gas Pump

Overview : Liquid and Gas Pump - Efficient, Reversible, Self Priming

The R400 pump range utilise a new and patented pumping methodology developed by TCS Micropumps that is unique in the world. They provide excellent pressure and flow capability for both liquids and gasses. They are self priming in operation, reversible and contain no internal valves.

The 'R' pump is powered by a TCS developed brushless drive unit which is small, powerful, efficient and reliable. The body is constructed from CNC machined aluminium alloy (6000 series + anodising) with wetted components manufactured from stainless steel 316 and Viton elastomers.

Pump



Typical Applications

- Medical devices
- Analysis Systems
- Gas detection and monitoring
- Precision Flow
- Food Grade
- Chemical Handling
- Cooling Systems

Features

- Quiet
- Small size
- Self Priming
- Robust
- Dry Running
- Precise Flow Control
- Valveless
- Reversible

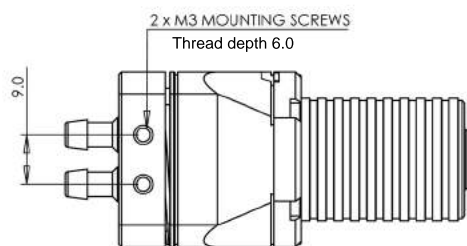
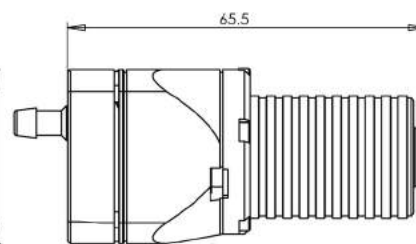
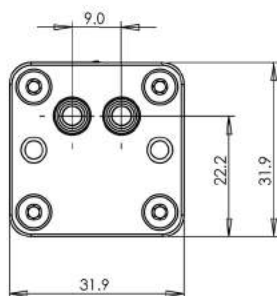
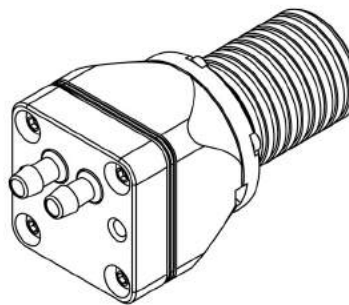
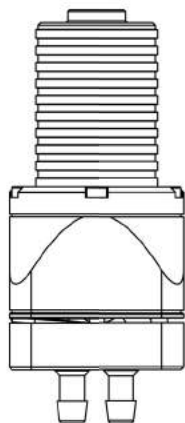
Materials

Wetted Parts

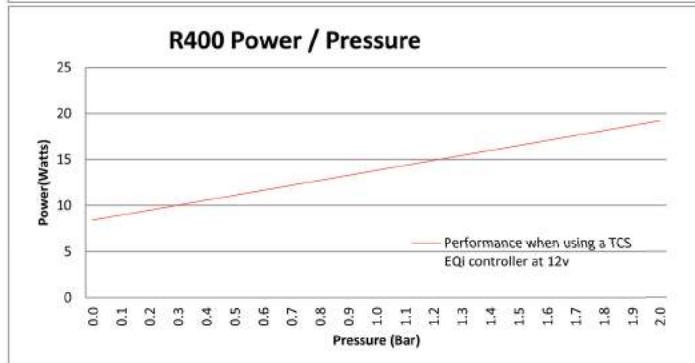
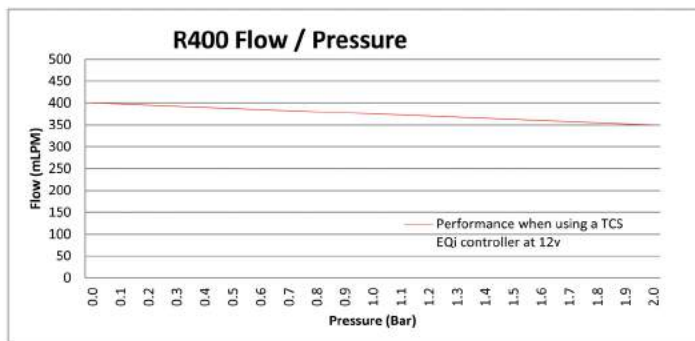
- 316 Stainless Steel
- Viton

Other Parts

- 316 Stainless Steel
- Anodised 6000 Series Aluminium



Inlet / Outlet connectors accept 3.2 ID tubing



Performance Data

- Small Size 32 x 32 x 67mm
- Weight 185g
- Operating Temp 0 to 100 deg C
- IP Rating IP41
- Noise Levels <20dB

Measured at a distance of 1m with a 50dB ambient noise level

LIQUID		MAX	MAX	MAX
MODEL	Input (v)	Power (W)	Flow (mLpm)	Pressure (Bar)
R400-BL	12	20	400	2.0
ALL MODELS				