

T2-02

Up to 28.5 LPM Free Flow



High Capacity Pumps (air/gas)

The T2-02 is a high performance pump that features Parker's patented dynamic valve design. Remarkable performance and efficiency are achieved, particularly at lower loads. With flows up to about 28.5 LPM, this is the most compact, lightweight package in its class. The motor, pump head, and valve combination provide reliable, long life operation.

Features

- **High Efficiency**

The design has been optimized to provide the highest flowrates available with the lowest power draw, especially in vacuum applications. Low power leads to longer battery life and smaller instrument size.

- **Long Life**

The wear components of these pumps have been designed to provide maximum life.

- **Small Size and Lightweight**

The pumps fit into the tight spaces demanded of today's battery powered instruments. The lightweight design keeps instrument weight minimized. Ideal for today's handheld systems that were not possible with yesterday's technology.

Typical Applications

- Portable Aspirators
- Medical Instruments
- Fuel Cells
- Industrial Systems

Performance Data

Physical Properties

Operating Environment:

32 to 122°F (0 to 50°C)

Wetted Material:

EPDM, CR, PPS+PTFE

Electrical

Motor Type (DC):

Heavy Duty Brush

Nominal Motor Voltages (DC):

12, 24 VDC (other options available)

Electrical Termination:

18" Wire Leads

Pneumatic

Head Configuration:

Single

Max Flow:

12V: 24.2 lpm, 24V: 28.5 lpm

Max Intermittent Pressure:

12V: 20 psi (1380 mbar),

24V: 20.5 psi (1415 mbar)

Max Continuous Pressure:

12V & 24V: 2 psi (138 mbar)

Max Intermittent Vacuum:

12V: 21.8 in Hg (740 mbar)

24V: 24.3 in Hg (820 mbar)

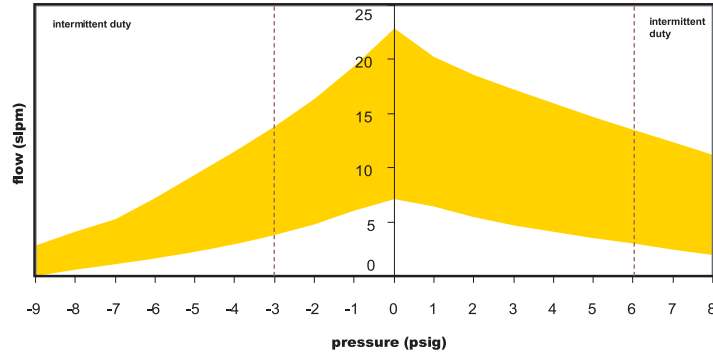
Max Continuous Vacuum:

12V & 24V: 4.1 in Hg (138 mbar)

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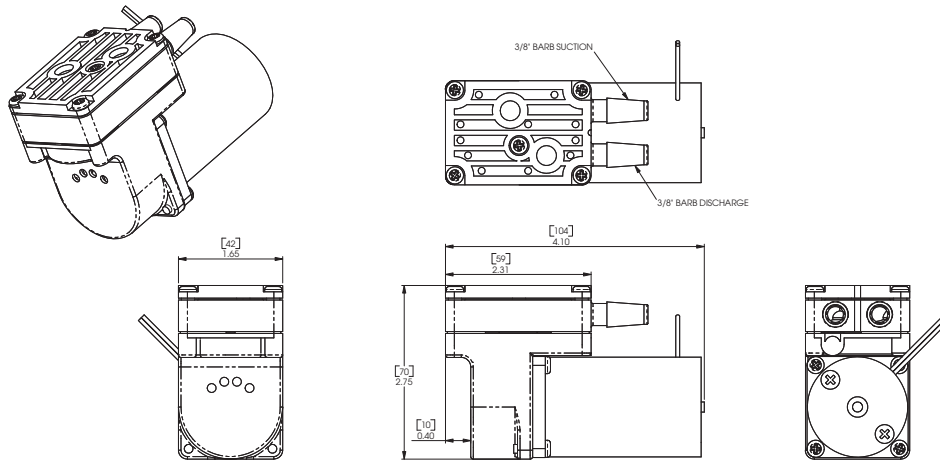
High Capacity Pumps (air/gas)

T20-02 Flow



NOTE: All performance data is typical based on standard conditions: 70°F and 14.7 psia

Dimensions



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For more information call 1.800.525.2857 or email ppfinfo@parker.com
 Visit www.parker.com/precisionfluidics

