



SHURFLO® 8075 HIGH PERFORMANCE BRUSHLESS D.C. RO BOOSTER PUMP

ROBUST, VERSATILE, LONG-LIFE PUMP DESIGNED FOR DEMANDING COMMERCIAL RO APPLICATIONS

Pump: 8075-192-319



APPLICATIONS

Reverse Osmosis (RO)

FEATURES • BENEFITS

One (1)-piece piston diaphragm

Precision bypass system maintains a constant safe outlet pressure

Extended motor life with brushless technology

Ultra quiet operation at any flow and pressure range

Unique, two (2)-speed switch

Meets the performance requirements of 150 or 200 gpd (568 or 757 Lpd)

Self-priming up to 8 ft (2.44 m) vertical

Can run dry without damage

INSTALLATION TIPS

Ideal for high flow, high pressure applications.

Can be mounted in any position.

OPERATION TIPS

Can run dry without damage.

Self-priming.

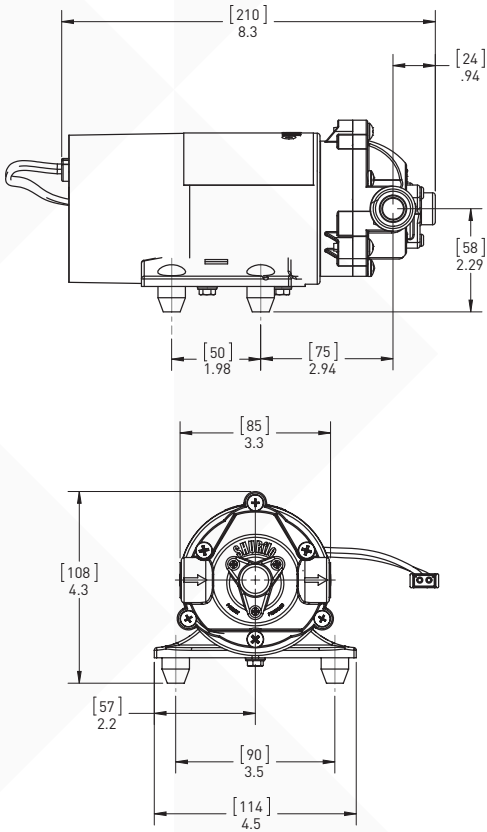
SIZING

High Flow Rate: supports 150 - 200 gpd (568 - 757 Lpd) systems at standard recovery rates.

Pressures: up to 140 psi (9.6 bar)

SHURFLO® RO BOOSTER PUMP

8075-192-319



SPECIFICATIONS

Motor

24 VAC/VDC brushless with switch selector for 150 gpd (568 Lpd) or 200 gpd (757 Lpd)

Permanent Magnet, P/N 11-295-00

Pump Design

Positive displacement/three chamber solid diaphragm pump

Cam: 2.5 Degree

Ports

3/8" (10 mm) NPT female

Pressure Requirements

Max Inlet pressure: 80 psi

Liquid Temperature Range

34 – 125°F (1 C – 82°C)

Materials of Construction

Plastics: Nylon
Valves & O-Ring: Viton
Diaphragm: Santoprene
Fasteners: Stainless Steel

Net Weight

5.1 lbs (2.3 kgs)

Duty Cycle

Continuous

Approvals

NSF listed

Max. Amp Draw

2.2 amps 150 gpd (568 Lpd) operation @ 20 psi (1.4 bar) inlet and 140 psi (9.6 bar) outlet

2.5 amps 200 gpd (757 Lpd) operation @ 20 psi (1.4 bar) inlet and 120 psi (8.3 bar) outlet

Electrical

24 VAC/VDC; Power Supply required

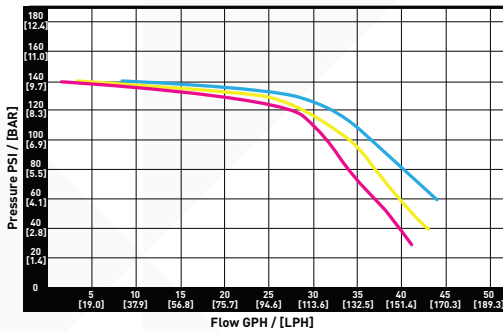
Bypass

140 PSI (9.65 bar)

Pack Size

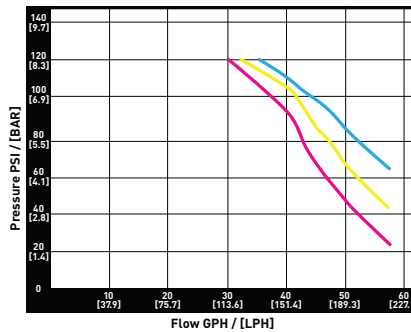
6/case

Performance: 150 GPD [570 LPD]



■ 20 PSI / [1.4 BAR] ■ 40 PSI / [2.8 BAR] ■ 60 PSI / [4.1 BAR]
(City Water Inlet Pressure)

Performance: 200 GPD [760 LPD]



■ 20 PSI / [1.4 BAR] ■ 40 PSI / [2.8 BAR] ■ 60 PSI / [4.1 BAR]
(City Water Inlet Pressure)

WARRANTY

One Year Limited Pentair® Warranty on 8075 Series Pumps is valid from the date of manufacture or with proof of purchase. Pentair will provide a copy of the warranty upon request.



WATER QUALITY SYSTEMS

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