PORTS
Choice of 1/8” or 1/4” FNPT

VOLTAGE
12 or 24 VDC

ELECTRICAL CONNECTIONS
Spade type terminals

MOTOR
Permanent magnet DC

DIAPHRAGM
Teflon®

PUMP BODY
Nylon 6

O-RING OPTIONS
Buna-N
EPDM
Viton®
Silicone

SPRING OPTIONS
316 stainless steel or Hastelloy-C **
**Hastelloy-C only available with 1/4” FNPT ports

VALVES
Spring-loaded poppet design, molded as part of the body

INLET

OUTLET

OPTIONS BY MODEL

<table>
<thead>
<tr>
<th>MODEL</th>
<th>#SP3210 (1/8” FNPT PORT)</th>
<th>#SP3215 (1/8” FNPT PORT)</th>
<th>#SP3220 (1/8” FNPT PORT)</th>
<th>#SP3410 (1/4” FNPT PORT)</th>
<th>#SP3415 (1/4” FNPT PORT)</th>
<th>#SP3420 (1/4” FNPT PORT)</th>
</tr>
</thead>
<tbody>
<tr>
<td>POWER CONSUMPTION</td>
<td>~300-500 mA</td>
<td>~300-600 mA</td>
<td>~300-700 mA</td>
<td>~300-600 mA</td>
<td>~300-700 mA</td>
<td>~300-700 mA</td>
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<tr>
<td>MAX OUTPUT PRESSURE</td>
<td>40 PSI @ 12 VDC (2.8 Bar)</td>
<td>26 PSI @ 12 VDC (1.8 Bar)</td>
<td>19 PSI @ 12 VDC (1.3 Bar)</td>
<td>60 PSI @ 24 VDC (4.1 Bar)</td>
<td>60 PSI @ 12 VDC (4.1 Bar)</td>
<td>45 PSI @ 24 VDC (3.1 Bar)</td>
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<tr>
<td>MAX FLOW RATE</td>
<td>9.1 GPH @ 12 VDC (34.4 LPH)</td>
<td>12.7 GPH @ 12 VDC (48.1 LPH)</td>
<td>16.6 GPH @ 12 VDC (62.8 LPH)</td>
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<tr>
<td>VACUUM</td>
<td>18 inHg wet, 3.6 inHg dry @12 VDC (457 mmHg wet, 91 mmHg dry)</td>
<td>21 inHg wet, 5.3 inHg dry @12 VDC (533 mmHg wet, 135 mmHg dry)</td>
<td>22 inHg wet, 8.6 inHg dry @12 VDC (559 mmHg wet, 218 mmHg dry)</td>
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</tbody>
</table>

Note: Pumps are not pictured to actual size. Our products are subject to continuous improvement. To achieve this goal, Smart Products USA, Inc. reserves the right to change features, processes, materials, testing and other specifications, as necessary. All plastic body material recommendations are based on standard corrosion resistant and compatibility guides. Smart Products strongly recommends that customers test products for each application-specific use.

Buyer is urged to test and investigate the compatibility of any substance used with our products prior to actual use. Seller will not be responsible for the failure of buyer to thoroughly test and investigate the compatibility of the substances used with our products and the fitness of the products for its particular use or application.

**Hastelloy-C only available with 1/4” FNPT ports

ALL STANDARD MATERIALS ARE FDA COMPLIANT

Large CLEARANCE BLOWUP RIGHT