

SERIES 3000 LIQUID PUMPS • SPECIFICATIONS



PUMP OVERVIEW

Self-priming, single diaphragm positive displacement, runs wet or dry

SIZE

1.66"W x 3.0"L x 3.7"H
(42.16 x 76.20 x 93.98 mm)

WEIGHT

9.3 oz. (263 g)

MAX START UP CONSUMPTION

1500 mA

TEMPERATURE RANGE

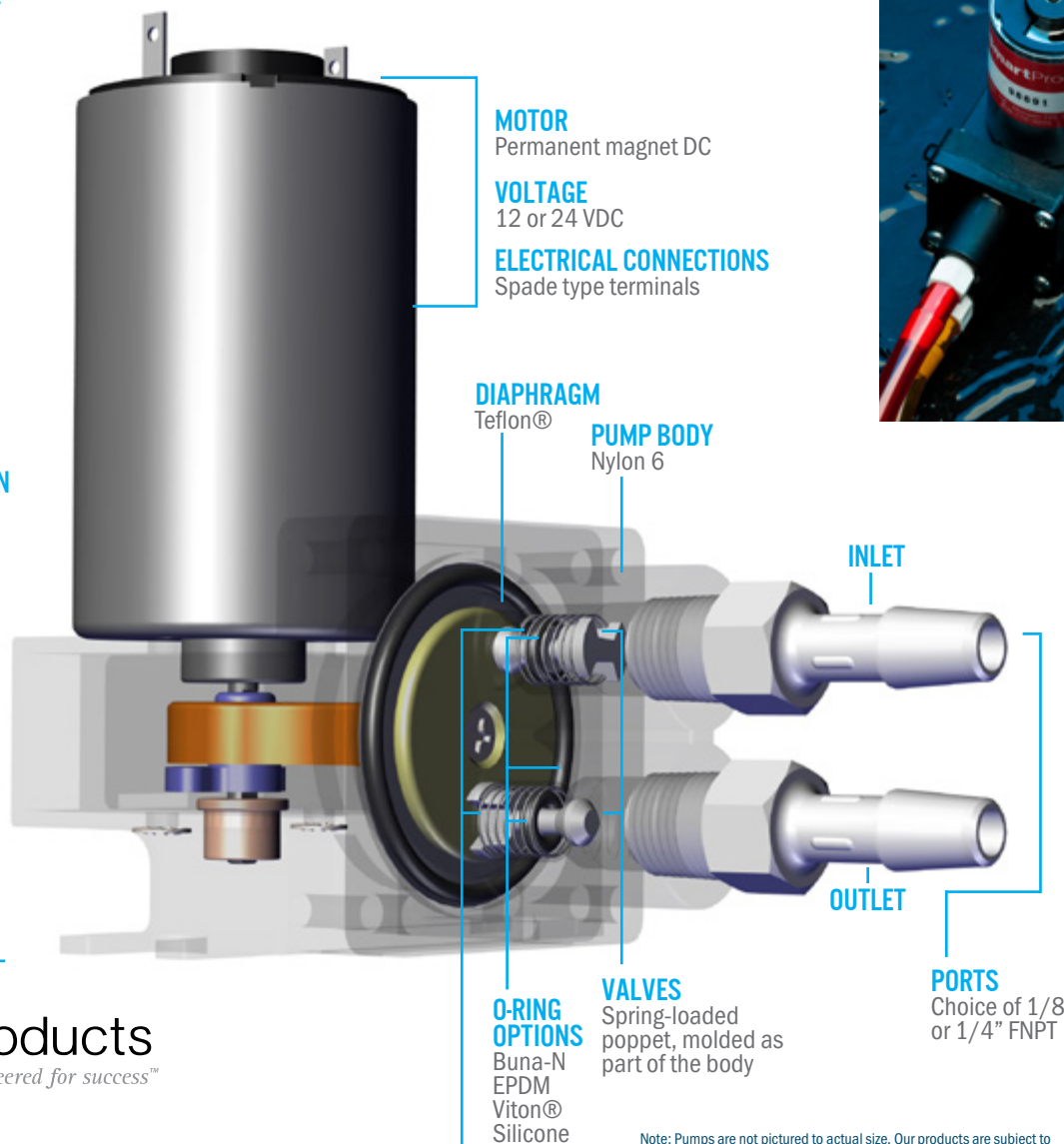
220°F (104°C) maximum

DUTY CYCLE

1000 hours continuous duty @ 12 VDC*

*Lifetime will vary depending on usage

ALL STANDARD MATERIALS ARE FDA COMPLIANT



SmartProducts
Engineered for success™

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ISO 9001:2015 CERTIFIED

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SPRING OPTIONS

316 stainless steel or Hastelloy-C**

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

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.

OPTIONS BY MODEL

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