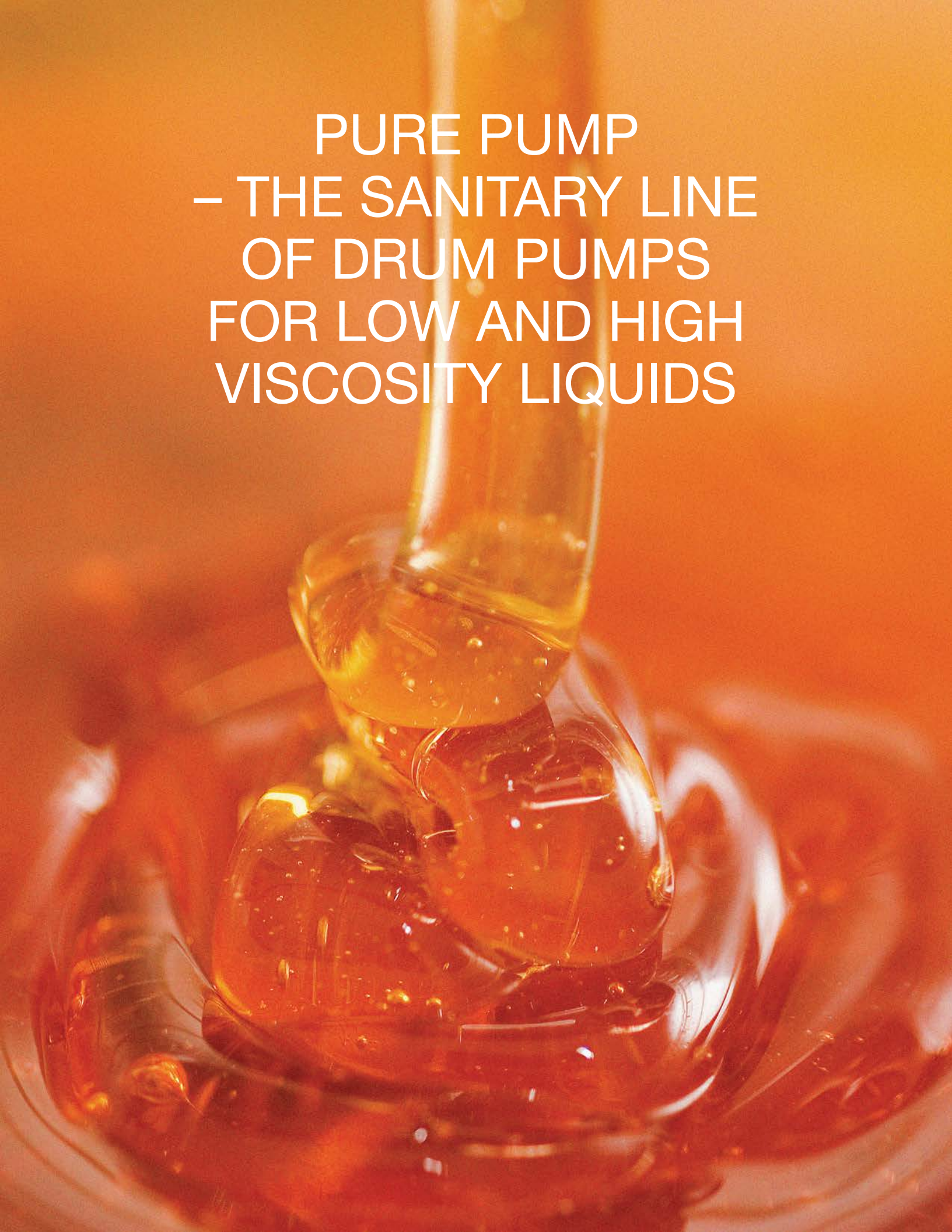


PURE PUMP
– THE SANITARY LINE
OF DRUM PUMPS
FOR LOW AND HIGH
VISCOSITY LIQUIDS



APPLICATIONS



Drums & Barrels



Laboratory



Large Storage Vessels



Stainless Tanks

SP-8600 / SP-8700 Series

PURE
PUMP

Standard Pumps' SP-8600 series sanitary centrifugal pumps offer the ideal solution for transferring juices, concentrates, beer, wine, and cosmetic fragrances from barrels, kettles and Tote Tanks®. The SP-8600 series pumps incorporate a proven hygienic design and FDA compliant materials of construction (CFR 21.177) insuring a safe, robust and efficient sanitary solution.

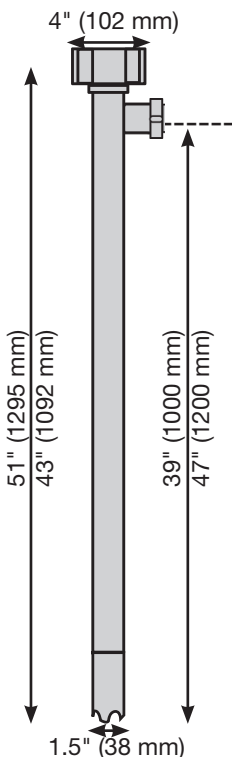


Common Applications Features

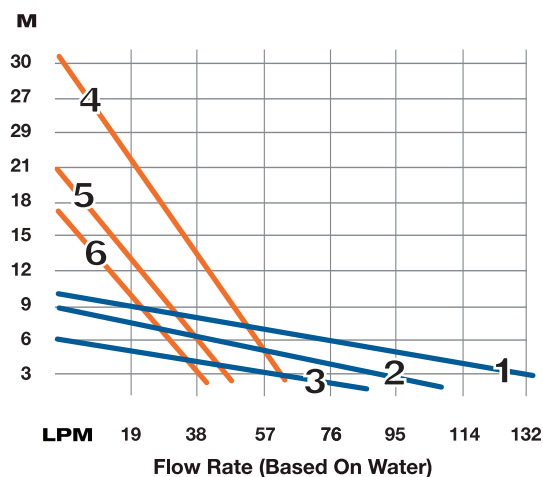
- Concentrates
- Pharmaceutical Ingredients
- Wine & Beer
- Juices
- Personal Care Products
- FDA Compliant Materials of Construction
- Flow Rates to 132 LPM
- Discharge Pressure to 2,9 bar
- Easy to Clean
- Tri-Clamp Fittings
- Light Weight & Portable
- Variable Speed Electric & Air Motors

Technical Specifications

Model Number:	SP-8600-39, SP-8600-47 SP-8700-39, SP-8700-47
Immersion Length:	39" (1000 mm) 47" (1200 mm)
Wetted Components:	SS316L, Teflon & Buna
Motor Drive:	SP-280P and SP-ENC series, SP-A1, SP-A2, SP-420-EX
Inlet/Discharge Size:	1.5" (38 mm) / 1" (25 mm) Tri-Clamp and hose barb not included
Maximum Viscosity:	1,000 cps (mPAS)*
Maximum Discharge Pressure:	2,9 bar
Maximum Flow Rate:	132 LPM
Pump Weight:	5 kg (does not include motor weight which varies upon model)
Maximum Liquid Temperature:	80° C, ATEX: 40° C



Flow Curves



KEY:

- 1 8600 Pump Tube / SP-280P, SP-ENC
- 2 8600 Pump Tube / SP-A2, SP-420EX
- 3 8600 Pump Tube / SP-A1
- 4 8700 Pump Tube / SP-280P, SP-ENC
- 5 8700 Pump Tube / SP-A2, SP-420EX
- 6 8700 Pump Tube / SP-A1

Note: Pump is constructed with FDA compliant materials; however, the system does not have FDA certification.

*Pump is intended for intermittent use.

SP-8800 and SP-8900 Sanitary Series

Standard's SP-8800 and SP-8900 series sanitary centrifugal pumps offer the ideal solution for transferring dairy products, pharmaceuticals, juices, concentrates, beer, wine, and cosmetic fragrances from barrels, kettles and Tote Tanks®. The SP-8800 and SP-8900 series pumps are 3A certified and incorporate a hygienic design that enables operators quickly to disassemble and sanitize.



Common Applications

- Concentrates
- Pharmaceutical Ingredients
- Wine & Beer
- Juices
- Personal Care Products
- Cosmetic Fragrances

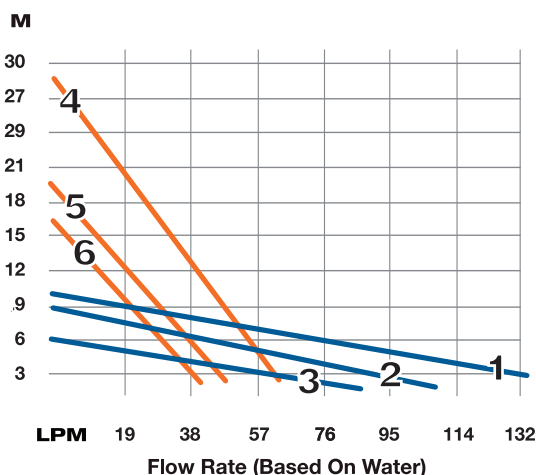
Features

- 3A Certified
- Flow Rates to 132 LPM
- Discharge Pressure to 2,8 bar
- Easy to Clean
- Tri-Clamp Fittings
- Light Weight & Portable
- Variable Speed Electric & Air Motors

Technical Specifications

Model Number:	SP-8800-39, SP-8800-47 SP-8900-39, SP-8900-47
Immersion Length:	39" (1000 mm) 47" (1200 mm)
Wetted Components:	SS316L, Teflon & Buna
Motor Drive:	SP-280P and SP-ENC series, SP-A1, SP-A2, SP-420EX
Inlet/Discharge Size:	1.5" (38 mm) / 1" (25 mm) Tri-Clamp and hose barb not included
Maximum Viscosity:	1,000 cps (mPAS)*
Maximum Discharge Pressure:	2,8 bar
Maximum Flow Rate:	132 LPM
Pump Weight:	5 kg (does not include motor weight which varies upon model)
Maximum Liquid Temperature:	80° C, ATEX: 40° C

Flow Curves

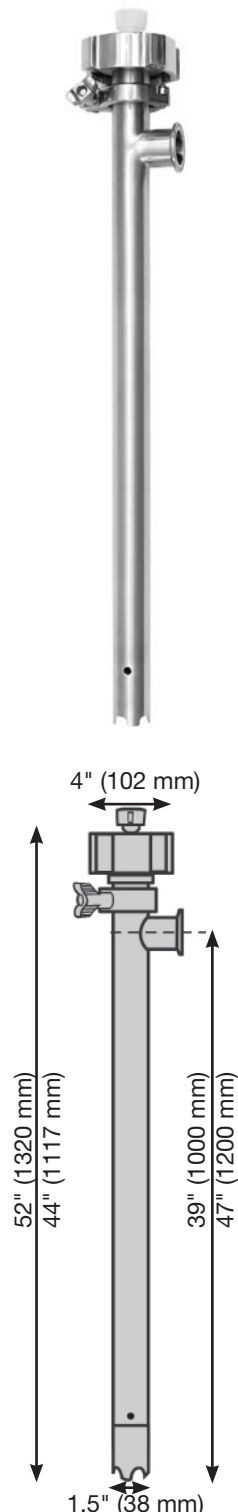


KEY:

- 1 8800 Pump Tube / SP-280P, SP-ENC
- 2 8800 Pump Tube / SP-A2, SP-420EX
- 3 8800 Pump Tube / SP-A1
- 4 8900 Pump Tube / SP-280P, SP-ENC
- 5 8900 Pump Tube / SP-A2, SP-420EX
- 6 8900 Pump Tube / SP-A1

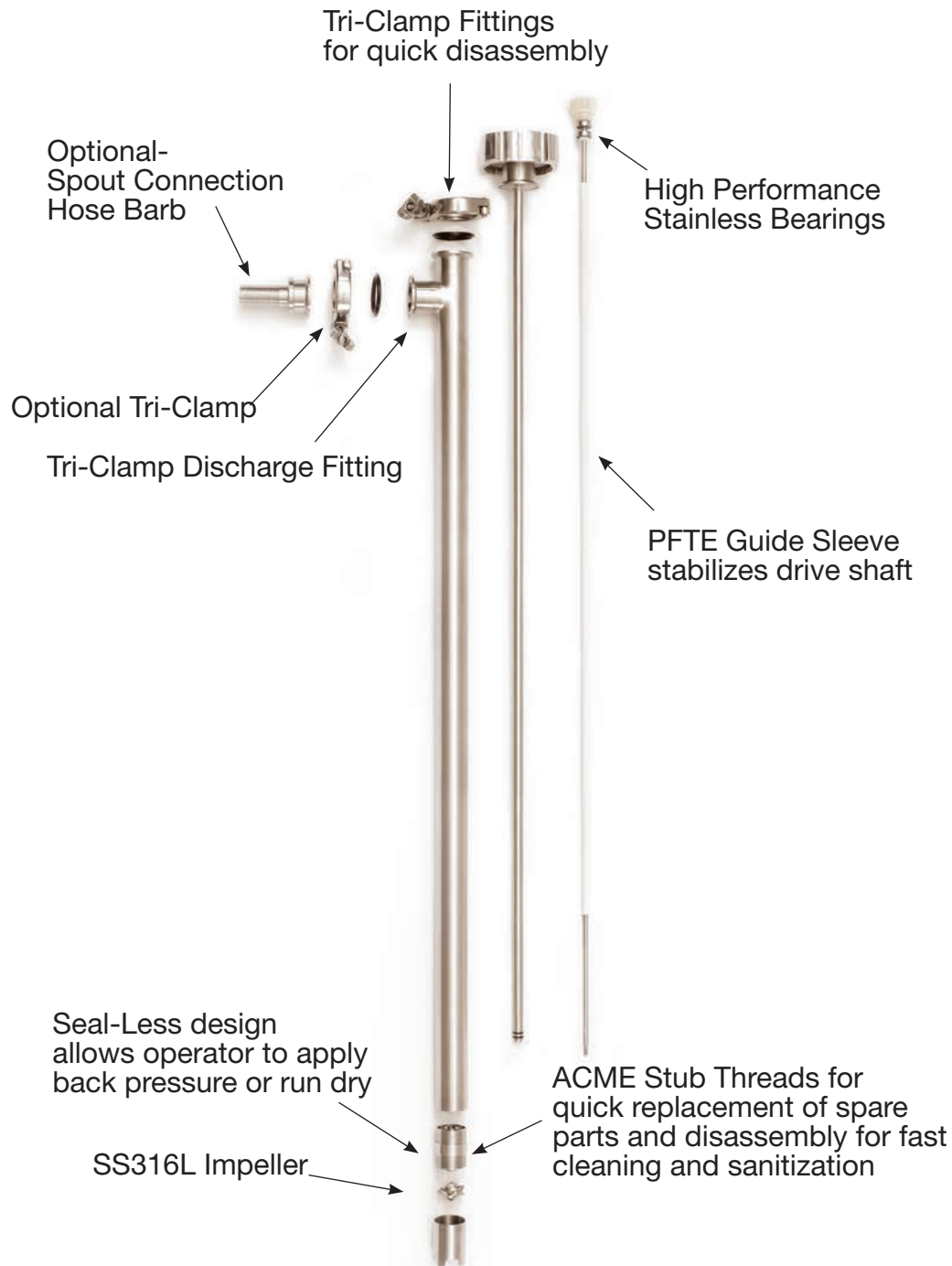
Note: Pump is constructed with FDA compliant materials; however, the system does not have FDA certification. The SP-8800 and SP-8900 series pumps are 3A certified.

*Pump is intended for intermittent use.



SP-8800-SP-8900 series

Hygienic Design Enables Operators To Disassemble,
Clean and Sanitize



SP-8600 - SP-8900 & SP-800SR | Pump Motors

SP-280P series for SP-8600, SP-8700, SP-8800 and SP-8900 series



MODEL	ENCLOSURE	POWER	WATT	V.S.D.	SHIPPING WT kg
SP-280P	Open Drip Proof (IP44)	110-120V/1/50-60Hz	825	No	4,0
SP-280P-V	Open Drip Proof (IP44)	110-120V/1/50-60Hz	825	Yes	4,0
SP-280P-2	Open Drip Proof (IP44)	220-240V/1/50-60Hz	825	No	4,0
SP-280P-2-V	Open Drip Proof (IP44)	220-240V/1/50-60Hz	825	Yes	4,0

NOTE: V.S.D. = Variable Speed Drive

Warning: Not suitable for pumping flammable or combustible liquid. Warning: Not recommended for use with the SP-800SR Series pump.

SP-ENC series for SP-800SR, SP-8600, SP-8700, SP-8800 and SP-8900



MODEL	ENCLOSURE	POWER	WATT	V.S.D.	SHIPPING WT kg
SP-ENC	TEFC (IP54)	110-120V/1/50-60Hz	825	No	5,7
SP-ENC-V	TEFC (IP54)	110-120V/1/50-60Hz	825	Yes	5,7
SP-ENC-2	TEFC (IP54)	220-240V/1/50-60Hz	825	No	5,7
SP-ENC-2-V	TEFC (IP54)	220-240V/1/50-60Hz	825	Yes	5,7

Warning: Not suitable for pumping flammable or combustible liquids. NOTE: V.S.D. = Variable Speed Drive

SP-420 Serie for SP-800SR, SP-8600, SP-8700, SP-8800 and SP-8900



MODEL	ENCLOSURE	POWER	WATT	V.S.D.	WT (kg)
SP-420EX	Explosion Proof	220-240V/1/50-60Hz	600	No	7,7

See warning at bottom of page.

NOTE: V.S.D. = Variable Speed Drive

SP-A1 for SP-8600, SP-8700, SP-8800 and SP-8900 series



MODEL	CONSUMPTION	MAXIMUM INLET PRESSURE	OUTPUT	WT kg
SP-A1	22 CFM @ 90 psi (10.4 L/sec @ 6,2 bar)	100 psi (6,8 bar)	1/2 HP (370 W)	1,2

See warning at bottom of page.

Warning: Not recommended for use with the SP-800SR Series pump.

SP-A2 series for SP-8600, SP-8700, SP-8800 and SP-8900 series



MODEL	CONSUMPTION	MAXIMUM INLET PRESSURE	OUTPUT	WT kg
SP-A2	28 CFM @ 90 psi (13.2 L/sec @ 6,2 bar)	100 psi (6,8 bar)	3/4 HP (560 W)	1,5
SP-A2TL (trigger lock)	28 CFM @ 90 psi (13.2 L/sec @ 6,2 bar)	100 psi (6,8 bar)	3/4 HP (560 W)	1,5

See warning at bottom of page.

Warning: Not recommended for use with the SP-800SR Series pump.

WARNING: Pumping of flammables or combustible liquids can generate a static electric discharge, causing fire or explosion resulting in injury or death. Read and understand operating instructions before starting this unit. Follow all federal, state and local safety codes including NFPA 30 - NFPA77. Prior to connecting to air supply, install bond and ground wires and check continuity of each wire. A meter reading of one ohm or less is required for safe liquid transfer. Use only metallic drum, receiving vessel and metallic pump when pumping flammables. Air motors are not recognized under any current Underwriter's Laboratory listing program. Consult a qualified engineer for suitability for use in a hazardous area or on flammables.

APPLICATIONS

