

STANDARD
Pump, Inc.

PURE PUMP
Series



FDA **A**
3



3 YEAR
WARRANTY

P/N: SANBCS-0613

Sanitary Drum Transfer Pumps

Batch Control Systems & Flow Meters

Multi-Certified



INITIALLY ISSUED: 11/6/2012 AUTHORIZATION NUMBER: 1679

A3

THIS IS TO CERTIFY THAT
Standard Pumps, Inc.
1540 University Dr., Auburn, GA 30011

is hereby authorized to continue to apply the
3-A Symbol to the models of equipment, conforming to 3-A Sanitary Standards for:

Number: 44-03, Diaphragm Pumps
with the below
Clean-in-Place Models: SP3A15NPT, SP3A20NPT.

VALID THROUGH: December 31, 2013

Timothy R. Rugh
Executive Director, 3-A Sanitary Standards, Inc.

The issuance of this authorization for the use of the 3-A Symbol is based upon the voluntary certification, by the applicant for it, that the equipment listed above complies fully with the 3-A Sanitary Standards designated. Legal responsibility for compliance is solely that of the holder of this Certificate of Authorization, and 3-A Sanitary Standards, Inc. does not warrant that the holder of an authorization at all times complies with the provisions of the said 3-A Sanitary Standards. This in no way affects the responsibility of 3-A Sanitary Standards, Inc. to take appropriate action in such cases in which evidence of nonconformance has been established.

NEXT TVP INSPECTION/REPORT DUE: October 2017



TYPE EXAMINATION CERTIFICATE

Equipment intended for use in potentially explosive atmospheres - Directive 94/9/EC

Type Examination Certificate number: DTI 11.0022X

Equipment:
Type: **Sanitary diaphragm pump**
SP-800/8700 series and SP-800/8900 series
Industrial type SP-55 & III and SP-AL series

Manufacturer: **Standard Pump Europe A/S (Standard Pump Inc.)**
Vejlebyvej 12
DK-8400 Silkeborg, Denmark

The Certificate is issued according to Annex VII clause 2 of Council Directive 94/9/EC for equipment and protective systems intended for use in potentially explosive atmospheres (ATEX). The certificate confirms the receipt and storage of the technical documentation received from the certificate holder. The equipment and design details referred to in this certificate are included in this certificate and in the documents that the certificate refers to.

Danish Technological Institute certifies that this equipment has been found to comply with the Essential Health and Safety Requirements relating to design and construction of equipment intended for use in potentially explosive atmospheres given in Annex II of the Directive.

The examination and test results are recorded in confidential report no. 4016-04.

The essential Health and Safety Requirements are covered by compliance with:
EN 13463-1:2009 EN 13463-2:2003

The sign "CE" placed after the certificate number indicates that the equipment or protective system is subject to special conditions for safety as specified in the standard in the certificate.

This certificate relates to the design, examination and test of the specified equipment and not to the manufacturing process and supply of the equipment.

The marking of the equipment or protective system shall include the following:
EN 13463-1:2009 EN 13463-2:2003

The sign "CE" placed after the certificate number indicates that the equipment or protective system is subject to special conditions for safety as specified in the standard in the certificate.

The Physical Technical Testing Institute, registered body number 1026 in accordance with Article 9 of the Council Directive 89/391/EEC of 23 March 1989, certifies that the equipment or protective system has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment and protective systems intended for use in potentially explosive atmospheres given in Annex II of the Directive.

The examination and test results are recorded in confidential Report No. 19 8201 issued 29 November 2012

Compliance with Essential Health and Safety Requirements has been assessed by compliance with:
EN 60079-0:2003 EN 60079-1:2004

If the sign "CE" is placed after the certificate number, it indicates that the equipment or protective system is subject to special conditions for safety as specified in the standard in the certificate.

The EC-Type Examination Certificate relates only to the design, supervised and tested in the specified equipment or protective system in accordance to the directive 94/9/EC. Further requirements of the Directive apply to the manufacturing process and supply of any equipment or protective system. These are not covered by this certificate.

The marking of the equipment or protective system shall include the following:
EN 60079-0:2003 EN 60079-1:2004



TYPE EXAMINATION CERTIFICATE

Equipment intended for use in potentially explosive atmospheres - Directive 94/9/EC

Type Examination Certificate number: DTI 11 ATEX 0045X

Equipment: **Sanitary diaphragm pump**
SANITARY type SP1500 & 1500 and Industrial type SP-55 & III

Manufacturer: **Standard Pump Europe**
Vejlebyvej 12
DK-8400 Silkeborg, Denmark

The Certificate is issued according to Annex VII clause 2 of Council Directive 94/9/EC for equipment and protective systems intended for use in potentially explosive atmospheres (ATEX). The certificate confirms the receipt and storage of the technical documentation received from the certificate holder. The equipment and design details referred to in this certificate are included in this certificate and in the documents that the certificate refers to.

Danish Technological Institute certifies that this equipment has been found to comply with the Essential Health and Safety Requirements relating to design and construction of equipment intended for use in potentially explosive atmospheres given in Annex II of the Directive.

The essential Health and Safety Requirements are covered by compliance with:
EN 13463-1:2009 EN 13463-2:2003

The sign "CE" placed after the certificate number indicates that the equipment or protective system is subject to special conditions for safety as specified in the standard in the certificate.

This certificate relates to the design, examination and test of the specified equipment and not to the manufacturing process and supply of the equipment.

The marking of the equipment or protective system shall include the following:
EN 13463-1:2009 EN 13463-2:2003

Physical Technical Testing Institute
Ostrava - Radvanice

Ex

EC-Type Examination Certificate
Equipment or Protective Systems Intended for Use in Potentially Explosive Atmospheres (Directive 94/9/EC)

EC-Type Examination Certificate Number:
FTZU 12 ATEX 0225X

Equipment or protective system: **Pump motor type SP - 420EX**

Manufacturer: **STANDARD PUMP INC.**

Address: **1540 University Dr., Auburn, Georgia 30011, USA**

The equipment or protective system and any of acceptable variation thereto is specified in the reference to this certificate and the documents therein referred to in this certificate.

The Physical Technical Testing Institute, registered body number 1026 in accordance with Article 9 of the Council Directive 89/391/EEC of 23 March 1989, certifies that the equipment or protective system has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment and protective systems intended for use in potentially explosive atmospheres given in Annex II of the Directive.

The examination and test results are recorded in confidential Report No. 19 8201 issued 29 November 2012

Compliance with Essential Health and Safety Requirements has been assessed by compliance with:
EN 60079-0:2003 EN 60079-1:2004

If the sign "CE" is placed after the certificate number, it indicates that the equipment or protective system is subject to special conditions for safety as specified in the standard in the certificate.

The EC-Type Examination Certificate relates only to the design, supervised and tested in the specified equipment or protective system in accordance to the directive 94/9/EC. Further requirements of the Directive apply to the manufacturing process and supply of any equipment or protective system. These are not covered by this certificate.

The marking of the equipment or protective system shall include the following:
EN 60079-0:2003 EN 60079-1:2004

Responsible person:
Ing. Irena Matulak
Head of Certification Body

Date of issue: 28.11.2012

Page: 1/2

CE

II 2G e IIB T4

Technical Institute
of Inspection

Austria, 2012-01-04

INITIALLY ISSUED: 11/6/2012 AUTHORIZATION NUMBER: 1330

A3

THIS IS TO CERTIFY THAT
Standard Pumps, Inc.
1540 University Dr., Auburn, GA 30011

is hereby authorized to continue to apply the
3-A Symbol to the models of equipment, conforming to 3-A Sanitary Standards for:

Number: 02-11, Centrifugal and Positive Rotary Pumps
set forth below

Progressing Cavity Pumps SP-800R and SP-800D with lengths 27 in., 39 in., and 47 in.; NBR and PTFE stators; SIC-SIC seals Centrifugal Pumps HV SP-8800 and HP SP-8900 in lengths 39 in., and 47 in.

VALID THROUGH: December 31, 2013

Timothy R. Rugh
Executive Director, 3-A Sanitary Standards, Inc.

The issuance of this authorization for the use of the 3-A Symbol is based upon the voluntary certification, by the applicant for it, that the equipment listed above complies fully with the 3-A Sanitary Standards designated. Legal responsibility for compliance is solely that of the holder of this Certificate of Authorization, and 3-A Sanitary Standards, Inc. does not warrant that the holder of an authorization at all times complies with the provisions of the said 3-A Sanitary Standards. This in no way affects the responsibility of 3-A Sanitary Standards, Inc. to take appropriate action in such cases in which evidence of nonconformance has been established.

NEXT TVP INSPECTION/REPORT DUE: December 2016



Certificate of Compliance

Certification: 254441; Master Contract: 254672
Project: 254441; Date Issued: June 28, 2012

Issued to: **Standard Pump Inc.**
1540 University Dr., Auburn
Georgia 30011
USA
Attention: Mr. Robert Miley

The products listed below are eligible to bear the CSA Mark shown

Issued by: **Rachel Miranda**

PRODUCTS
CLASS 3038 01 - LIQUID PUMP - For Hazardous Locations
Class I Group D
Diaphragm pump, Model SP-410EX and 111V, 50/60Hz, 1.0 FLA, and Model MFCX and 111V, 60Hz, 4.3 FLA, Temperature class T4C (100°C)

APPLICABLE REQUIREMENTS
CSA Std C22.1 No. 100-04 - Motors and Generators
CSA Std C22.1 No. 143-M1984 - Motors and Generators for Use in Hazardous Locations

MARKINGS
Include CSA number, Model, electrical rating, date code and the CSA Markings on a metal component at least 0.001 in. thick permanently secured to the enclosure by screws or rivets.

ALTERATIONS
Markings as stated above apply.

2012 06 28 2012-06-28



EC - CERTIFICATE

Equipment for use in potentially explosive atmospheres - Directive 94/9/EC

Certificate Number: TI 2011-1-0156 A

Equipment: **Adapter assembly**

Manufacturer: **SP A1- six or seven**

Manufacturer: **Standard Pump Europe**
Vejlebyvej 12, DK-8400 Silkeborg

The marking of the equipment or protective system shall include the following:
EN 13463-1:2009 EN 13463-2:2003

The sign "CE" placed after the certificate number indicates that the equipment or protective system is subject to special conditions for safety as specified in the standard in the certificate.

This certificate relates to the design, examination and test of the specified equipment and not to the manufacturing process and supply of the equipment.

The marking of the equipment or protective system shall include the following:
EN 13463-1:2009 EN 13463-2:2003

The sign "CE" placed after the certificate number indicates that the equipment or protective system is subject to special conditions for safety as specified in the standard in the certificate.

The EC-Type Examination Certificate relates only to the design, supervised and tested in the specified equipment or protective system in accordance to the directive 94/9/EC. Further requirements of the Directive apply to the manufacturing process and supply of any equipment or protective system. These are not covered by this certificate.

The marking of the equipment or protective system shall include the following:
EN 60079-0:2003 EN 60079-1:2004



Sanitary **SAFETY** Solutions

SAFETY:

As a leading pump manufacturer, Standard is known for our commitment to product quality and SAFETY serving the operations and maintenance professionals. Standard Pump products are certified to meet globally recognized SAFETY standards and guidelines to include Underwriters Laboratories (UL), Canadian Standards Association (CSA), Community European mark (CE) and European hazardous duty equipment (AtEx).

GLOBAL COMMITMENT:

Standard Pump has a global presence supporting factory authorized distributors in fifty-two countries. Our world headquarters is located in Atlanta, GA (USA). A global support team provides sales and support staff, complete inventory and engineering in Copenhagen, Denmark and Shanghai, China.

PURE PUMP *Series*



Sanitary Metering Solutions



Ultra Mass Series | Electric

STANDARD's Ultra Mass Batch Control is an innovative system designed for dosing applications from drums, Tote® tanks and kettles. Simply dial in your desired volume or weight and the Ultra Mass BCS will deliver a preset dose of product – virtually hands-free. The system's components are 3A Certified, ensuring the highest quality product suitable for the food processing, pharmaceutical, dairy and biotech industries.



Features

- 3A (TPV) Certified Components
- FDA Compliant Materials
- Low Shear Design
- Easy to Clean
- Tri-clamp® Fittings
- Interface Capabilities: HART, PROFIBUS, PA/DP, FOUNDATION FIELDBUS
- Suitable for Conductive & Non-Conductive Solutions
- Quick Setup Menus for In-field Commissioning

Common Applications

- Sauces
- Creams
- Dairy Products
- Shampoo & Conditioner
- Pharmaceutical Ingredients
- Pie Fillings

Technical Specifications

Motor Drive:	TEFC (IP54), Variable Speed
Maximum Flow Rate:	8 GPM (30,2 LPM)
Maximum Viscosity Range:	25,000 cps (mPAS)
Immersion Length:	39" (1000 mm)
Accuracy:	+/- 0.30% of Reading
Maximum Temperature:	185° F (85° C)
Bag Liner Series:	Optional pump intake design available for applications with hygienic liners

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

Ultra Mass Series | Air

STANDARD's Ultra Mass Batch Control is an innovative system designed for high frequency dosing applications from drums, Tote® tanks and kettles. Simply dial in your desired volume or weight and the Ultra Mass BCS will deliver a preset dose of product – virtually hands-free. The air systems are ideal for high frequency, continuous duty applications. The system's components are 3A Certified, ensuring the highest quality product suitable for the food processing, pharmaceutical, dairy and biotech industries.



Features

- 3A (TPV) Certified Components
- FDA Compliant Materials
- Low Shear Design
- Easy to Clean
- Tri-clamp® Fittings
- Interface Capabilities: HART, PROFIBUS, PA/DP, FOUNDATION FIELDBUS
- Suitable for Conductive & Non-Conductive Solutions
- Quick Setup Menus for In-field Commissioning

Common Applications

- Sauces
- Creams
- Dairy Products
- Shampoo & Conditioner
- Pharmaceutical Ingredients
- Pie Fillings

Technical Specifications

Motor Drive:	Air Motor, 2.0 HP (1,5 KW)
Maximum Flow Rate:	8 GPM (30,2 LPM)
Maximum Viscosity Range:	25,000 cps (mPAS)
Immersion Length:	39" (1000 mm)
Accuracy:	+/- 0.30% of Reading
Maximum Temperature:	185° F (85° C)
Bag Liner Series:	Optional pump intake design available for applications with hygienic liners

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

Ultra Mag Series | Electric

STANDARD's Ultra Mag Batch Control is engineered for bulk, precision dosing and filling operations from drums, Tote® tanks and kettles – virtually hands-free. This system utilizes a non-invasive Full Bore Magmeter for flow / volume measurement. Simply dial in desired volume, press enter, and the Sanitary Batch Control delivers a preset volume of material within .05% accuracy. The system is an excellent solution for conductive food products, pharmaceuticals, and cosmetic materials.



Features

- 3A Certification
- Large Graphic Display
- Tri-clamp® Fittings
- Low Shear Design
- Non-Invasive Measurement
- Easy To Clean Design
- Multi-language Display
- Standard Or Metric Units Of Measure
- Measures Volume

Common Applications

- Lotions
- Shampoo
- Chocolate
- Pie Fillings
- Juice Concentrates
- Brine
- Pharmaceuticals
- Tomato Paste

Technical Specifications

Motor Drive:	TEFC (IP54), Variable Speed
Maximum Flow Rate:	10 GPM (38 LPM)
Maximum Viscosity:	25,000 cps (mPAS)
Immersion Length:	39" (1000 mm)
Accuracy:	+/- 0.2% of reading (+/- 0.5% Repeatability)
Maximum Temperature:	212° F (100° C)
Bag Liner Series:	Optional pump intake design available for applications with hygienic liners

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

Ultra Mag Series | Air

STANDARD's Ultra Mag Batch Control is engineered for bulk, high frequency dosing and filling operations from drums, Tote® tanks and kettles – virtually hands-free. The air systems are ideal for high frequency, continuous duty applications. This system utilizes a non-invasive Full Bore Magmeter for flow / volume measurement. Simply dial in desired volume, press enter, and the Sanitary Batch Control delivers a preset volume of material within .05% accuracy. The system is an excellent solution for conductive food products, pharmaceuticals, and cosmetic materials.



Features

- 3A Certification
- Large Graphic Display
- Tri-clamp® Fittings
- Low Shear Design
- Non-Invasive Measurement
- Easy To Clean Design
- Multi-language Display
- Standard Or Metric Units Of Measure
- Measures Volume

Common Applications

- Lotions
- Shampoo
- Chocolate
- Pie Fillings
- Juice Concentrates
- Brine
- Pharmaceuticals
- Tomato Paste

Technical Specifications

Motor Drive:	Air Motor, 2.0 HP (1,5 KW)
Maximum Flow Rate:	10 GPM (38 LPM)
Maximum Viscosity:	25,000 cps (mPAS)
Immersion Length:	39" (1000 mm)
Accuracy:	+/- 0.2% of reading (+/-0.5% Repeatability)
Maximum Temperature:	212° F (100° C)
Bag Liner Series:	Optional pump intake design available for applications with hygienic liners

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

Flow Meter & Pump System | Electric

STANDARD's Flow Meter & Pump System is engineered to dispense and meter materials from drums, Tote® tanks and kettles. The system includes a 3A Sanitary Transfer Pump in addition to a 3A Turbine Flow Meter. The meter offers a truly hygienic design and accurate performance. A two-piece design enables operators to quickly disassemble and clean internal components. The proven Flow Meter & Pump System is an excellent choice for metering low viscosity liquids.



Features

- Tri-clamp® Fittings
- 3A Certification
- Turbine Paddle Wheel
- Viscosity to 100 cps (mPas)
- Easy to Clean Design
- Remote Mount Meter Display

Common Applications

- Milk
- Filtered Juice
- Brine Solutions
- Water
- Beer
- Filtered Wine

Technical Specifications

Motor Drive:	TEFC (IP54), Variable Speed
Maximum Flow Rate:	27 GPM (102 LPM)
Maximum Viscosity Range:	100 cps (mPas)
Immersion Length:	39" (1000 mm)
Accuracy:	+/- 0.50% (+/- 0.10% Repeatability)
Maximum Temperature:	175° F (80° C)

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

Flow Meter & Pump System | Air

STANDARD's Flow Meter & Pump System is engineered to dispense and meter materials from drums, Tote® tanks and kettles. The air systems are ideal for high frequency, continuous duty applications. The system includes a 3A Sanitary Transfer Pump in addition to a 3A Turbine Flow Meter. The meter offers a truly hygienic design and accurate performance. A two-piece design enables operators to quickly disassemble and clean internal components. The proven Flow Meter & Pump System is an excellent choice for metering low viscosity liquids.



Features

- Tri-clamp® Fittings
- 3A Certification
- Turbine Paddle Wheel
- Viscosity to 100 cps (mPas)
- Easy to Clean Design
- Remote Mount Meter Display

Common Applications

- Milk
- Filtered Juice
- Brine Solutions
- Water
- Beer
- Filtered Wine

Technical Specifications

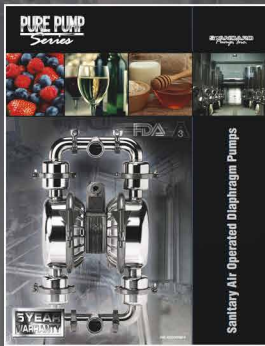
Motor Drive:	Air Motor, 1/2 HP (370 W)
Maximum Flow Rate:	20 GPM (76 LPM)
Maximum Viscosity Range:	100 cps (mPas)
Immersion Length:	39" (1000 mm)
Accuracy:	+/- 0.50% (+/- 0.10% Repeatability)
Maximum Temperature:	175° F (80° C)

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

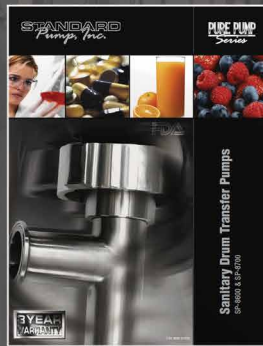
PURE PUMP Series



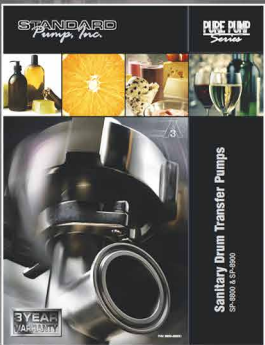
Additional Sanitary Products Available:



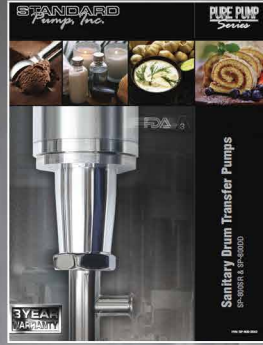
Air Operated
Diaphragm Pumps



FDA Compliant Drum
Pumps

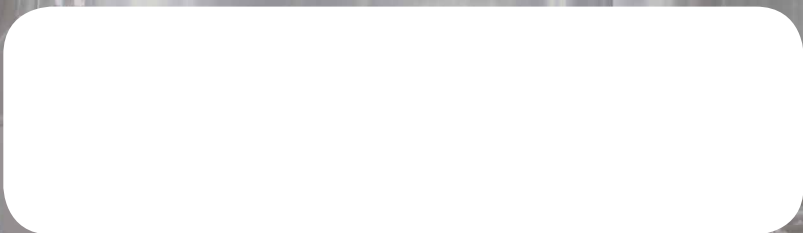


3A Drum Pumps



Progressive Cavity
Drum Pumps

Distributed By:



STANDARD Pump, Inc.

World Headquarters
1540 University Dr.
Auburn, Georgia 30011 USA

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For more information scan this
QR code with your smartphone.