

SAUNDERS® P345 is a polymer based piston operated pneumatic actuator designed to provide superior performance in bioprocess applications.



NEW! REDUCING CO₂ EMISSION IMPACT ON ENVIRONMENT BY 11%

KEY FEATURES INCLUDE:

- ✓ **4.5 BAR OPERATING PRESSURE**
Energy efficiency through reduced air consumption
- ✓ **INDUSTRY LEADING CLOSURE PERFORMANCE**
Up to 10 bar at 100% ΔP for rubber and 6 bar for PTFE diaphragms
- ✓ **25% LIGHTER CONSTRUCTION**
Lighter compared to stainless steel actuators
- ✓ **ECO-FRIENDLY**
14 ton of CO₂ emission reduction driven by lower operating pressure than other actuators



SAUNDERS® P345 Actuator

RELIABLE PERFORMANCE

Design philosophy focused on delivering high cycle life, lower air consumption and a compact design versus diaphragm type actuators.

HYBRID CONSTRUCTION

Polished 316 Stainless Steel Glass filled polyamide combined to create a reliable and captivating device able to withstand typical wash down regimes in the pharma industry.

LIGHTWEIGHT ACTUATOR

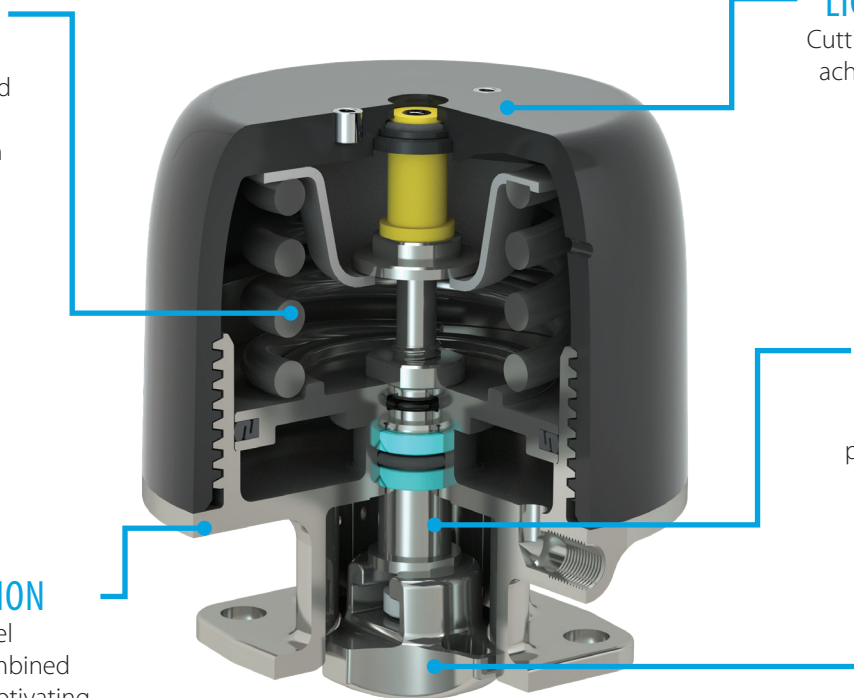
Cutting edge polymer cap design achieving 25% weight reduction for Bio-Pharma applications.

PISTON ACTUATION

Innovative piston design for a reduction in operating pressure by 25% compared to market equivalents.

EASY CHANGE OUT

Modular plug-N-play design offering easy change out of compressors.



Size Range

- DN8 (0.25") – DN50 (2.00")

Modes of Operation

- Spring-to-Close

Material of Construction

- Actuator Shell: Polyamide
- Bonnet: Stainless Steel

Temperature

- Max: 100°C (212°F)
- Min: -10°C (14°F)

Accessory Options

- Saunders –VUE Sensors (Direct Mount)
- Limit open Stop (Spring-to-Close Mode)
- Positioners

Diaphragm Interchangeability

- Unique compressor design that permits easy conversion of the compressor between rubber and PTFE Diaphragms

Product Marking

- Valve Size
- Mode of Operation
- Operating Pressure
- Date of Manufacturing

CRANE CHEMPHARMA & ENERGY

Crane Process Flow Technologies Ltd.
Grange Road
Cwmbran, Gwent
NP44 3XX, United Kingdom
Tel: +44 1633 486666

Crane Co., and its subsidiaries cannot accept responsibility for possible errors in catalogues, brochures, other printed materials, and website information. Crane Co. reserves the right to alter its products without notice, including products already on order provided that such alteration can be made without changes being necessary in specifications already agreed. All trademarks in this material are the property of the Crane Co. or its subsidiaries. The Crane and Crane brands logotype (CENTER LINE®, COMPAC-NOZ®, CRANE®, DEPA® & ELRO®, DOPAK®, DUO-CHEK®, FLOWSEAL®, GYROLOK®, GO REGULATOR®, HOKE®, JENKINS®, KROMBACH®, NOZ-CHEK®, PACIFIC VALVES®, RESISTOFLEX®, REVO®, SAUNDERS®, STOCKHAM®, TEXAS SAMPLING®, TRIANGLE®, UNI-CHEK®, VALVES®, WESTLOCK CONTROLS®, WTA®, and XOMOX®) are registered trademarks of Crane Co. All rights reserved.