



Meat, Poultry and Related Product Applications

Graco Sanitary Solutions



PROVEN QUALITY. LEADING TECHNOLOGY.

Common Materials

- Meat Emulsion
- Blood Slurry/Sludge
- Batter/Breading
- Poultry Viscera
- Unhatched Chicken Eggs
- Meat Sauce
- Chicken Nuggets
- Raw Calamari Ring
- Popcorn Shrimp
- Meat Based Gravies



SaniForce™ 3150 Air-Operated Double Diaphragm Pump

for Meat and Poultry and Related Products

Handles solids up to 6,3 cm (2,5 inches) in diameter

- Fluid contact areas are FDA-Compliant
- Suitable for applications in meat and poultry processing
- Efficiently handles necks, gizzards, livers, hearts, feet and blood slurries
- Easy to clean, quick knockdown design
- Featuring Graco's durable, lube-free, non-sticking air valve



SaniForce 3150
Air-Operated Double
Diaphragm Pump
63,5 cm (2,5 in)



SaniForce™ 3150 Air-Operated Double Diaphragm Pump

for Meat and Poultry

Technical Specifications

Maximum fluid working pressure 8,4 bar, 0,84 MPa (120 psi)

Maximum free flow delivery* 568 l/min (150 gpm)

Maximum suction lift. 3 m (10 ft) wet

Maximum size of pumpable solids 6,3 cm (2,5 in) diameter

Maximum diaphragm operating temperature

Santoprene 82,2°C (180°F)

Buna-N. 82,2°C (180°F)

Fluoroelastomer 121°C (250°F)

EPDM 435°C (275°F)

Typical sound level

at 70 psi air (4.9 bar) air @ 50 cpm 85 dBa

Air pressure operating range. 1,4 to 8,4 bar, 0,14 to 0,84 MPa
(20 to 120 psi)

Air inlet size 1/2 npt(f)

Weight 145 lb

Instruction manual 310622

* Flow rates are with muffler and do not vary based on diaphragm material. Displacement per cycle may vary based on suction condition, discharge head, air pressure and fluid type.

Part number	Pump type	Inlet/Outlet Size	Diaphragm Material
SFP6F1	Flapper	3 in x 3 in	Santoprene
SFP7F1	Flapper	3 in x 3 in	Buna-N
SFP8F1	Flapper	3 in x 3 in	Fluoroelastomer
SFPAF1	Flapper	3 in x 3 in	Overmolded EPDM

All written and visual data contained in this document are based on the latest product information available at the time of publication. Graco reserves the right to make changes at any time without notice.

Graco is certified ISO 9001.

GRACO BVBA Industrieterrein Oude Bunders • Slakweidestraat 31 • B-3630 Maasmechelen
Tel: +32 (89) 770 700 • Fax: +32 (89) 770 777 • E-mail: info@graco-sanitary.com • http://www.graco-sanitary.com

©2011 Graco BVBA 320615E Rev. A 08/11 Printed in Europe.

All other brand names or marks are used for identification purposes and are trademarks of their respective owners.

