

SaniForce™

Drum Unloaders for the Sanitary Industry



Inflatable wiper seals for increased efficiency and faster change of containers

- 99% evacuation rate
- Sanitary flange clamps for quick disassembly
- Liner guard to prevent bags from entering pump
- One size follower plate and seal to accommodate straight-sided and tapered drums

Technical Specifications

SANIFORCE 6:1 PISTON PUMP PACKAGES

| | Double Ball Pump | Priming Piston |
|------------------------------------|--------------------------|--------------------------|
| Max. fluid pressure | 41 bar (4.1 MPa-600 psi) | 41 bar (4.1 MPa-600 psi) |
| Max. flow @ 60 cpm* | 15.1 l/min (4.0 gpm) | 15.1 l/min (4.0 gpm) |
| Viscosity range of package | 25,000-60,000 cps | 60,000-100,000 cps |
| Max. inlet air pressure | 7 bar (0.7 MPa-100 psi) | 7 bar (0.7 MPa-100 psi) |
| Air inlet size (enclosed, exposed) | 1/2 npt(f), 3/4 npt(f) | 1/2 npt(f), 3/4 npt(f) |
| Evacuation efficiency | 99% | 99% |
| Instruction manual | 3A0591 | 3A0591 |

SANIFORCE 5:1 PISTON PUMP PACKAGES

| | Double Ball Pump | Priming Piston |
|------------------------------------|--------------------------|--------------------------|
| Max. fluid pressure | 28 bar (2.8 MPa-400 psi) | 28 bar (2.8 MPa-400 psi) |
| Max. flow @ 60 cpm* | 53 l/min (14 gpm) | 53 l/min (14 gpm) |
| Viscosity range of package | 25,000-60,000 cps | 60,000-100,000 cps |
| Max. inlet air pressure | 5 bar (0.5 MPa-80 psi) | 5 bar (0.5 MPa-80 psi) |
| Air inlet size (enclosed, exposed) | 1/2 npt(f), 3/4 npt(f) | 1/2 npt(f), 3/4 npt(f) |
| Evacuation efficiency | 99% | 99% |
| Instruction manual | 3A0591 | 3A0591 |

SANIFORCE 12:1 PISTON PUMP PACKAGE

| | Priming Piston |
|------------------------------------|---------------------------|
| Max. fluid pressure | 83 bar (8.3 MPa-1200 psi) |
| Max. flow @ 60 cpm* | 32 l/min (8.5 gpm) |
| Viscosity range of package | 60,000 to 250,000 cps |
| Max. inlet air pressure | 7 bar (0.7 MPa-100 psi) |
| Air inlet size (enclosed, exposed) | 1/2 npt(f), 3/4 npt(f) |
| Evacuation efficiency | 99% |
| Instruction manual | 3A0591 |

SANIFORCE 3150 HS PUMP PACKAGE

| | High Sanitation Double Diaphragm |
|------------------------------------|----------------------------------|
| Max. fluid pressure | 8.4 bar (0.84 MPa-120 psi) |
| Max. flow @ 60 cpm* | 234 l/min (60 gpm) |
| Max. flow @ 100 cpm* | 390 l/min (100 gpm) |
| Max. inlet air pressure | 8.4 bar (0.84 MPa-120 psi) |
| Air inlet size (enclosed, exposed) | 1/2 npt(f), 3/4 npt(f) |
| Evacuation efficiency | 99% |
| Instruction manual | 3A0591 |

SANIFORCE 2150 PUMP PACKAGE

| | Double Diaphragm |
|------------------------------------|----------------------------|
| Max. fluid pressure | 8.4 bar (0.84 MPa-120 psi) |
| Max. flow @ 60 cpm* | 234 l/min (60 gpm) |
| Max. flow @ 100 cpm* | 390 l/min (100 gpm) |
| Max. inlet air pressure | 8.4 bar (0.84 MPa-120 psi) |
| Air inlet size (enclosed, exposed) | 1/2 npt(f), 3/4 npt(f) |
| Evacuation efficiency | 99% |
| Instruction manual | 3A0591 |

*Flow rates based on full displacement of lower and S.G. = 1

Ordering Information

SANIFORCE 6:1 PISTON PUMP PACKAGES

| Part No. | Pump No. | Pump Type | Ram Material | Ram Plate No. | Inflatable Seal No. | Control Type | Weight kg (lb) |
|----------|----------|----------------|--------------|---------------|---------------------|--------------|----------------|
| 24D776 | 24G739 | Priming Piston | SST | 16G240 | 16G242 | Exposed | 160 (353) |
| 24D780 | 24G739 | Priming Piston | CS** | 16G240 | 16G242 | Exposed | 169 (372) |
| 24D782 | 24G739 | Priming Piston | SST | 16G240 | 16G242 | Enclosed SST | 166 (367) |
| 24D788 | 24G740 | Double Ball | SST | 16G240 | 16G242 | Exposed | 161 (356) |
| 24D792 | 24G740 | Double Ball | CS** | 16G240 | 16G242 | Exposed | 170 (375) |
| 24D794 | 24G740 | Double Ball | SST | 16G240 | 16G242 | Enclosed SST | 168 (370) |

SANIFORCE 5:1 PISTON PUMP PACKAGES

| Part No. | Pump No. | Pump Type | Ram Material | Ram Plate No. | Inflatable Seal No. | Control Type | Weight kg (lb) |
|----------|----------|----------------|--------------|---------------|---------------------|--------------|----------------|
| 24D708 | 24G741 | Priming Piston | SST | 16G240 | 16G242 | Exposed | 187 (413) |
| 24D712 | 24G741 | Priming Piston | CS** | 16G240 | 16G242 | Exposed | 196 (433) |
| 24D714 | 24G741 | Priming Piston | SST | 16G240 | 16G242 | Enclosed SST | 194 (428) |
| 24D720 | 24G742 | Double Ball | SST | 16G240 | 16G242 | Exposed | 189 (417) |
| 24D724 | 24G742 | Double Ball | CS** | 16G240 | 16G242 | Exposed | 198 (437) |
| 24D726 | 24G742 | Double Ball | SST | 16G240 | 16G242 | Enclosed SST | 196 (432) |

SANIFORCE 12:1 PISTON PUMP PACKAGE

| Part No. | Pump No. | Pump Type | Ram Material | Ram Plate No. | Inflatable Seal No. | Control Type | Weight kg (lb) |
|----------|----------|----------------|--------------|---------------|---------------------|--------------|----------------|
| 24D647 | 24F625 | Priming Piston | SST | 16G240 | 16G242 | Exposed | 200 (440) |
| 24D651 | 24F625 | Priming Piston | CS** | 16G240 | 16G242 | Exposed | 208 (459) |
| 24D653 | 24F625 | Priming Piston | SST | 16G240 | 16G242 | Enclosed SST | 206 (454) |
| 24F188* | 24F626 | Priming Piston | SST | 16G240 | 16G242 | Exposed | 200 (440) |
| 24F189* | 24F626 | Priming Piston | CS** | 16G240 | 16G242 | Exposed | 208 (459) |
| 24F190* | 24F626 | Priming Piston | SST | 16G240 | 16G242 | Enclosed SST | 206 (454) |

SANIFORCE 3150 HS PUMP PACKAGE

| Part No. | Pump No. | Pump Type | Ram Material | Ram Plate No. | Inflatable Seal No. | Control Type | Weight kg (lb) |
|----------|----------|-----------|--------------|---------------|---------------------|--------------|----------------|
| 24D922 | 24C124 | Ball | SST | 16G241 | 16G242 | Exposed | 194 (428) |
| 24D926 | 24C124 | Ball | CS** | 16G241 | 16G242 | Exposed | 201 (443) |
| 24D928 | 24C124 | Ball | SST | 16G241 | 16G242 | Enclosed SST | 200 (442) |
| 24D932 | 248273 | Ball | CS** | 16G241 | 16G242 | Exposed | 201 (443) |
| 24D936 | 248273 | Ball | SST | 16G241 | 16G242 | Enclosed SST | 200 (442) |
| 24D940 | 248273 | Ball | SST | 16G241 | 16G242 | Exposed | 194 (428) |
| 24D944 | 248274 | Flapper | SST | 16G241 | 16G242 | Exposed | 194 (428) |
| 24D948 | 248274 | Flapper | CS** | 16G241 | 16G242 | Exposed | 201 (443) |
| 24D952 | 248274 | Flapper | SST | 16G241 | 16G242 | Enclosed SST | 200 (442) |

SANIFORCE 2150 PUMP PACKAGE

| Part No. | Pump No. | Pump Type | Ram Material | Ram Plate No. | Inflatable Seal No. | Control Type | Weight kg (lb) |
|----------|----------|-----------|--------------|---------------|---------------------|--------------|----------------|
| 24G542 | 24G743 | Ball | SST | 16G241 | 16G242 | Exposed | 204 (450) |
| 24F191 | 24G743 | Ball | CS** | 16G241 | 16G242 | Exposed | 210 (464) |
| 24G543 | 24G743 | Ball | SST | 16G241 | 16G242 | Enclosed SST | 210 (464) |
| 24F192 | 24G744 | Ball | SST | 16G241 | 16G242 | Exposed | 204 (450) |
| 24F193 | 24G744 | Ball | CS** | 16G241 | 16G242 | Exposed | 210 (464) |
| 24F194 | 24G744 | Ball | SST | 16G241 | 16G242 | Enclosed SST | 210 (464) |

**CS = Painted carbon steel

*For use with viscous materials

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

©2010 Graco Inc. 338590E Rev. C 01/11 Printed in Europe.

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

