

# 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	up to 75,000 cps	up to 125,000 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	up to 200,000 cps	up to 750,000 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	up to 1,000,000 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.

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