



SaniForce™ Elevator

For use with SaniForce 2:1, 5:1 and 6:1 Sanitary Piston Pumps



For use in sanitary applications to transfer low to medium viscosity fluids with SaniForce 2:1, 5:1 and 6:1 piston pumps

- FDA-compliant
- Designed to lower pumps into and lift pumps out of drums, bins and totes
- Articulating arm allows for multiple containers to be unloaded from the same location
- Mobile and stationary options available
- Ideal for small to medium size companies who currently unload containers by scooping or using chains/hoists

PROVEN QUALITY. LEADING TECHNOLOGY.

Technical Specifications

Maximum air inlet pressure 7 bar (0.7 MPa, 100 psi)
 Maximum fluid working pressure
 SaniForce 2:1 Piston Pump 17 bar (1.7 MPa, 250 psi)
 SaniForce 5:1 Piston Pump 28 bar (2.8 MPa, 400 psi)
 SaniForce 6:1 Piston Pump 44 bar (4.5 MPa, 650 psi)

Maximum ambient temperature (air motor) 49°C (120°F)
 Maximum weight capacity for elevator 91 kg (200 lb)
 Air inlet 1/2 npt(f)
 Sound data See pump manual
 Wetted parts See pump manual
 Instructions/Parts Manual 333406

Ordering Information

| Model | Cart & Handle | Stationary Base | Pump | Packings | Pump Brackets | Weight |
|--------|---------------|-----------------|------|----------|---------------|-----------------|
| 24V310 | x | | – | – | 24V303 | 138 kg (305 lb) |
| 24V311 | | x | – | – | 24V303 | 77 kg (170 lb) |
| 24V312 | x | | – | – | 24V307 | 138 kg (305 lb) |
| 24V313 | | x | – | – | 24V307 | 77 kg (170 lb) |
| 24V314 | x | | – | – | 24V304 | 138 kg (305 lb) |
| 24V315 | | x | – | – | 24V304 | 77 kg (170 lb) |
| 24V316 | x | | 2:1 | UHMWPE | 24V303 | 150 kg (330 lb) |
| 24V317 | x | | 2:1 | PTFE | 24V303 | 150 kg (330 lb) |
| 24V318 | | x | 2:1 | UHMWPE | 24V303 | 88 kg (195 lb) |
| 24V319 | | x | 2:1 | PTFE | 24V303 | 88 kg (195 lb) |
| 24V320 | x | | 6:1 | Buna-N | 24V307 | 155 kg (342 lb) |
| 24V321 | x | | 6:1 | PTFE | 24V307 | 155 kg (342 lb) |
| 24V322 | | x | 6:1 | Buna-N | 24V307 | 94 kg (207 lb) |
| 24V323 | | x | 6:1 | PTFE | 24V307 | 94 kg (207 lb) |
| 24V324 | x | | 5:1 | Varied | 24V304 | 193 kg (425 lb) |
| 24V325 | | x | 5:1 | Varied | 24V304 | 132 kg (290 lb) |

Container Evacuation Solutions



**SaniForce 515
FDA Diaphragm Pump**
up to 5,000 cps

**SaniForce 2:1
Piston Pump**
up to 50,000 cps

**SaniForce 6:1
Piston Pump**
up to 100,000 cps

**SaniForce Diaphragm Pump
Drum Unloaders**
up to 100,000 cps

**SaniForce Piston Pump
Drum Unloaders**
up to 1,000,000 cps*

*When used with priming piston pump

**SaniForce BES
(Bin Evacuation Systems)**
up to 1,000,000 cps*

*When used with priming piston pump

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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