



First choice when  
quality counts.™

# Back-Geared Agitator

## Heavy-Duty, Stainless Steel

**Graco's new  
drum agitator  
provides  
thorough  
mixing of  
shear-sensitive,  
high solids and  
fast-settling  
fluids**

- **304 SST passivated construction makes agitator suitable for all waterborne, acid-catalized, and solventborne fluids up to 3000 centipoise**
- **Wide, full-width blades provide thorough mixing of material, lessens leftover sediment waste**
- **Gentle rpm reduces material degradation, prevents aeration and improves quality of finished work**
- **Optional SST siphon tube provides a patented way to evacuate fluids through the agitator shaft**



Model 231-414  
Siphon Agitator Package



Model 238-157  
and 238250  
Back-geared  
SST Agitator  
shown with optional  
center siphon tube

Graco let the customer define this new drum agitator. With its full-width blades, this powerful agitator quickly and gently mixes fluids, minimizing leftover sediment at the bottom of the container. More importantly, it maintains the integrity of the fluid to assure optimum quality standards.

### Typical Fluids Handled

- Quick-settling stains to high solids and full-bodied waterborne materials

### Typical Industries Where Used

- Wood
- Metal fabrication
- Farm & construction
- Paint manufacturers
- Automobile assembly
- Automobile feeder

## Technical Specifications

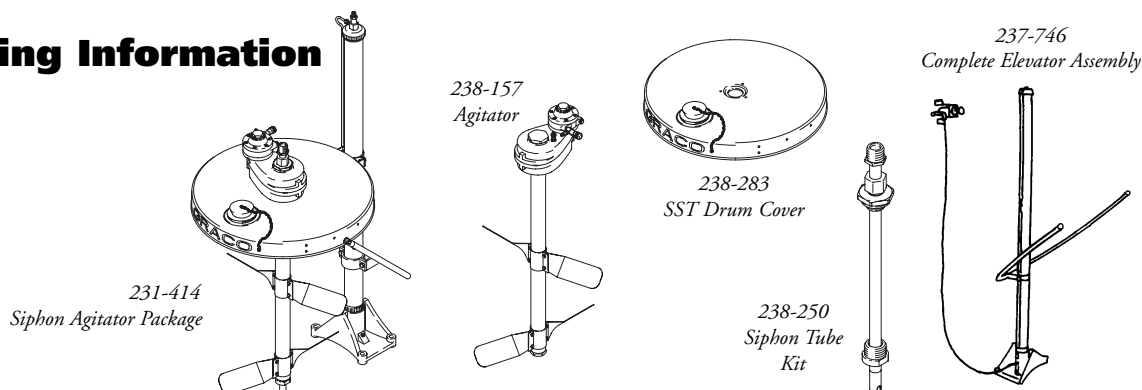
Max. air input pressure	7 bar (100 psi)
Siphon tube outlet	1 npt(m)
Max. flow at 100 cps	45.5 l/min. (12 U.S. gpm)
Max. flow at 1000 cps	4.5 l/min. (1.2 U.S. gpm)
Motor power rating	
At 1200 rpm	0.25 hp (186 W)
(shaft at 50 rpm) using 0.34 m <sup>3</sup> /min (12 cfm)	
At 2400 rpm	0.6 hp (373 W)
(shaft at 100 rpm) using 0.56 m <sup>3</sup> /min (20 cfm)	
Max. recommended shaft rpm	100
Gear reducer ratio	24:1
Span of agitator blades	508 mm (20 in.)
Max. air input pressure	7 bar (100 psi)
Weight	15.2 kg (33.5 lb.)
Height	
From top of air motor to end of agitator shaft (no nut)	97 cm (38 in.)
Wetted parts	304, 304/304L SST, Delrin® A/F, nylon, Teflon®
Instruction manual	308-609

Delrin® and Teflon® are registered trademarks of Du Pont.

## Accessories

- 238-283 SST Drum Cover**  
Cover features a recessed port for center-mount agitator (238-157). Also features inspection port with plug, 12 gauge.
- 237-524 Drum Cover Handles**  
Includes two SST handles with fasteners. (Do not use handles to manually lift cover with agitator unless two people will be lifting.)
- 112-924 Drum Lip Gasket**  
Disposable, snap fit onto drum for maximum evaporation prevention.
- 237-746 Complete Elevator Assembly**  
Includes wishbone support, fixed base and air controls.
- 238-251 Bearing Repair Kit**

## Ordering Information



### 231-413 Non-Siphon Agitator Package C€

Package includes: agitator, drum cover, and elevator.

### 231-414 Siphon Agitator Package

Package includes: agitator, siphon tube, drum cover, and elevator. C€

### 238-157 Back-Geared, Air-Powered Agitator Without Siphon Tube Kit.

### 238-250 Siphon Tube Kit

Allows siphon feeding through the agitator shaft instead of a separate siphon tube.

Graco is registered to I.S. EN ISO 9001.  
Any and all specifications contained herein are subject to change without notice.



GRACO N.V.  
Slakweidestraat 31  
B-3630 Maasmechelen  
Tel: (32) 89 770 700 • Fax: (32) 89 770 777  
www.graco.com (US) • www.graco.be (Europe)