



# Endura-Flo™

## High Pressure Diaphragm Pumps



### High Pressure and Flow Rate in a Small, Compact Pump

- Long lasting durability
- Low maintenance
- Low pulsation and smooth changeover
- Innovative compact, modular design for fast online repair
- Minimal solvent to flush
- 360° mounting option

PROVEN QUALITY. LEADING TECHNOLOGY.

# Endura-Flo™ - More than just extra pressure

## Save Time and Money with Less Downtime

The simple, modular and compact design of Endura-Flo not only ensures long-lasting durability, but it also withstands runaway conditions better than other diaphragm pumps. This easy-to-install pump offers low pulsation output and smooth changeover for quick colour changes, saving you time and money. With the Endura-Flo 4:1 pumps you have one of the highest pressure ratio pumps available in the category of small to medium size paint supply and paint circulation systems.



### Extra Pressure

#### Endura-Flo 4:1

Maximize your performance with the industries highest output pressure.



### Extra Life

#### Endura-Flo 3:1

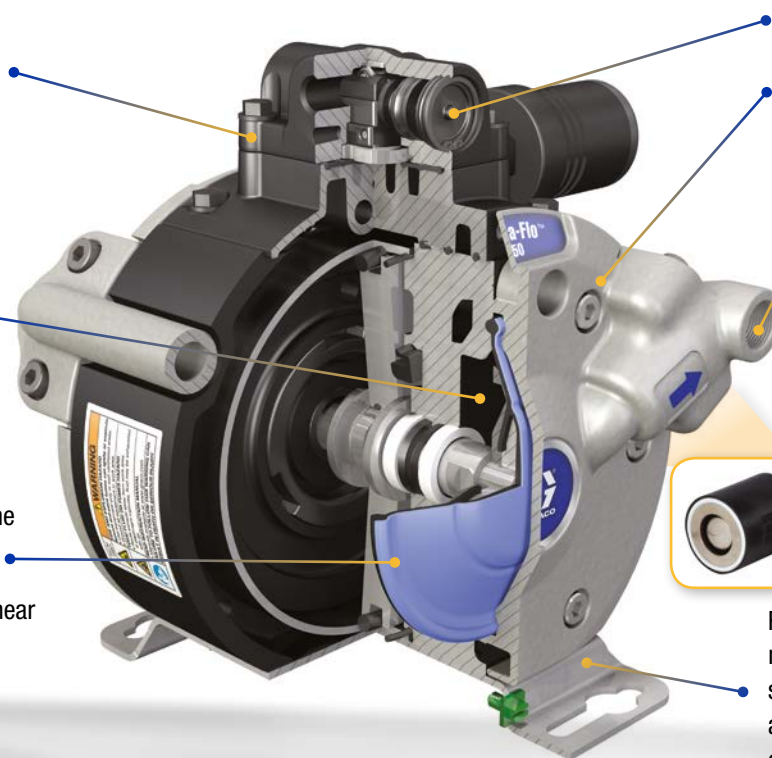
Isolated Air Section extends diaphragm life with airless backing.

Isolated air section makes the 3:1 Endura-Flo the only pump in the industry that does not leak paint in the air section if a diaphragm fails

Extended Pressure 4:1 pump has air backed diaphragm to produce industry leading pressure delivery

Redesigned diaphragm lasts longer and can hold up to extreme operating conditions better

Diaphragm pump ensures low shear of sensitive materials



Easy access to critical components provides fast online maintenance

Spring-loaded check cartridges allow for fast online maintenance

Rotatable fluid manifolds, mounting brackets and spring-loaded check cartridges accommodate a variety of custom mounting options

## Automated Reporting

Environmental regulations are on the rise and keeping up with them is no easy task. Consider doing away with time-consuming and costly manual reporting and try automated reporting instead. With the help of DataTrak, the Endura-Flo does all of the data recording work for you.

## Upgrade to DataTrak™

- Easy-to-set runaway protection
- Pump diagnostics for maintenance
- Resettable batch counter tracks material usage and maintenance schedule



## Ideal Solution for Multiple Colour Change and Piggable Systems

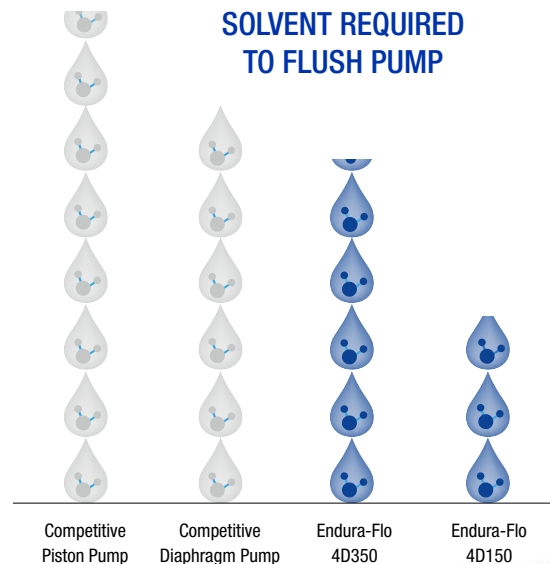
- Fluid section can be purged with air or solvent
- Requires very little solvent to flush
- Unique fluid flow design efficiently flushes pump
- Consistent startup pressure
- ATEX approved

### Typical Fluids Handled

- Waterborne and solventborne paints
- Catalysed coatings
- Moisture-sensitive materials
- UV-cure coatings

### Typical Applications

- Piggable paint systems
- Paint circulation
- Fluid transfer and supply



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## High Pressure Diaphragm Pumps

### Ordering Information

4:1 Part No.	3:1 Part No.	Description	Size	Manifolds	DataTrak™
24W345	25M739	Endura-Flo 4D150, Tri-Clamp Fittings	150 cc	Tri-Clamp	No
24W346	25M740	Endura-Flo 4D150, NPT Fittings	150 cc	NPT	No
24W347	25M741	Endura-Flo 4D150, BSPP Fittings	150 cc	BSPP	No
24W348	25M742	Endura-Flo 4D150, Tri-Clamp Fittings, DataTrak	150 cc	Tri-Clamp	Yes
24W349	25M743	Endura-Flo 4D150, NPT Fittings, DataTrak	150 cc	NPT	Yes
24W350	25M744	Endura-Flo 4D150, BSPP Fittings, DataTrak	150 cc	BSPP	Yes
24W351	25M757	Endura-Flo 4D350, Tri-Clamp Fittings	350 cc	Tri-Clamp	No
24W352	25M758	Endura-Flo 4D350, NPT Fittings	350 cc	NPT	No
24W353	25M759	Endura-Flo 4D350, BSPP Fittings	350 cc	BSPP	No
24W354	25M760	Endura-Flo 4D350, Tri-Clamp Fittings, DataTrak	350 cc	Tri-Clamp	Yes
24W355	25M761	Endura-Flo 4D350, NPT Fittings, DataTrak	350 cc	NPT	Yes
24W356	25M762	Endura-Flo 4D350, BSPP Fittings, DataTrak	350 cc	BSPP	Yes

### Kits (\* Kit includes replacement air valve compatible with solenoid)

Part No.	Description
17H315	Floor Stand Kit
17H319	Endura-Flo 4D150 Standard Air Valve
17H318	Endura-Flo 4D150 DataTrak Air Valve
17H317	Endura-Flo 4D350 Standard Air Valve
17H316	Endura-Flo 4D350 DataTrak Air Valve
24Y304	Endura-Flo 4D150 DataTrak Conversion Kit*
24Y306	Endura-Flo 4D350 DataTrak Conversion Kit*

Part No.	Description
25D984	Conversion Kit 150 (Converts 4:1 to 3:1)
25D985	<b>Conversion Kit 350 (Converts 4:1 to 3:1)</b>

### Technical Specifications

Ratio	150 cc Model		350 cc Model	
	4:1	3:1	4:1	3:1
Maximum Fluid Working Pressure	28 bar (400 psi)	21 bar (300 psi)	28 bar (400 psi)	21 bar (300 psi)
Maximum Air Input Pressure	7 bar (100 psi)		7 bar (100 psi)	
Ratio	4:1		4:1	
Maximum Recommended Continuous Cycle Rate	20 cpm		20 cpm	
Fluid Flow at 60 cpm	9.0 lpm (2.4 gpm)		21.0 lpm (5.5 gpm)	
Volume per Cycle (double stroke)	150 cc		350 cc	
Fluid Inlet	1 in. Tri-Clamp; 1/2 in NPT, or 1/2 in BSPP		1 in. Tri-Clamp; 3/4 in NPT, or 3/4 in BSPP	
Fluid Outlet	1 in. Tri-Clamp; 1/2 in NPT, or 1/2 in BSPP		1 in. Tri-Clamp; 3/4 in NPT, or 3/4 in BSPP	
Pump Manual	333015		333015	
DataTrak™ Kit Instructions	313840		313840	

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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