



INSTRUCTIONS

This manual contains important warnings and information.
READ AND KEEP FOR REFERENCE.

First choice when quality counts.™

Husky™ 307 Air-Operated Diaphragm Pump

100 psi (0.7 MPa, 7 bar) Maximum Fluid Working Pressure

100 psi (0.7 MPa, 7 bar) Maximum Air Input Pressure

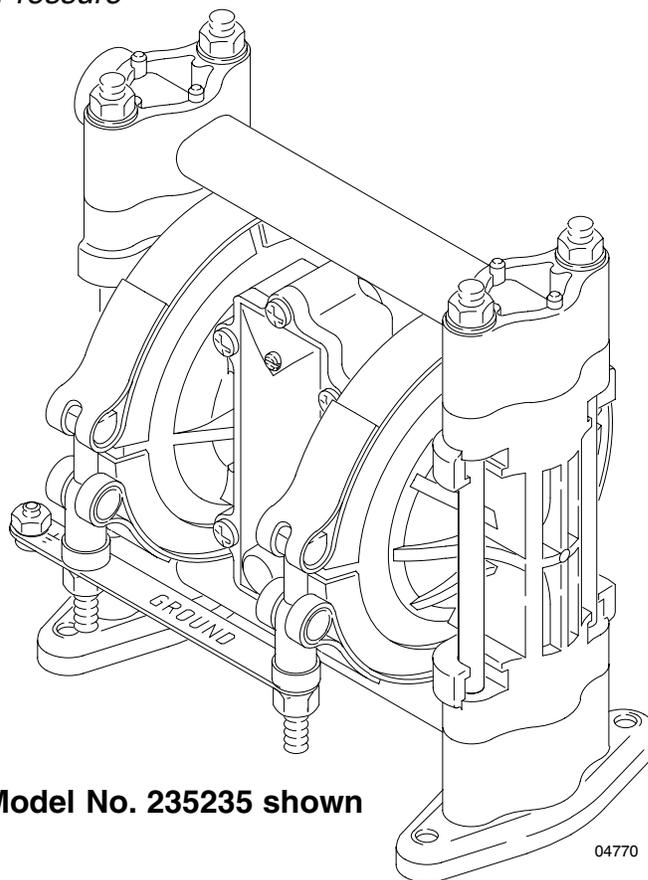
Model No. 235235, Series F

Polypropylene Pump with Santoprene® diaphragms and with feet

Model No. 235237, Series F

Polypropylene Pump with Santoprene® diaphragms and with base bracket

NOTE: REFER TO INSTRUCTION MANUAL 308553 (SUPPLIED) FOR IMPORTANT SAFETY WARNINGS AND INSTALLATION, OPERATION, AND SERVICE INSTRUCTIONS.



Model No. 235235 shown

04770

Parts

Model No. 235235, Series F

Polypropylene pump with Santoprene® diaphragms and with feet

Model No. 235237, Series F

Polypropylene pump with Santoprene® diaphragms and with base bracket

Ref. No.	Part No.	Description	Qty
1	187705	HOUSING, center; polypropylene	1
2†	187706	COVER, air valve; polypropylene	1
3†	187722	SPRING, compression; sst	1
4†	187853	STOP, link; acetal	1
5†	192675	CUP, valve; acetal	1
6†	187728	SPRING, compression; sst	1
7†	187730	COLLAR, detent; sst	1
8†	111629	BALL, detent; carbide	1
9†	187726	BEARING, link; acetal	1
10	111631	SCREW, thread-forming; 1/4–20; 0.375 in. (9.5 mm) long	2
12	187719	SEAL, plate, valve; buna-N	1
13	187720	PLATE, valve; sst	1
14†	187718	SADDLE, shift; acetal	1
15†	111630	SCREW, thread-forming; 10–14 size; 0.75 in. (19 mm)	7
16†	187724	LINK, actuator; sst	1
17†	188175	SPACER, link; acetal	1
18†	111750	WASHER, plain; sst	1
19†	111624	O-RING; buna-N	1
20†	111625	O-RING; buna-N	1
21†	187727	SHAFT, reset; sst	1
22†	192526	LINK, detent; sst	1
23‡	191781	SHAFT, diaphragm; sst	1
24	112933	MUFFLER	1
26†	111920	GREASE, general purpose; 0.375 oz. (10.5 g); not shown	1
30‡	113704	O-RING; Viton	2
31‡	191779	BEARING; acetal	2

Ref. No.	Part No.	Description	Qty
101	187702	COVER, fluid; polypropylene	2
102	235338	MANIFOLD; polypropylene	2
103	187712	PLATE, fluid side; polypropylene	2
104	188999	ROD, tie; 5/16–18	4
105	111003	WASHER, flat; M8	4
106	108946	NUT; 5/16–18	8
107	187721	FEET (<i>Model 235235</i>)	2
107	113145	BRACKET, base (<i>Model 235237</i>)	1
108*	111603	O-RING; PTFE	8
109▲	187732	LABEL, warning	1
111	187820	CLAMP	2
113	112499	NUT, clamp; 1/4–28	2
118	191741	PLATE, air side; sst	2
201*	187710	SEAT; polypropylene	4
202*	187708	GUIDE; polypropylene	4
301*	113221	BALL; Santoprene®	4
401*	190754	DIAPHRAGM; Santoprene®	2
404*	166071	O-RING; buna-N	2

† Included in Air Valve Kit 239952, which may be purchased separately. The kit includes only one screw (15), shown in the Detail on page 3, and a tube of grease (26).

‡ Included in Diaphragm Shaft Kit 239014, which may be purchased separately.

* Included in Pump Repair Kit D03977, which may be purchased separately.

▲ Replacement Danger and Warning labels, tags, and cards are available at no cost.

Santoprene® is a registered trademark of the Monsanto Company.

Parts

△₁ Only included with pump Model No. 235235.

△₂ Only included with pump Model No. 235237.

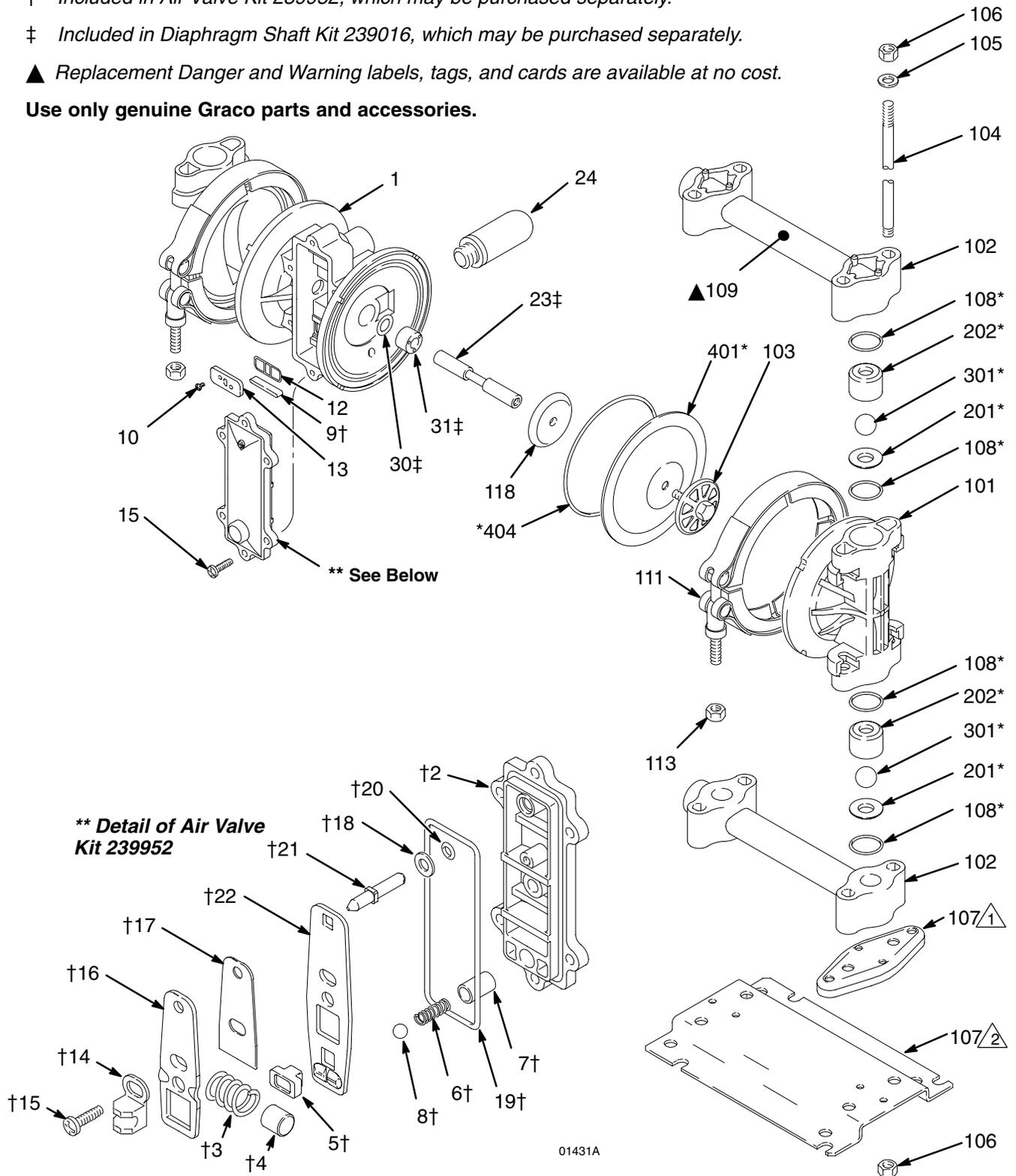
* Included in Pump Repair Kit D03977, which may be purchased separately.

† Included in Air Valve Kit 239952, which may be purchased separately.

‡ Included in Diaphragm Shaft Kit 239016, which may be purchased separately.

▲ Replacement Danger and Warning labels, tags, and cards are available at no cost.

Use only genuine Graco parts and accessories.



Technical Data

Refer to manual 308553 (supplied) for Technical Data and Performance Charts. For wetted parts, refer to the Parts List on page 2.

Graco Standard Warranty

Graco warrants all equipment referenced in this document which is manufactured by Graco and bearing its name to be free from defects in material and workmanship on the date of sale by an authorized Graco distributor to the original purchaser for use. With the exception of any special, extended, or limited warranty published by Graco, Graco will, for a period of twelve months from the date of sale, repair or replace any part of the equipment determined by Graco to be defective. This warranty applies only when the equipment is installed, operated and maintained in accordance with Graco's written recommendations.

This warranty does not cover, and Graco shall not be liable for general wear and tear, or any malfunction, damage or wear caused by faulty installation, misapplication, abrasion, corrosion, inadequate or improper maintenance, negligence, accident, tampering, or substitution of non-Graco component parts. Nor shall Graco be liable for malfunction, damage or wear caused by the incompatibility of Graco equipment with structures, accessories, equipment or materials not supplied by Graco, or the improper design, manufacture, installation, operation or maintenance of structures, accessories, equipment or materials not supplied by Graco.

This warranty is conditioned upon the prepaid return of the equipment claimed to be defective to an authorized Graco distributor for verification of the claimed defect. If the claimed defect is verified, Graco will repair or replace free of charge any defective parts. The equipment will be returned to the original purchaser transportation prepaid. If inspection of the equipment does not disclose any defect in material or workmanship, repairs will be made at a reasonable charge, which charges may include the costs of parts, labor, and transportation.

THIS WARRANTY IS EXCLUSIVE, AND IS IN LIEU OF ANY OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO WARRANTY OF MERCHANTABILITY OR WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE.

Graco's sole obligation and buyer's sole remedy for any breach of warranty shall be as set forth above. The buyer agrees that no other remedy (including, but not limited to, incidental or consequential damages for lost profits, lost sales, injury to person or property, or any other incidental or consequential loss) shall be available. Any action for breach of warranty must be brought within two (2) years of the date of sale.

GRACO MAKES NO WARRANTY, AND DISCLAIMS ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, IN CONNECTION WITH ACCESSORIES, EQUIPMENT, MATERIALS OR COMPONENTS SOLD BUT NOT MANUFACTURED BY GRACO. These items sold, but not manufactured by Graco (such as electric motors, switches, hose, etc.), are subject to the warranty, if any, of their manufacturer. Graco will provide purchaser with reasonable assistance in making any claim for breach of these warranties.

In no event will Graco be liable for indirect, incidental, special or consequential damages resulting from Graco supplying equipment hereunder, or the furnishing, performance, or use of any products or other goods sold hereto, whether due to a breach of contract, breach of warranty, the negligence of Graco, or otherwise.

FOR GRACO CANADA CUSTOMERS

The parties acknowledge that they have required that the present document, as well as all documents, notices and legal proceedings entered into, given or instituted pursuant hereto or relating directly or indirectly hereto, be drawn up in English. Les parties reconnaissent avoir convenu que la rédaction du présente document sera en Anglais, ainsi que tous documents, avis et procédures judiciaires exécutés, donnés ou intentés à la suite de ou en rapport, directement ou indirectement, avec les procédures concernées.

Graco Phone Number

TO PLACE AN ORDER, contact your Graco distributor, or call this number to identify the distributor closest to you:
1-800-367-4023 Toll Free

*All written and visual data contained in this document reflects the latest product information available at the time of publication.
Graco reserves the right to make changes at any time without notice.*

Sales Offices: Minneapolis, Detroit
International Offices: Belgium, Korea, Hong Kong, Japan

GRACO INC. P.O. BOX 1441 MINNEAPOLIS, MN 55440-1441

www.graco.com

PRINTED IN USA 308554 February 1995, Revised June 2000