

# INSTRUCTIONS—PARTS LIST



309323E



## Important Safety Instructions

- Read all warnings and instructions in this manual. Save these instructions.

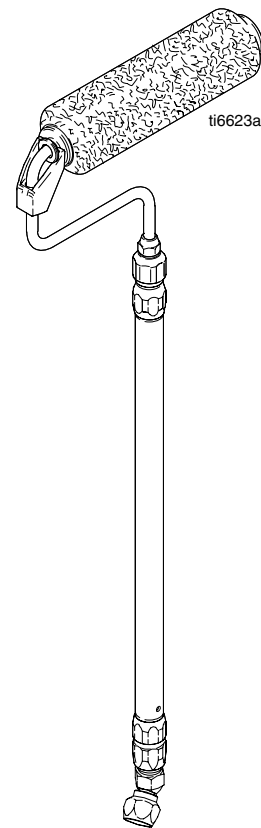
# Pressure Roller with 20” Fixed Extension

## Model 244279, Series C

- 20 in. (50 cm) heavy-duty extension
- 9 in. (23 cm) roller frame
- 1/2 in. (13 mm) nap roller cover
- 45° swivel adapter

3600 psi (24.8 MPa, 248 bar) Maximum Fluid Inlet Pressure \*

- \* The best operating pressure is the lowest pressure that provides an even paint supply to the roller and typically does not exceed 300 psi (2.1 MPa, 21 bar).



## ⚠ CAUTION

Never leave water in the pump, gun, or pressure roller. Doing so could cause corrosion and damage from freezing. For storage, flush the system with Graco Pump Armor™ or mineral spirits/paint thinner.

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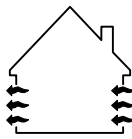


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# Warnings and Cautions

 <b>WARNING</b>	
<p><b>EQUIPMENT MISUSE HAZARD</b> Misuse can cause the equipment to rupture or malfunction and result in serious injury.</p> <p><b>To help prevent injury</b></p> <ul style="list-style-type: none"> <li>Do not modify the extension tube or roller frame or use parts not designed for this equipment.</li> <li>Do not use 1,1,1-trichloroethane, methylene chloride, other halogenated hydrocarbon solvents or fluids containing such solvents in this or any other pressurized aluminum equipment. Such use could result in a chemical reaction, with the possibility of explosion.</li> </ul>	 <b>INSTRUCTIONS</b>  
<p><b>FIRE AND EXPLOSION HAZARD</b> Improper grounding, poor ventilation, open flames or sparks can cause a hazardous condition and result in a fire or explosion and serious injury.</p> <p><b>To help prevent injury from fire or explosion</b></p> <ul style="list-style-type: none"> <li>Provide fresh air ventilation to avoid the buildup of flammable fumes from flushing fluids or the coating being applied.</li> <li>Keep the application area free of debris, including solvent, rags, and gasoline.</li> </ul>	  
<p><b>SKIN INJECTION HAZARD</b> If high-pressure fluid pierces your skin, the injury might look like "just a cut". But it is a serious wound. Get immediate surgical treatment.</p> <p><b>To help prevent injection</b></p> <ul style="list-style-type: none"> <li>Keep your hands and body away from the roller frame when flushing. High pressure fluid emitted from the holes in the frame could cause an injection injury.</li> <li>Always relieve pressure before you check or repair leaks and when you turn off pump or stop painting.</li> <li>Never use components rated less than system <i>Maximum Working Pressure</i>.</li> </ul>	
<p><b>ELECTROCUTION HAZARD</b> Failure to observe the electrical hazards described below could result in serious injury, including burns or electrocution.</p> <p><b>To help prevent harmful electrical shock</b></p> <ul style="list-style-type: none"> <li>Avoid contact with power lines.</li> <li>Follow all grounding instructions in your separate pump and gun instruction manual, and comply with all local, state, and national fire, electrical, and safety regulations.</li> <li>Use only Graco paint hoses.</li> </ul>	

## Additional Roller Covers

The following pressure roller covers are available at your local distributor:

- 107589** 9 in. (23 cm); 3/8 in. (9.5 mm) nap
- 107590** 9 in. (23 cm); 1/2 in. (13 mm) nap
- 107591** 9 in. (23 cm); 3/4 in. (19 mm) nap
- 107592** 9 in. (23 cm); 1-1/4 in. (32 mm) nap

# Installation

Assemble the pressure roller as shown in the **Parts Drawing** on page 3. Attach pressure roller assembly to spray gun.

## Pressure Relief Procedure

### **WARNING**



psi/MPa/bar

To help prevent injection injuries, follow this procedure whenever you stop painting.

1. Put gun trigger safety in SAFETY ON position.
2. Shut off power to pump.
3. Turn prime/spray valve to the PRIME position to relieve pressure in system.
4. Put gun trigger safety in SAFETY OFF position, and trigger gun to relieve any pressure in hose.
5. Put gun trigger safety in SAFETY ON position, and keep pump prime/spray valve in PRIME position until you paint again.

## Operation

1. Follow pump priming instructions using lowest pressure setting at which pump primes.
  2. Turn prime/spray valve to SPRAY position.
  3. Disengage gun safety latch, trigger the gun, and roll the surface until paint comes to roller.
- NOTE:** Trigger the gun briefly only when you need more paint. Determine how often you must trigger the gun to maintain an even paint supply to the roller.
4. Increase pump pressure only if triggering gun cannot supply enough paint for your rolling speed.



See **Pressure Relief Procedure** on page 2.

5. Whenever you stop painting, **relieve the pressure**, and elevate roller end of extension tube to prevent paint from draining out.

Flush the pump, gun, and pressure roller immediately after each use to prevent paint from drying in the pressure roller and damaging it. See **Cleaning** on page 3.

# Cleaning

This is the procedure for flushing the pressure roller. The pump and gun you are using may have additional flushing steps, such as cleaning filters and screens. See the pump and gun flushing instructions.

**NOTE:** Leave the pressure roller attached to the gun for this procedure.



See **Pressure Relief Procedure** on page 2.

1. **Relieve the pressure.**
2. Remove roller cover (19) and diffuser (23) from roller frame as follows (see **Parts Drawing**):
  - a. Using your thumb, press down on clip (5) to release end caps (2 & 4), diffuser (23) and roller cover (19) into a pail.
  - b. Remove roller cover (19) from diffuser (23).
  - c. Pull end caps (2 & 4) off diffuser (23).
3. Clean roller cover (19), caps (2 & 4) and diffuser (19) with water or a compatible fluid for oil-based materials.
4. Place roller frame (1) in paint pail. Be sure the holes in roller frame (1) are facing inside the paint pail.
5. Prime pump with water or flushing fluid for oil-based materials. Use the lowest pump priming pressure setting.
6. Turn prime/spray valve to **SPRAY**.

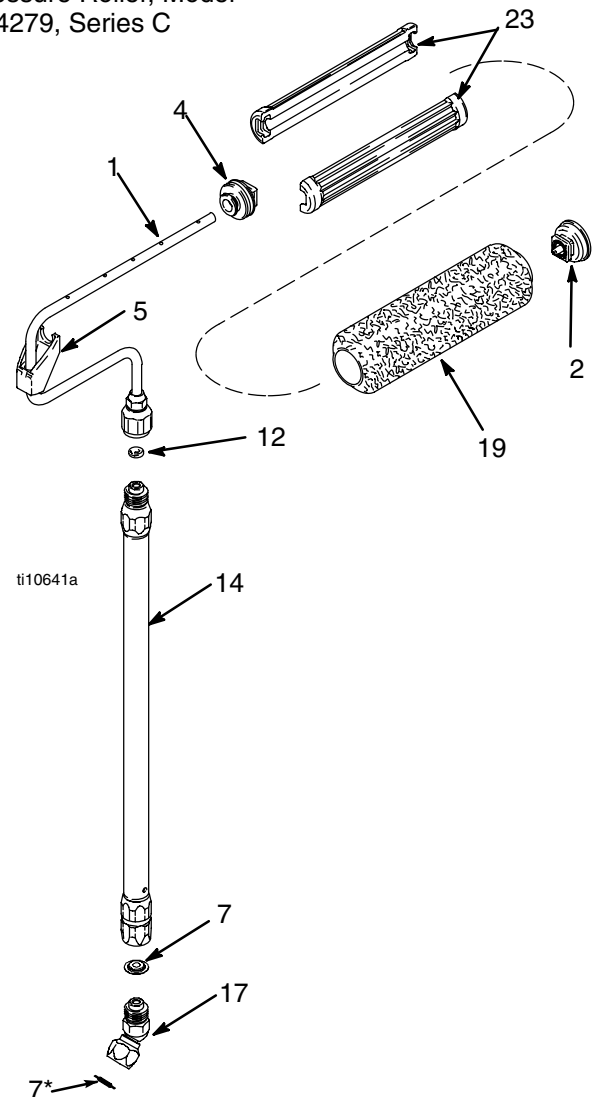
**NOTE:** Perform Step 7 at the lowest pressure possible.

7. Trigger gun until flushing fluid begins to dilute the paint.
8. Place roller frame (1) in another bucket and continue flushing until fluid coming out of the roller frame (1) is clear.
9. Shut off the pump. Turn prime/spray valve to **PRIME**.

## Storage

If you are going to store the airless equipment for an extended period of time after flushing with water-base fluid, flush again with Graco Pump Armor or mineral spirits/paint thinner. Leave the fluid in the system during storage.

Pressure Roller, Model  
244279, Series C



## Parts List

Ref. No.	Part No.	Description	Qty.
1		FRAME, roller	1
2	245999	CAP, end (includes seal and retainer)	1
4	246277	CAP, end (includes seal, retainer, and o-ring)	1
5	197106	CLIP, roller	1
7	15H622	GASKET	2
12	115524	GASKET	1
14	232122	EXTENSION, 20 in. (50 cm)	1
19	107590	ROLLER, cover, 9 inch, 1/2 in. (13 mm) nap	1
23	15B065	DIFFUSER	2
25	224399	SWIVEL, 45°	1

# Graco Standard Warranty

Graco warrants all equipment manufactured by Graco and bearing its name to be free from defects in material and workmanship on the date of sale 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.

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**TO PLACE AN ORDER**, contact your Graco distributor, or call **1-800-690-2894** to identify the distributor closest to you.

*All written and visual data contained in this document reflect the latest product information available at the time of publication.  
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This manual contains English. MM 309323

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8/2001 Rev. 9/2007

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