

# Pressure Roller with 20" Fixed Extension

309323F

EN

*For use on any Graco high pressure airless gun. For professional use only.*

## 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).

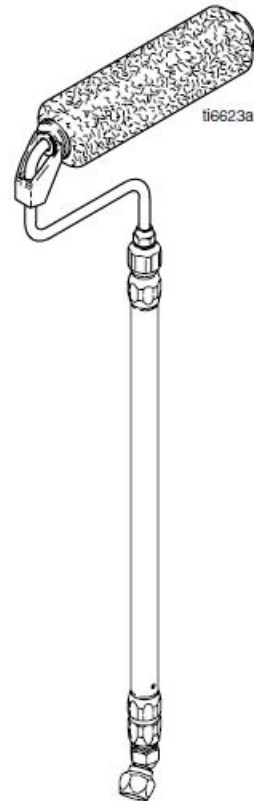


### Important Safety Instructions

Read all warnings and instructions in this manual before using the equipment. Be familiar with the controls and the proper usage of the equipment. Save these instructions.








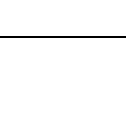
#### NOTICE

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.




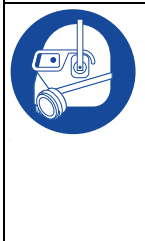


# Warnings

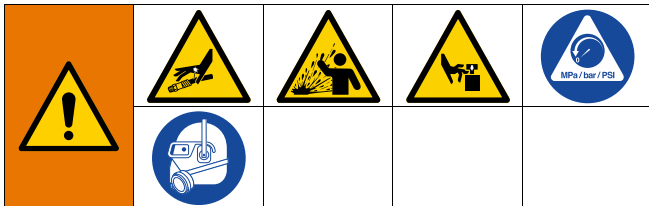
The following warnings are for the setup, use, grounding, maintenance, and repair of this equipment. The exclamation point symbol alerts you to a general warning and the hazard symbols refer to procedure-specific risks. When these symbols appear in the body of this manual or on warning labels, refer back to these Warnings. Product-specific hazard symbols and warnings not covered in this section may appear throughout the body of this manual where applicable.

 <h1 style="margin: 0;">DANGER</h1>	
	<p><b>ELECTROCUTION HAZARD</b></p> <p>To avoid death or serious injury, avoid contact with power lines.</p>
 <h1 style="margin: 0;">WARNING</h1>	
	<p><b>FIRE AND EXPLOSION HAZARD</b></p> <p>Flammable fumes, such as solvent and paint fumes, in <b>work area</b> can ignite or explode. Paint or solvent flowing through the equipment can cause static sparking. To help prevent fire and explosion:</p>
	<ul style="list-style-type: none"> <li>• Use equipment only in well-ventilated area.</li> <li>• Eliminate all ignition sources; such as pilot lights, cigarettes, portable electric lamps, and plastic drop cloths (potential static sparking).</li> <li>• Ground all equipment in the work area. See <b>Grounding</b> instructions in gun manual.</li> <li>• Never spray or flush solvent at high pressure.</li> <li>• Keep work area free of debris, including solvent, rags and gasoline.</li> <li>• Do not plug or unplug power cords, or turn power or light switches on or off when flammable fumes are present.</li> <li>• Use only grounded hoses.</li> <li>• Hold gun firmly to side of grounded pail when triggering into pail. Do not use pail liners unless they are anti-static or conductive.</li> <li>• <b>Stop operation immediately</b> if static sparking occurs or you feel a shock. Do not use equipment until you identify and correct the problem.</li> <li>• Keep a working fire extinguisher in the work area.</li> </ul>
	
	
	

# ! WARNING

	<p><b>SKIN INJECTION HAZARD</b></p> <p>High-pressure fluid from roller frame, hose leaks, or ruptured components will pierce skin. This may look like just a cut, but it is a serious injury that can result in amputation. <b>Get immediate surgical treatment.</b></p> <ul style="list-style-type: none"> <li>Do not point roller frame at anyone or at any part of the body.</li> <li>Do not put your hand over the holes in the roller frame.</li> <li>Do not stop or deflect leaks with your hand, body, glove, or rag.</li> <li>Follow the <b>Pressure Relief Procedure</b> when you stop rolling and before cleaning, checking, or servicing equipment.</li> <li>Tighten all fluid connections before operating the equipment.</li> <li>Check hoses and couplings daily. Replace worn or damaged parts immediately.</li> </ul>
	<p><b>EQUIPMENT MISUSE HAZARD</b></p> <p>Misuse can cause death or serious injury.</p> <ul style="list-style-type: none"> <li>Always wear appropriate gloves, eye protection, and a respirator or mask when painting.</li> <li>Do not operate or spray near children. Keep children away from equipment at all times.</li> <li>Do not overreach or stand on an unstable support. Keep effective footing and balance at all times.</li> <li>Stay alert and watch what you are doing.</li> <li>Do not operate the unit when fatigued or under the influence of drugs or alcohol.</li> <li>Do not kink or over-bend the hose.</li> <li>Do not expose the hose to temperatures or to pressures in excess of those specified by Graco.</li> <li>Do not use the hose as a strength member to pull or lift the equipment.</li> <li>Do not spray with a hose shorter than 25 feet.</li> <li>Do not alter or modify equipment. Alterations or modifications may void agency approvals and create safety hazards.</li> <li>Make sure all equipment is rated and approved for the environment in which you are using it.</li> </ul>
	<p><b>PRESSURIZED ALUMINUM PARTS HAZARD</b></p> <p>Use of fluids that are incompatible with aluminum in pressurized equipment can cause serious chemical reaction and equipment rupture. Failure to follow this warning can result in death, serious injury, or property damage.</p> <ul style="list-style-type: none"> <li>Do not use 1,1,1-trichloroethane, methylene chloride, other halogenated hydrocarbon solvents or fluids containing such solvents.</li> <li>Do not use chlorine bleach.</li> <li>Many other fluids may contain chemicals that can react with aluminum. Contact your material supplier for compatibility.</li> </ul>
	<p><b>PERSONAL PROTECTIVE EQUIPMENT</b></p> <p>Wear appropriate protective equipment when in the work area to help prevent serious injury, including eye injury, hearing loss, inhalation of toxic fumes, and burns. Protective equipment includes but is not limited to:</p> <ul style="list-style-type: none"> <li>Protective eyewear, and hearing protection.</li> <li>Respirators, protective clothing, and gloves as recommended by the fluid and solvent manufacturer.</li> </ul>

# Pressure Relief Procedure



This equipment stays pressurized until pressure is manually relieved. To help prevent serious injury from pressurized fluid, such as skin injection, splashing fluid and moving parts, follow the Pressure Relief Procedure when you stop painting and before cleaning, checking, or servicing the equipment.

1. Engage gun trigger lock.
2. Shut OFF power to pump.
3. Turn prime/spray valve to the PRIME position to relieve pressure in system.
4. Disengage gun trigger lock, and trigger gun to relieve any pressure in hose.

5. Engage gun trigger lock, and keep pump prime/spray valve in PRIME position until you paint again.

## Additional Roller Covers

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

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

## Assembly

1. Perform **Pressure Relief Procedure**, page 4.
2. Assemble the pressure roller as shown in the **Parts Drawing**, page 6.
3. Attach pressure roller assembly to spray gun.

# 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 trigger lock, trigger the gun, and roll the surface until paint comes to roller.
4. Increase pump pressure only if triggering the gun cannot supply enough paint for your rolling speed.
5. Whenever you stop painting, perform **Pressure Relief Procedure**, page 4, and elevate roller end of extension tube to prevent paint from draining out.

**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.

## NOTICE

Flush the pump, gun, and pressure roller immediately after each use to prevent paint from drying in the pressure roller and damaging the roller. See **Cleaning**, page 6.

## CALIFORNIA



**WARNING:** This product can expose you to chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

# 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.

1. Perform **Pressure Relief Procedure**, page 4.
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 (23) 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**.

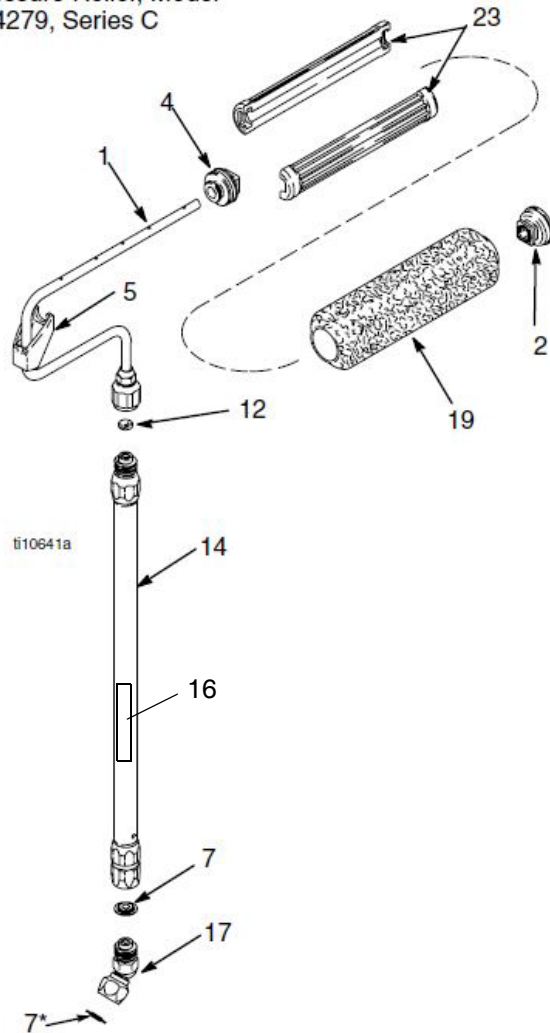
**NOTE:** Perform Step 7 at the lowest pressure possible.

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 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



Ref.	Part	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
16▲	17B476	LABEL, safety, accessory	1
17	224399	SWIVEL, 45° (includes 7)	1
19	107590	ROLLER, cover, 9 in., 1/2 in. (13 mm) nap	1
23	15B065	DIFFUSER	2

▲ Replacement warning, safety labels, tags, and cards are available at no cost.

# 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 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 Information

For the latest information about Graco products, visit [www.graco.com](http://www.graco.com).

For patent information, see [www.graco.com/patents](http://www.graco.com/patents).

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

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

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