



INSTRUCTIONS

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

Pressure Roller with 18–36 in Telescoping Extension

†3000 psi (21 bar) Maximum Working Pressure

†The best operating pressure is the lowest pressure that provides an even paint supply to the roller and typically does not exceed 3000 psi (2.1 MPa, 21 bar).

Adjustable Extension Roller Kit 244281

Includes Roller Frame, 18–36 in. (0.45–0.9 m) Extension Tube, 1/2 in. nap Roller Cover

Accessories

(not included, must be ordered separately)

Adjustable Extension Tubes

218775 18 in. 3 ft (0.0 – 0.9 m)

218776 3–6 ft (0.9–1.8 m)

218777 6–12 ft (1.8–3.6 m)

45° Gun Adapter 224399

7/8 UNF(M) x 7/8 UNF(F)

Flush Kit 218944

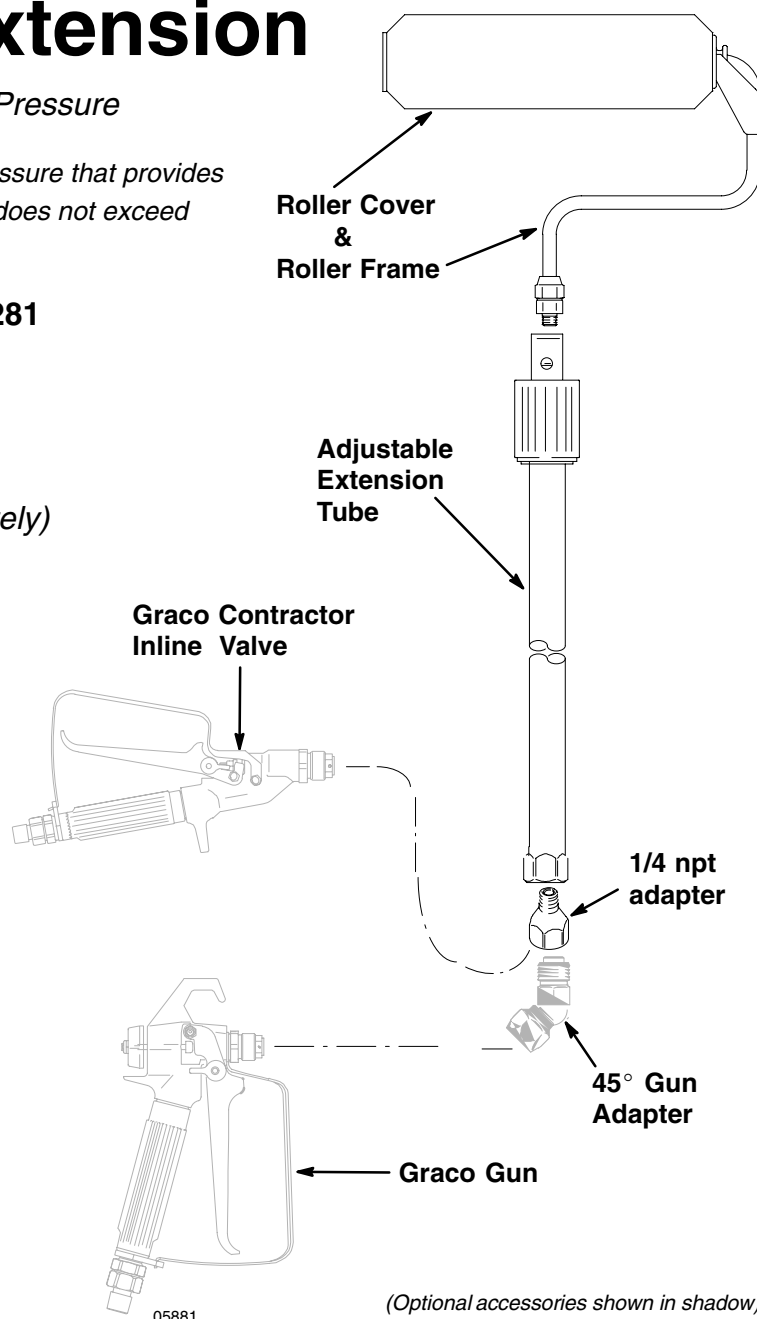
Uses standard garden hose to flush water-base paints from the Extension Tube and Roller Frame

Contractor Inline Valve 244161

Contractor Gun 243282





Contractor FTX Gun 243285

NOTE: For a leak-free connection, use pipe sealant on all male threads.



(Optional accessories shown in shadow)

⚠ WARNING

 <p>INSTRUCTIONS</p>	<p>EQUIPMENT MISUSE HAZARD</p> <p>Equipment misuse can cause the equipment to rupture or malfunction and result in serious injury.</p> <ul style="list-style-type: none"> • Do not modify the tube or roller frame or use parts not designed for this equipment. • If the adjustable extension tube starts to extend during use, stop rolling immediately and engage the gun safety latch. Check that the locknut on the tube is tight. If the locknut is tight, the tube or the roller is clogged; follow the Pressure Relief Procedure on page 3 and flush thoroughly. • Use the adjustable extension tube only with the roller frame described in this manual. This is not an airless gun extension (pole gun).
	<p>FIRE AND EXPLOSION HAZARD</p> <p>Improper grounding, poor ventilation, open flames or sparks can cause a hazardous condition and result in a fire or explosion and serious injury.</p> <ul style="list-style-type: none"> • Provide fresh air ventilation to avoid the buildup of flammable fumes from solvents or the fluid being applied. • Keep the application area free of debris, including solvent, rags, and gasoline.
	<p>ELECTROCUTION HAZARD</p> <p>Avoid contact with power lines. Contact with power lines could cause serious injury, including burns or electrocution.</p> <ul style="list-style-type: none"> • Follow all grounding instructions in your separate pump and paint gun instruction manual. • Comply with all local, state, and national fire, electrical, and safety regulations.
	<p>FLUID INJECTION HAZARD</p> <p>If high-pressure fluid pierces your skin, the injury might look like “just a cut”, but its a serious wound. Get immediate medical attention.</p> <p>To help prevent injection:</p> <ul style="list-style-type: none"> • 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. • Always relieve pressure before you check or repair leaks and when you turn off pump or stop painting. • Never use components rated less than system’s <i>Maximum Working Pressure</i>.

ADJUSTABLE EXTENSION ROLLER KIT 244281

Installation

1. Assemble the roller kit as shown in Parts drawing on page 4. Be sure the gasket is in place between the gun and adapter.
2. Extend the tube to the desired length and tighten the locknut securely.

NOTE: Always allow cold equipment to warm to room temperature before using.

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, and trigger gun 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 3.

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.

NOTE: A Flush Kit, Part No. 218944, can be used to flush water-base paint from the Extension Tube and Roller Frame. Instructions are on the kit package.

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.

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 3.

1. **Relieve the pressure.**
2. Remove roller cover (5) and diffuser (7) from roller frame (1) as follows (see **Parts Drawing**):
 - a. Using your thumb, press down on clip (9) to release end caps (6 & 8), diffuser (7) and roller cover (5) into a pail.
 - b. Remove roller cover (5) from diffuser (7).
 - c. Pull end caps (6 & 8) off diffuser (7).
3. Clean roller cover (5), caps (6 & 8) and diffuser (7) 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.

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.

Model 244281

Ref. No.	Part No.	Description
1	244623	FRAME, roller (includes 5, 6, 7, 8, 9)
2	218775	EXTENSION TUBE, 18- (460–920 mm) (includes
3	244825	ADAPTER, 1/4 npt(m) x UNF(F) (includes gasket
4	166969	GASKET
5	107590	COVER, 1/2" nap
6	245999	CAP, end (includes seal retainer)
7	15B065	DIFFUSER, roller
8	246277	CAP, end (includes o-ring and retainer)
9	197106	CLIP, roller

Wetted Parts: Viton®, nylon, plated steel, polyethylene, stainless steel.

NOTE: Delrin® and Viton® are registered trademarks of DuPont Co.

Roller Covers

107589	9 in X 3/8 in
107590*	9 in X 1/2 in
107591	9 in X 3/4 in
107592	9 in X 1–1/4 in

**Included*

ti1539a

Ref. No.	Part No.	Description	Qty.
1	244623	FRAME, roller (includes 5, 6, 7, 8, 9)	1
2	218775	EXTENSION TUBE, 18–36" (460–920 mm) (includes 3)	1
3	244825	ADAPTER, 1/4 npt(m) x 7/8 UNF(F) (includes gasket (4))	1
4	166969	GASKET	1
5	107590	COVER, 1/2" nap	1
6	245999	CAP, end (includes seal and retainer)	1
7	15B065	DIFFUSER, roller	
8	246277	CAP, end (includes o–ring, seal and retainer)	2
9	197106	CLIP, roller	1

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Graco Headquarters: Minneapolis
International Offices: Belgium, China, Japan, Korea

www.graco.com

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

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