

Instructions



Important Safety Instructions

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



311141A

Frame, Roller

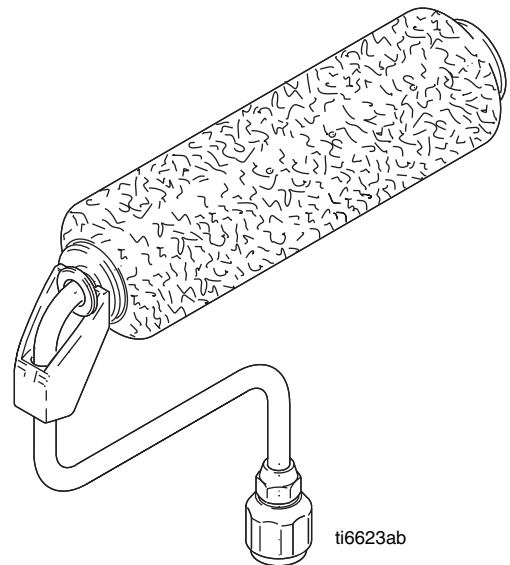
- For application of architectural paints and coatings -

Model 244278, Series A

- 9 inch (23 cm) length
- 7/8 inch inlet with 1/2 inch (13 mm) nap roller cover

*3000 psi (24.8 MPa, 248 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 300 psi (2.1 MPa, 21 bar).









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Warnings

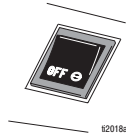
The following warnings are for the safe setup, use, grounding, maintenance and repair of this equipment. The exclamation point symbol alerts you to a general warning and the hazard symbols refer to procedure-specific risks. Refer back to these Warnings. Additional, product-specific warnings may be found throughout the body of this manual where applicable.

 WARNING	
	<p>EQUIPMENT MISUSE HAZARD</p> <p>Misuse can cause death or serious injury.</p> <ul style="list-style-type: none"> • Do not operate the unit when fatigued or under the influence of drugs or alcohol. • Do not exceed the maximum working pressure or temperature rating of the lowest rated system component. See Technical Data in all equipment manuals. • Use fluids and solvents that are compatible with equipment wetted parts. See Technical Data in all equipment manuals. Read fluid and solvent manufacturer's warnings. For complete information about your material, request MSDS forms from distributor or retailer. • Check equipment daily. Repair or replace worn or damaged parts immediately with genuine manufacturer's replacement parts only. • Do not alter or modify equipment. • Use equipment only for its intended purpose. Call your distributor for information. • Route hoses and cables away from traffic areas, sharp edges, moving parts, and hot surfaces. • Do not kink or over bend hoses or use hoses to pull equipment. • Keep children and animals away from work area. • Comply with all applicable safety regulations.
 	<p>SKIN INJECTION HAZARD</p> <p>High-pressure fluid from gun, 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. Get immediate surgical treatment.</p> <ul style="list-style-type: none"> • Do not point gun at anyone or at any part of the body. • Do not put your hand over the spray tip. • Do not stop or deflect leaks with your hand, body, glove, or rag. • Do not spray without tip guard and trigger guard installed. • Engage trigger lock when not spraying. • Follow Pressure Relief Procedure in this manual, when you stop spraying and before cleaning, checking, or servicing equipment.
	<p>PRESSURIZED EQUIPMENT HAZARD</p> <p>Fluid from the gun/dispense valve, leaks, or ruptured components can splash in the eyes or on skin and cause serious injury.</p> <ul style="list-style-type: none"> • Follow Pressure Relief Procedure in this manual, when you stop spraying and before cleaning, checking, or servicing equipment. • Tighten all fluid connections before operating the equipment. • Check hoses, tubes, and couplings daily. Replace worn or damaged parts immediately.
	<p>PERSONAL PROTECTIVE EQUIPMENT</p> <p>You must wear appropriate protective equipment when operating, servicing, or when in the operating area of the equipment to help protect you from serious injury, including eye injury, inhalation of toxic fumes, burns, and hearing loss. This equipment includes but is not limited to:</p> <ul style="list-style-type: none"> • Protective eyewear • Clothing and respirator as recommended by the fluid and solvent manufacturer • Gloves • Hearing protection

Pressure Relief Procedure

						
<p>Follow this Pressure Relief Procedure when you stop spraying and before cleaning, checking, servicing, or transporting equipment.</p>						

1. Turn power switch OFF and unplug sprayer power cord.



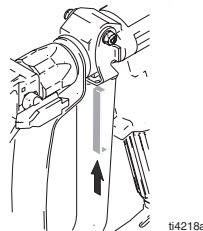
2. Turn spray/prime valve to PRIME to relieve pressure.



3. Hold metal part of gun firmly to side of a grounded metal pail. Trigger gun.



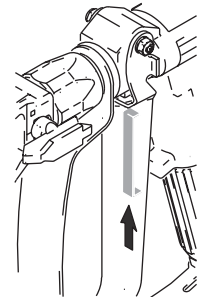
4. Engage trigger lock.



If you suspect the spray tip or hose is clogged or that pressure has not been fully relieved after following the steps above, **VERY SLOWLY** loosen tip guard retaining nut or hose end coupling to relieve pressure gradually, then loosen completely. Clear hose or tip obstruction.




Trigger Lock

Always engage the trigger lock when you stop spraying to prevent the gun from being triggered accidentally by hand or if dropped or bumped.



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Installation

						
<p>Do not modify the extension tube or roller frame or use parts not designed for this equipment.</p> <p>Gasket (12) must be in place before installing frame (1). If gasket is not in place there is a potential injection hazard which could result in serious injury.</p> <p>Refer to your sprayer and spray gun instruction manuals for safe operation of this frame.</p>						

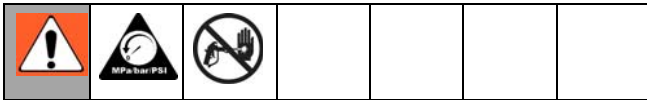
1. Follow **pressure relief procedure**.
2. Prime pump (refer to your sprayer operation manual for this procedure).
3. Install roller frame.

Cleaning

This is the procedure for flushing/cleaning the pressure roller. The sprayer and gun you are using may have additional flushing/cleaning instructions; such as cleaning filters and screens. See sprayer and gun operation manuals.



- Leave pressure roller attached to gun for this procedure.
- Refer to roller parts drawing, page



1. **Relieve pressure**, page 3.
2. Remove roller cover (19) and diffuser (23) from roller frame (1) as follows:
 - a. Using your thumb, press down on clip (5) to release end caps (3 & 9), diffuser, (23) and roller cover (19) into 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 paint pail.
5. Prime pump with water or flushing fluid for oil-based materials. Use the lowest pump pressure setting.
6. Turn prime/spray valve to SPRAY.



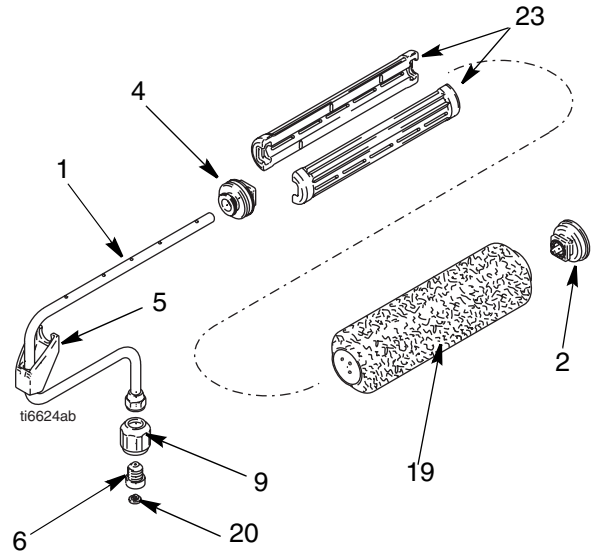
Perform Step 7 at the lowest pressure possible.

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 roller frame (1) is clear.
9. Shut off pump. Turn prime/spray valve to PRIME.

Parts

Ref. No.	Part No.	Description	Qty.
1	15B052	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
6	197118	FITTING, swivel	1
9	197117	NUT, retaining	1
19	7722	ROLLER, cover, 9-inch, 1/2 inch (13mm) nap	1
20	115524	GASKET	1
23	15B065	DIFFUSER	2

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



Roller Covers

Part No.	Description	Qty
7722	9 inch x 1/2 inch nap	6
7723	9 inch x 3/4 inch nap	6
7724	9 inch x 1-1/4 inch nap	6

Wetted Parts:

Fluoroelastomer, nylon, plated steel, acetal, polyethylene, stainless steel.

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

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