

DEMA SPRAY CLEAN

MODELS: 244BC-1, 244BC-2, 244BC-3, & 244BCE-3

INSTALLATION INSTRUCTIONS

I. PARTS:

- A. Injector.
- B. Vinyl supply tubing, foot strainer & ceramic weight.
- C. Mounting screws and washers (Model 244BC-1 only)

II. INSTALLATION: (See figure 1)

Note: All installations must conform with local plumbing codes and use approved backflow preventers.

A. INJECTOR:

Inlet fits 1/2" NPT water line (except 244BCE-3). Water temperature should not exceed 150°F and pressure should not exceed 125 PSI. The injector may be mounted in any position, but the arrow must point in the direction of flow. If mounting is insecure, use enclosed mounting screws for attaching to a wall, inserting the washers between the wall and injector to provide easy attachment of outlet hose.

B. LIQUID DETERGENT OR SANITIZER CONTAINER:

Detergent may be drawn directly from any size container, which usually is set on the floor. Use enclosed plastic tubing for connecting to injector, first cutting to desired length and dropping the end with the foot strainer and ceramic weight into the container. Push other end over supply tubing fitting (See figure 3).

III. OPERATION:

WASH or RINSE is controlled by the slide (see Figure 2). For “wash,” the slide must be in the up position. Push the slide down for “rinse.”

IV. ADJUSTMENT: (See figure 2)

WARNING: Use care when handling hazardous chemicals.

Turn the small recessed screw to adjust the injection rate. Four turns counterclockwise provides the maximum. Table 2 shows the maximum injection rates in ounces of product per gallon of water obtainable for various fluid viscosities.

TABLE 1

Viscosity, cps	1	75	220	500
Oz/Gal (maximum)	11.10	3.60	1.50	0.69

V. SERVICING:

A. If unit fails to operate:

1. Is the injector installed with the arrow in the direction of water flow?
2. Is the hose kinked or otherwise obstructed?
3. Is the metering screw backed off?

B. If unit stops operating:

1. Check item 2 above.
2. Is the foot strainer clogged? Lift tube from drum and clean.
3. Is the check valve clogged? Remove knob screws to disassemble. Inspect and clean ball, spring and o-ring.

CAUTION: When servicing unit be sure that replacement parts have been installed according to the drawing.



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RETURNS:

NO MERCHANDISE MAY BE RETURNED FOR CREDIT WITHOUT DEMA'S WRITTEN PERMISSION. RETURN MERCHANDISE AUTHORIZATION NUMBER REQUIRED IN ADVANCE OF RETURN.

WARRANTY:

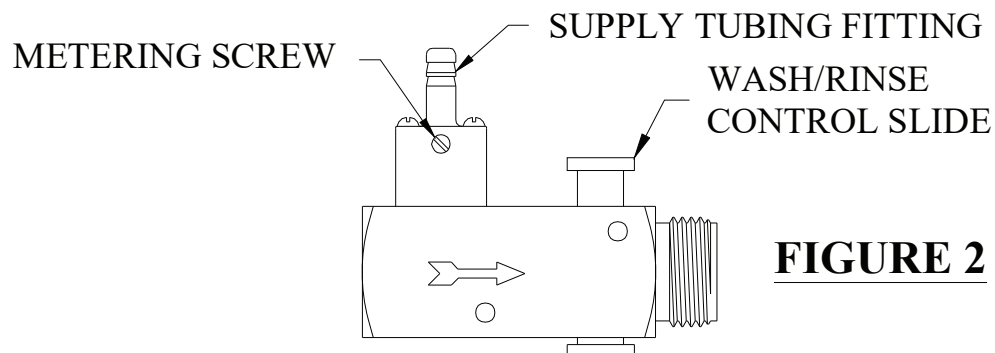
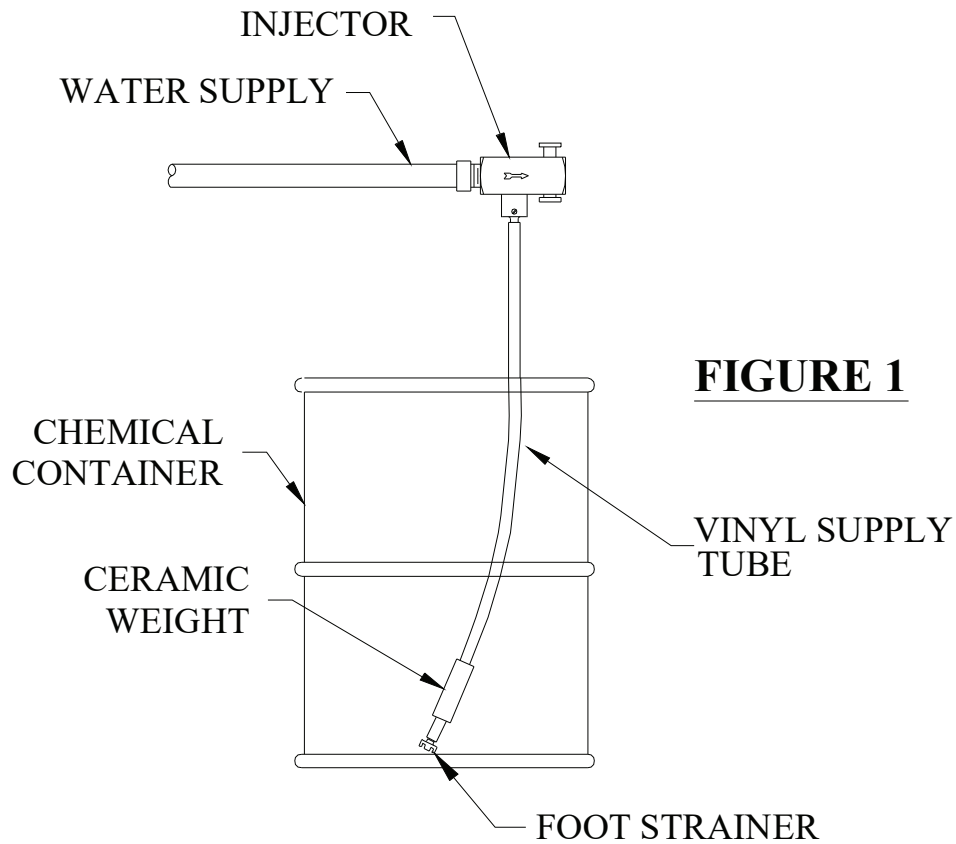
DEMA products are warranted against defective material and workmanship under normal use and service for one year from the date of manufacture. This limited warranty does not apply to any products which have a normal life shorter than one year or failure and damage caused by chemicals, corrosion, improper voltage supply, physical abuse, or misapplication. Rubber and synthetic rubber parts such as "o"- rings, diaphragms, squeeze tubing and gaskets are considered expendable and are not covered under warranty. This warranty is extended only to the original buyer of DEMA products. If products are altered or repaired without prior approval of DEMA, this warranty will be void.

Defective units or parts should be returned to the factory with transportation prepaid. If inspection shows them to be defective, they will be repaired or replaced without charge, F.O.B. factory. DEMA assumes no liability for damages. Return merchandise authorization number, to return units for repair or replacement, must be granted in advance of return.



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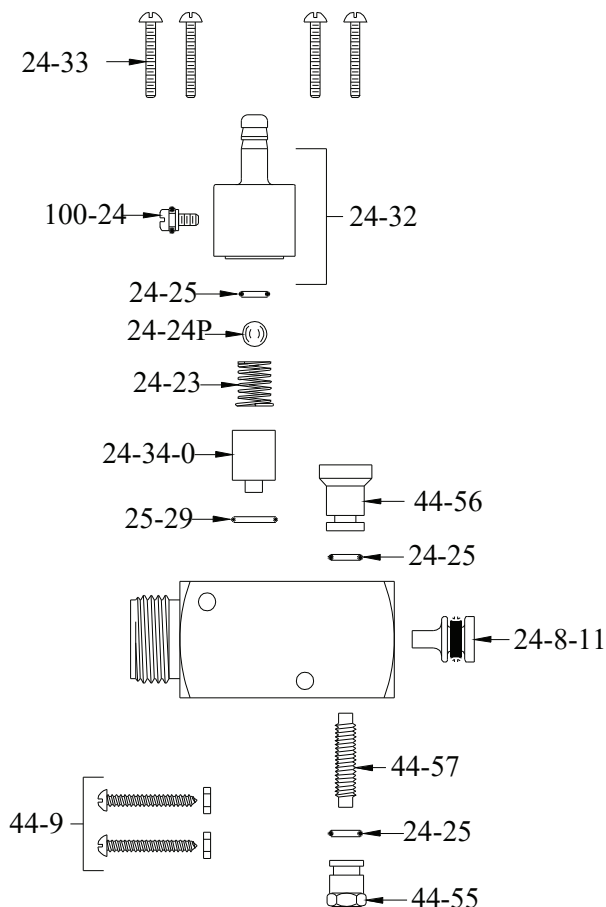


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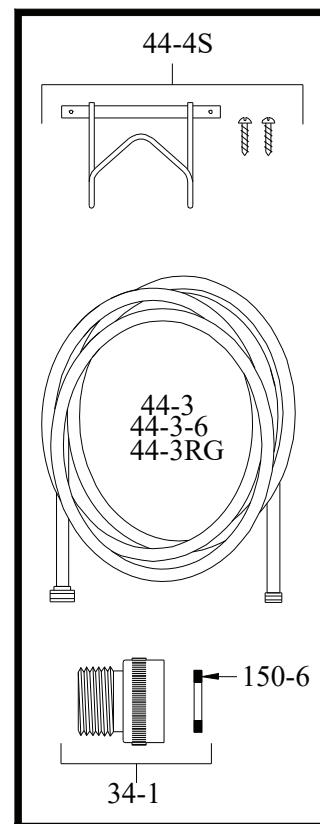
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INSTALLATION INSTRUCTIONS



FOR MODEL 244BC ONLY

ACCESSORIES



PART NO.	DESCRIPTION
24-8-11	WATER NOZZLE
24-11MP	FOOT STRAINER
24-23	CHECK VALVE SPRING
24-24P	CHECK VALVE BALL
24-25	CHECK VALVE O-RING
24-32	METERING KNOB ASSEMBLY
24-33	SCREW - 4 REQ'D.
24-34-0	CHECK VALVE CORE
25-29	METERING KNOB O-RING
44-9	SET OF TWO MOUNTING SCREWS W/ SPACERS
44-55	BY-PASS VALVE (BOTTOM)
44-56	BY-PASS VALVE (TOP)

PART NO.	DESCRIPTION
44-57	CONNECTING STUD
61-107-2	CERAMIC WEIGHT
100-12	8 FEET OF 7/32" I.D. PVC TUBING
100-24	METERING SCREW W/ O-RING

ACCESSORIES

34-1	PIPE TO HOSE INLET ADAPTER W/ WASHER
44-3	25 FEET OF 1/2" HIGH PRESSURE HOSE
44-3-6	6 FEET OF 1/2" HIGH PRESSURE HOSE
44-4S	HOSE BRACKET W/ MOUNTING SCREWS
44-3RG	25' X 1/2" RED HOSE W/ POLY GUARDS
150-6	RUBBER WASHER



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