



# MULTI-SPRAYER SYSTEMS™

The World's Greatest Sprayers



## IDEAL FOR FASTER, EASIER, MORE UNIFORM APPLICATION OF:

- Pre-sprays
- Janitorial sprays
- Protectors
- Solvents & water base OK
- Disinfectants
- Viton pump seals
- Deodorizers
- 50 psi pump

PLEASE DO NOT RUN DRY, PUMP MAY OVERHEAT AND FAIL

# SPRAY 1 OWNERS MANUAL

FOR PARTS & SERVICE CALL

[MULTI-SPRAYER.COM](http://MULTI-SPRAYER.COM)

Thank you for purchasing the world's greatest sprayer. The Spray 1 is a quality, compact, electric sprayer equipped with a 50 psi oscillating pump. The cord is 20 feet long, the coiled spray hose 6 feet long, and the wand 1.5 feet long giving a reach of over 37 feet.

## FEATURES

- Weighs 5 pounds (1.87 kg) empty
- 13" x 6.5" x 10" high
- Tough polyethylene housing
- Viton seal oscillating pump
- Snap in guides for holding wand
- 1 gallon quick change HDPE container (sold with 2)
- All brass, stainless steel, rubber & polyethylene; nothing to rust
- Quality brass trigger with Viton seals
- Handy coiled polyurethane spray hose
- Various tip sizes available, including adjustable cone tip

## SAFETY PROCEDURES

**RISK OF EXPLOSION — DO NOT SPRAY COMBUSTIBLE FLUIDS**  
**DO NOT SUBMERGE THE SPRAY 1 — ELECTRIC SHOCK CAN KILL**

## MAINTENANCE

The Spray 1 should not be left running when not spraying. Turning off each time you stop spraying will lengthen pump life. After each work period, spray a mild detergent solution through the Spray 1 and then spray a rinse of clean water.

## SPRAY 1 VOLUME BY TIP SIZE

5001 — .11 gpm

8002 — .18 gpm

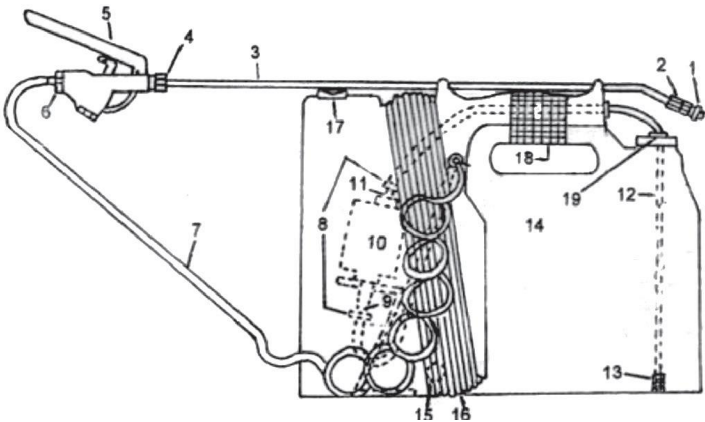
8003 — .22 gpm

8004 — .24 gpm

# SPRAY 1 PARTS LIST

KEY	PART#	DESCRIPTION
SPRAY 1 WAND		Complete Wand — parts 1-4
1	H1/8VV-SS8004	Stainless Steel V-jet Nozzle
2	66CA-4-2	Brass Compression Fitting 1/8 Female
3	SS18	SS Wand Tube for Spray 1
4	68CA-4-4	Brass Compression Fitting 1/4 Male
5	TR2022	Brass/Stainless Steel Trigger
6	H14-2MUSBR	Compression and Strain Relief
7	FW-6	6' Coil Spray hose (w/br. compression/guard)
8	SNP-2	Hose Clamp, Nylon
9	TE-2024	90 Degree Nylon Barb/inc./W Pump
10	508-224	50 PSI Oscillating Pump/Viton
11	TA-1024	Straight Nylon Barb/inc/W Pump
12	NA-22	Suction Hose — 18 Inch
13	13862	Brass/Stainless Strainer
14	1G	1 Gallon HDPE Container (2)
15	SR7W-2	Power Cord Strain Relief Grommet
16	CORD30	30 Foot Power Cord
17	1600ORANGE	Illuminated Electric ON/OFF Switch
18	VEL	2 Inch Velcro Retaining Band
19	11375K35	Cap and Grommet
*	ARD	Nylon Push Pin Fasteners (3)

\*Not shown



## TROUBLE SHOOTING

### MOTOR OPERATES, BUT NO SPRAY:

- Restricted intake or discharge line, clogged strainer or tip, kinked suction or spray hose, broken or clogged trigger. Air leak in a hose.

### MOTOR FAILS TO RUN:

- Switch defective or loose wiring connection
- Defective motor

### LOW FLOW AND PRESSURE:

- Pump worn, partially clogged strainer or tip, partially kinked hose
- Insufficient voltage

### LEAKING:

- Hose loose at clamp either end of pump, hole in hose, leaking pump

### BENT STAINLESS STEEL WAND:

- Straighten by pounding wand with a carpenters hammer on a flatwooden bench. Do not hit brass!

## SERVICING — FIRST UNPLUG CORD

**OPENING HOUSING:** Remove 3 round, black push pins (ARD/re-usable) at bottom of housing by wedging a blade screw driver under head and pulling head with pliers. (Bottom nose of pliers touching stem). Pry bottom of housing out carefully with blade screw driver.

**CHANGING PUMP:** Remove bottom foam pump retainer. Push spray and suction hoses into the housing to allow pump to be pulled out of the bottom of the housing. Disconnect electrical leads, spray and suction hoses. Replace pump, connect hoses (the suction hose slides through upper foam retainer before connecting to pump) and electrical. Pull on suction hose and pull pump up against the upper foam retainer until it seats firmly in the upper housing as it was originally. (Wiring fits in “V” cut in back of foam and the “V” is against the back of the housing). Pull on the spray hose until excess hose is out of housing, but do not kink hose at the pump barb. Replace the bottom foam retainer flat side next to biggest flat side of housing. Replace bottom of plastic housing and insert the 3 black push pins.

**CHANGING SWITCH:** Use a blade screw driver to wedge up each short side of the switch housing, remove leads and replace on new switch. Push new switch into housing.

## MULTI-SPRAYER SYSTEMS, INC.

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