



# PORTABLE AEROSOL SYSTEM - CART MODEL USER'S MANUAL

## Safety Precautions

- Do not connect this unit to external air or gas source; use only with supplied compressor.
- Do not pressurize an empty tank.
- Open tank cap slowly to release air.
- Do not transport the unit while tank is pressurized.
- Do not treat voids with electrical outlets or cables.
- Always use a grounded (3 terminal) extension cord.



## Before Starting

- Secure all quick-connect hose connections.
- Lever on the valve must be in the OFF position.
- Tighten tank cap until snug.

## Operating Instructions

### Filling and Mixing

- To ensure adequate air pressure in tank, add only 2 gal. liquid to tank.
- Make sure switch on compressor is in the OFF position, and unit is unplugged from wall connection.
- Mix all insecticides according to label directions.

### Pressurizing the Tank

- Connect unit to wall outlet with grounded electric cord.
- Start compressor by depressing the On/Off switch on top.
- Compressor maintains pressure in the tank by automatically cycling on and off during normal use.

### IMPORTANT

Application of dust for an extended period of time with this unit can result in a small electric charge accumulating in the on/off switch. Touching the metal switch can result in a mild shock.

## Operation

### Air Only (Flushing)

- Turn lever to ON position, do not depress trigger

### Liquid Only (C+C)

- Turn lever to OFF position, depress trigger.

### Air + Liquid (Fogging)

- Turn lever to ON position, depress valve trigger.

**Note:** Air valve lever must be either in the ON or OFF position; failure to do so may damage the unit.

### VERY IMPORTANT

Between liquid or air spraying, move valve lever to OFF position. This will shut off the air



## Adjustment of Liquid

- The liquid application rate can be changed by turning the adjustment knob right or left.
- The spray can be changed from a ULV fog (small droplets) to a power mist (large drops).



**Note:** Do not attempt to adjust the liquid with the valve lever; it should be either in the completely On or completely Off position.

## Care and Maintenance

- Flush tank, valve, and extension with clean water regularly.
- Inspect hoses and hose connections for wear.
- Clean the filter at the hose/valve connection regularly.
- Protect application tip when not in use

**Warning:** Do not attempt to remove the valve extension for any reason.



## Trouble Shooting

**Problem:** Tank not holding pressure

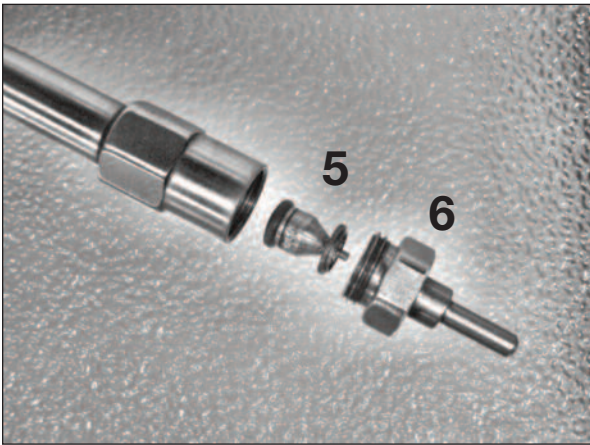
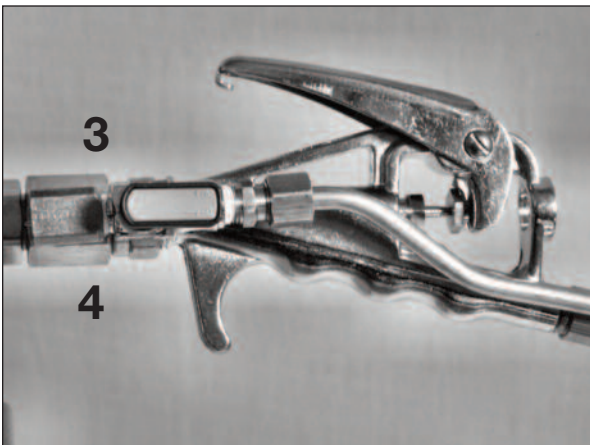
**Solution:** • Tighten tank cap

**Problem:** Tank not getting air pressure

**Solution:** • Inspect compressor hose and quick connection  
• Inspect On/Off switch on compressor  
• Inspect power cord  
• Replace compressor

**Problem:** Sprays only air, no liquid or aerosol

**Solution:** • Tank empty, add liquid insecticide  
• Turn valve lever to On position  
• Inspect and clean filter between hose and valve



## PORTABLE AEROSOL SYSTEM CART MODEL

#	Part #	Description
1	16400118	Valve assembly, 18" Extension
2	16401643	15' Coiled hose
3	22070850	Elbow, 1/8" (not shown)
4	24000026	Ball valve
5	16400127	Aerator assembly
	16400128	O-ring
6	16400129	Nozzle
7	16400111	Gauge assembly
8	30113779	Compressor, 110V
	16400112	Compressor, 220V

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