

- Durable polyethylene construction
- Three pints of working capacity
- Built-in air pump allows good working pressure to be obtained within moments.
- Two nozzle choices:
  - Foaming tip with blue tip to increase foam during coil cleaner application
  - Spray tip with adjustable spray that allows a complete range of spray patterns

## Description

The No. 50P Poly Sprayer is constructed of high density polyethylene. The nozzle is adjustable and the flow rate is controlled by a thumb lever. It comes with a 7" polyethylene pump and has a 3 pint working capacity.

## Principal Uses

The No. 50P Poly Sprayer can be used for spraying solutions of CalClean®, Special HD CalClean®, Alka-Brite® Plus, Nu-Brite®, Tri-Pow'r HD®, Cal-Green and other quality Nu-Calgon coil cleaners on air conditioning cooling coils, air-cooled condensers, finned heating coils, refrigeration case or cooler coils, permanent air filters and other greasy, dirty surfaces.

## Packaging

1 each            **4770-0**

## Operating Instructions

1. Always wear goggles, gloves, and other protective gear when handling chemicals.
2. Visually inspect sprayer and insure that the sprayer is in good working order.
3. Remove the pump assembly from tank by turning it counterclockwise.
4. To minimize foaming when preparing cleaning solution, add water to the tank before adding the Nu-Calgon coil cleaner. Fill tank to the desired level, not higher than the top (1.5L) mark on side of tank.
5. Decide to use the unit as a sprayer or a foamer (the unit is shipped with the foaming tip). The foaming tip will have a blue tip.

## Sprayers

### No. 50P Poly Sprayer



**To Foam:** Make sure the supply tube WITH a small air hole through the top end is installed in position on the bottom side of the sprayer head. Next make sure the foamer nozzle(blue tip) is screwed on to the front of the sprayer.

**To Spray:** Make sure the supply tube with NO small air hole through the top end is installed in position on the bottom side of the sprayer head. Next make sure the spray nozzle is screwed on to the front of the sprayer head. Turn the nozzle cap to right for fine spray; turn the nozzle to left for coarse spray or stream.

6. Close tank by inserting pump assembly through opening. Tighten cap clockwise until pump is sealed tightly into the tank (hand-tighten only).
7. Pump plunger to compress air and create pressure in tank. As pressure drops during use, recharge with 6-10 or more pump strokes. More strokes will be needed if the tank is not full. Note that excessive pressure can result in unwanted spray drift.
8. To Release Pressure: Turn the round pressure release valve cap (located on the tank) clockwise until it clicks open. Once all the air is released turn the valve cap clockwise again to snap the valve closed. Do not pressurize sprayer with electric or gas-powered air compressors. Always follow proper depressurizing procedure
9. Allow cleaning solution to remain to contact with dirty surfaces for about 15 minutes, then flush with water from a hose. If a hose is not available, fill sprayer with water and flush using a coarse spray.

## Care for Sprayer

1. Do not leave solution in tank after using. Never store under pressure.
2. After using, rinse with clear water and drain completely.
3. Store upside down in dry place. Remove pump and hang separately.
4. Pump works easier, pumps faster if you apply petroleum jelly to the plunger cup and oil the pump handle with clean oil occasionally.

## Troubleshooting

Always depressurize the sprayer, remove chemical solution and clean the sprayer before making repairs. Remove pump, holding rubber check valve on the end of pump.

1. If little or no resistance is felt in downstroke, the plunger O-ring is probably at fault. Unscrew (counter-clockwise) pump cylinder and pull plunger out. Inspect O-rings for scoring, cracking, or dirt.
2. If O-ring appears damaged, replace and apply petroleum jelly to side of plunger O-ring. Inspect check valve on bottom of cylinder for dirt or damage. Replace if necessary.
3. If flow control leaks, check nozzle O-rings for cracks and dirt. Check nozzle for dirt. Nozzle cap may wear and should be replaced if necessary.
4. If incorrect spray pattern, this is almost always caused by dirt inside nozzle. After long use, nozzle cap may wear and should be replaced if necessary.

## CAUTION:

1. Read this product bulletin and these cautions completely before operating this sprayer.
2. Wear eye protection when spraying.
3. Avoid contact with spray and spray solutions.
4. Do not put heated or self-heating solutions into this sprayer or use with flammable fluids or spray near an open flame or any heat source.
5. If any component of sprayer shows signs of deterioration or damage, replace it before using sprayer.
6. Leave room in tank for head of air.
7. Release pressure during times of non-use.
8. Never eat, drink or smoke while spraying. Never use sprayer under windy conditions. Never spray on or near electrical equipment.
9. Never leave sprayer unattended around children.

