



**1187 Wilmette Avenue, Suite 133
Wilmette, Illinois 60091
T: 847-716-7369 F: 847-716-7367
www.acmproducts.com**



ACM Mist Unit Operating Instructions

SAFETY INSTRUCTIONS:

This unit is designed to dispense lubricant and coolant solutions that may be hazardous to personal health. Be sure to read and follow the instructions and precautions on the label of the lubricant or coolant being used. **ALWAYS** use appropriate safety equipment. **OVER-FLEXING OF THE TUBE MAY CAUSE DAMAGE TO THE TUBE!** A mist unit with a damaged tube should not be used. If the available air source is greater than 100 lbs. p.s.i. a regulator should be used to reduce air pressure to 100 lbs. or less.

INSTALLATION

- 1) After mounting the mist unit to the mounting bracket, connect air supply to the rear using a ¼ inch npt fitting (not supplied). **DO NOT EXCEED 100# P.S.I.!**
- 2) Slide one end of the clear vinyl tubing onto the valve adapter located on the side of the unit. Submerge the other end of the clear vinyl tube into the coolant tank.
- 3) When positioning the hose assembly, care should be used to avoid damage to the internal tube. Although the tube is aluminum alloy, made to withstand continuous bending and flexing, sharp bends should be avoided to prolong life of the tube.

CAUTION: FOLLOW ALL INSTRUCTIONS ON LUBRICANT AND COOLANT LABELS!

OPERATION

- 1) Adjust the air flow to desired level by turning the knurled thumb screw.
- 2) Adjust the lubricant or coolant mist to the desired level by turning the needle valve clockwise to decrease; counterclockwise to increase.
- 3) Depress the blast lever when a blast of air is desired to remove debris.

CAUTION: OPERATOR SHOULD ALWAYS WEAR APPROPRIATE SAFETY EQUIPMENT!

MAINTENANCE

- 1) Normal precautions should be taken to prevent solid particles from entering air or liquid lines.
- 2) If the nozzle tip should become mutilated or ground off at an angle, air may be diverted into coolant line preventing the liquid from flowing into the nozzle. To repair: disconnect the nozzle tip from the hose assembly and square up the end of the nozzle tip; remove any burring that occurs. Re-install nozzle tip onto hose assembly.
- 3) Nozzle tips are replaceable; Part Number: C-166, C-167, C-168
- 4) Mist unit should be flushed with a cleaning agent daily or on an as needed basis. Accumulation of sediment or “gunk” will cause the unit to not perform at optimum levels.