



## Warranty and Statement

Aero Mist, Inc., warrants to its customers that Aero Mist products, excluding nozzles, to be free of defects in materials and workmanship for a period of (1) year from the date of purchase to the original purchaser. With customers proof of receipt Aero Mist, Inc. will fix or replace the defective part or parts. Aero Mist, Inc. reserves the right to inspect the defective part or parts prior to replacement. Aero Mist Inc. will not be responsible for consequential or incidental cost or damage caused by the product failure. Aero Mist Inc., liability under this warranty is limited solely to the replacement or repair of defective parts.

Neither this warrant nor any implied warranty applies to damage or harm caused by any or all of the following:

1. Freight damage
2. Damage cause from freezing, fire, natural disaster, improper installation, chemicals, unusual characteristics of water supply.
3. Damage caused by parts and/or accessories or components not obtained from or approved by Aero Mist, Inc.
4. Damage due to misapplication and/or misuse.
5. Normal wear of moving parts or components affected by moving parts
6. Use with Flammable Materials is Forbidden.

The liability of AERO MIST, INC., under the foregoing warranty is limited to the repair or replacement (at AERO MIST, INC.'s option) without charge for labor or materials of any parts upon return of the entire pump or other product or of the particular part to the AERO MIST, INC., factory within the warranty period, at the sole expense of the purchaser, which part shall upon examination appear to AERO MIST, INC.'s satisfaction to have been defective in material or workmanship.

AERO MIST, INC., expressly warrants its pumps and other products as above stated. There are no other express warranties. Any implied warranties, including implied warranty of merchantability or of fitness for a particular purpose, are limited in duration to one year from the date of purchase by the original purchaser except in states that do not allow time limitations on implied warranties. There is no implied warranty of fitness for a particular purpose or merchantability when this product is put to an industrial, commercial or rental use.

No person including any dealer or representative of AERO MIST, INC., is authorized to make any representation or warranty concerning AERO MIST, INC., products on behalf of AERO MIST, INC., or to assume for AERO MIST, INC., the obligations contained in the warranty. AERO MIST, INC., reserves the right to install the same upon its existing products or products then in process or manufacture. This warranty gives you specific legal rights, and you may also have other rights, which vary, from state to state.

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## *Installation Instructions*

# 70 FT 300 PSI PUMP KIT 35 NOZZLE NYLON TUBE MISTING SYSTEM

## MODEL 10470



## Operation Overview

The Aero Mist 300 PSI Pump takes ordinary home water pressure which is normally about 50-70 PSI for most homes and “boosts” it up to 300 PSI. The higher water pressure created by the pump enhances mist cooling and heat absorption in two ways. First, it produces a higher flow of water through the nozzle. More water being expelled from the nozzle means more cooling. Second, it creates a smaller finer mist droplet which allows the droplet to evaporate more quickly. Better evaporation means better cooling.

There are many applications for 300 PSI Pump Kit by Aero Mist. Applications include, Patio Cooling for Homes and Restaurants, Greenhouses, Humidification, Dust control, Odor control and many more.

### Caution, Warning and Safety Instructions:

1. **Outdoor use ONLY!** Not for use indoors
2. **Install pump in a suitable place to prevent property damage in the event a leak should occur.**
3. Turn water off and disconnect power to the unit when not in use for extended periods of time.
4. Plug pump into 110 volt GFCI protected outlet.
5. Do not place pump in or in damp or wet environments.
6. Feed system with potable cold water supply only. Do not connect pump to hot water supply.
7. Do not expose pump to freezing temperatures. When winterizing disconnect pump from power and water supply and store in a dry safe place. Make sure all water is drained from the system to prevent damage in the event of a freeze.

## INSTALLATION INSTRUCTIONS

1. Install pump above grade level on a pre-formed concrete pad, 16 x 16. This pump is non-submersible. Locate pump in a location where flooding and roof runoff does not occur to avoid water damage to the electric motor.
2. Verify 115 Volt power supply is GFCI protected.
3. Verify water feed to pump location is potable cold water supply only.
4. Connect cold water feed to pump inlet and connect nylon tubing to pump outlet.
5. Proper installation of the mist line requires mounting the nylon tubing around the bottom outside edge of the fascia, header or beam of the patio structure. Properly installed mist lines create a curtain of mist around the open air sides of the patio which cools the air as it enters the patio. Nozzles should be placed two feet apart and should spray out into the open air. Do not install nozzles where the spray may hit the patio, structure or surrounding objects as water damage can occur. You will want to keep nozzles 12” to 18” inches away from columns, structures and windows.
6. This system uses quick connect style fittings. Simply, cut the tubing at the desired point and push and twist the fitting on to the end of the tubing. Check to see the fitting is secure by gently pulling on the nylon tubing to make sure it is secure.
7. To release the tubing from the fitting you can use your hands or place a wrench over the tubing where it goes into the fitting and press the collar of the fitting back against the body of the fitting a pull the tubing free.
8. Before installing the nozzles in the system flush system by turning the pump on and run water through the system without nozzles to expel any debris that may have entered into the line during installation.
9. While the system is flushing, begin installing the nozzles. Hand tighten nozzles. Start by installing the nozzles in the fittings closest to the pump first and work your way back to the end of the mist line. Note: you will need to turn the pump off when you get to the last 2-3 nozzles.

### LIST OF ALL ENCLOSED PARTS

| Item ID | Item Description                          | Qty. |
|---------|---|------|
| 52300   | Misting Pump 300 PSI 120 Volt with Filter | 1    |
| 56401-1 | Nylon Tubing 50 FT Roll (Brown)           | 1    |
| 56403   | Nylon Tubing 24” Precut 3/8” OD (Brown)   | 34   |
| 52375   | 3/8” Push Lock Nozzle Union               | 35   |
| 52012   | Misting Nozzle 10/24 x .012               | 35   |
| 52376   | 3/8” Push Lock Elbow                      | 3    |
| 52377   | 3/8” Push Lock Tee                        | 1    |
| 52379   | 3/8” Push Lock End Plug                   | 2    |
| 65186   | Mini Tube Cutter                          | 1    |
| 56375   | Coated Clamp 3/8”                         | 45   |
| 52602   | Screw                                     | 45   |
| 52603   | Plastic Anchor                            | 45   |

