

**LIMITED WARRANTY ON Advanced Misting Systems, PUMPS AND OTHER Advanced Misting Systems, INC., PRODUCTS**

Advanced Misting Systems, as a manufacturer shall warrant manufactured misting components, excluding nozzles, to be free of defects in workmanship for one (1) year under normal use and service. "Normal use and service" means not to operate in excess of recommended maximum speeds, pressures, temperatures (140 F) or handling fluids not compatible with component materials. This warranty does not apply to any pump or other product which has been repaired or altered to affect the performance or reliability of the pump or other product.

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

1. Freight damage.
2. Damage from freezing or cavitation, by accident, fire, natural disaster, chemicals, improper installation, or unusual characteristics of water supply, such as mineral and calcium buildup.
3. Damage caused by parts and/or accessories or components not obtained from or approved by Advanced Misting Systems
4. Any consequential or incidental damages, other than injury to the person arising from the use of any pump or other product manufactured by Advanced Misting Systems, except in states that do not allow the exclusion or limitation of incidental or consequential damage.
5. Damage due to misapplication and/or misuse. The use of a solution greater than 140 F or a fluid with pH less than 7 or greater than 9 could be a misapplication of our pumps.
6. Normal wear of moving parts or components affected by moving parts.
7. USE WITH FLAMMABLE MATERIALS IS ABSOLUTELY FORBIDDEN!

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

Advanced Misting Systems, 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 Advanced Misting Systems, is authorized to make any representation or warranty concerning Advanced Misting Systems products on behalf of Advanced Misting Systems, or to assume for Advanced Misting Systems, the obligations contained in the warranty. Advanced Misting Systems, 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.

CALIFORNIA PROPOSITION 65 WARNING  
WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. California law requires this warning to be given to customers in the State of California.

## *Installation Instructions*

### **LOW PRESSURE MISTING KITS**

**MODEL 52740-6 6 NOZZLE KIT**

**MODEL 52740-11 11 NOZZLE KIT**

**MODEL 52740-20 20 NOZZLE KIT**

**MODEL 52740-25 25 NOZZLE KIT**



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## Advanced Misting Systems LOW PRESSURE MISTING

Misting systems create cooling by expelling fine water droplets into the air that vaporize and absorb heat energy, thus effectively decreasing the temperature.

### FUNCTIONS

Temperature cooling: the instant vaporization of fine water particles absorbs huge amounts of latent heat and achieves rapid cooling.

Environment humidifying: humidity controlling helps reduce static electricity and other uncomfortable environmental conditions.

Agriculture and horticulture: ideal for humidity control in greenhouses

Odor elimination and dust reduction: the vaporized cold mist absorbs odor and reduces airborne dust particles.

### APPLICATIONS

Patios, playgrounds, gardens, fairs, outdoor activities, shop fronts, outdoor bar, , farms, horticulture

## CONTENTS for 6, 11, 20, & 25 Nozzle Kits

Item ID	Item Description	52740-6	52740-11	52740-20	52740-25
52014	Misting Nozzle 10/24 x .014	6	11	20	25
52505	Calcium Inhibitor Filter	1	1	1	1
52355	3/8"x 3/8" Plastic Male Adapter	1	1	1	1
26102	Hose Adapter 3/4" x 3/8"	1	1	1	1
52350	3/8" Plastic Nozzle Union	6	11	20	25
56450-50	3/8" Polyethylene Tubing 50 ft. Roll LP	1	1	0	0
56450-75	3/8" Polyethylene Tubing 75ft. Roll LP	0	0	1	1
52353	3/8" Push Lock End Plug	1	1	1	1
65186	Mini Tube Cutter	1	1	1	1
56375	Coated Clamp 3/8"	20	20	30	35
52602	Screw	20	20	30	35
52603	Plastic Anchor	20	20	30	35

## INSTALLATION INSTRUCTIONS

- To determine how much mist line is needed for your patio you will need to measure the open air sides of your patio area. Proper installation of your new misting system requires mounting the tubing on the bottom outside edge of the fascia, header or beam of patio perimeter. It is important to mount the line along the bottom edge, to prevent mist from spraying on the structure. Also space mist heads at least 12-18 inches away from columns. A properly installed mist line will create a curtain of mist around your open air sides of your patio and provide maximum cooling.
- Begin by connecting the mist line to your city water source. Run the 3/8" mist line around the patio or structure and clamp in place. The end of the tubing should be at least one foot away from a wall or pillar. Place the clamps every 2 feet or so to hold the tubing in place. At this point, it is best to leave the clamps a little loose so you will be able to manipulate the tubing as you are placing the fittings.
- Determine where you want to place the nozzles. It is recommended to use 24" spacing between the nozzles. Use the tubing cutter (part # 65186) to cut the tubing where you wish to have nozzles. Make sure the nozzles will spray out into the open air and not on the patio or structure. Insert the tubing into the fitting until it bottoms out. To remove fitting from the tubing press the collar of the fitting back against the fitting and pull the tubing from the fitting. When you get to the last nozzle fitting of your system insert the end plug (part #52353). Do not screw in nozzles yet.
- Flush the mist line for a few minutes without nozzles to remove any debris that may have gotten into the line. While the water is running install the nozzles that are closest to the water source first and work your way to the end of the line. You may need to turn the water off to install the last couple nozzles. Hand tighten nozzles only.

### Caution, Warning and Safety Instructions:

- Outdoor use ONLY!** Not for use indoors
- Feed system with potable cold water supply only. Do not connect to hot water supply.
- To Winterize your system, remove water from lines to prevent tube damage from freezing.

### Maintenance Annually

Remove all nozzles and soak in Advanced Misting Systems Nozzle Cleaner 52475 and Replace filter. Before reinserting nozzles, turn on water and flush thoroughly. Then proceed by installing all nozzles except for the last one. Flush again and insert the last nozzle.



**IMPORTANT FLUSH LINES BEFORE INSTALLING NOZZLES !**