



## PREMIUM 24M MISTING SYSTEM

### USER GUIDE











#### WARNING:

- Operating pressure for the system is 280 - 700kpa. If the pressure is below 270kpa the system will not work properly with the drain valve expelling water continuously and if over 700kpa of pressure overtime the system will begin to leak and loose its misting ability. To measure your home's water pressure, all you need is a pressure gauge. You can find these at most home centres and hardware stores.
- Read all instructions and check kit contents before beginning assembly.
- The misting system works best when you have a high pressure water supply. The higher the pressure the finer the water droplet and the faster and more effectively the droplet evaporates and cools the area. A normal household water supply is usually at an adequate pressure (400kpa).
- For outdoor use with cold water only.

#### THE WAY IT WORKS

Enjoy the outdoors again with the Nylex Premium 24m Misting System. It is the perfect solution for recreational areas, animal shelters like dog runs and greenhouses. The system cools the air temperature by the evaporation of fine particles of water emitted by the misting nozzles. The process of evaporation absorbs heat from the air and cools the area. The misting nozzle emits very small amounts of water and breaks the water into very small droplets or a “mist”. In hot conditions, the small water droplets evaporate almost instantaneously. In cooler or humid conditions, the evaporation rate may be slower.

#### INCLUDES

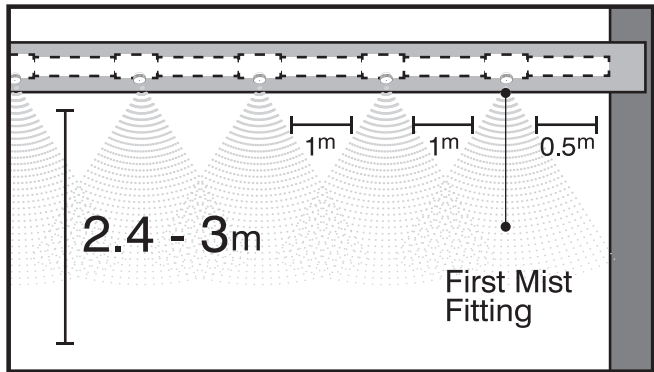
Item	Qty	Description
	48	Mounting Clips with Nails
	22	Brass Mist Nozzles
	24m	Hose
	1	Universal Tap Adaptor
	1	Hose Connector
	1	Auto Drain Valve
	1	Filter
	44	Lock Nut
	1	End Waterstop Nut
	22	Mist Nozzle Body

#### PRE-INSTALLATION TIPS

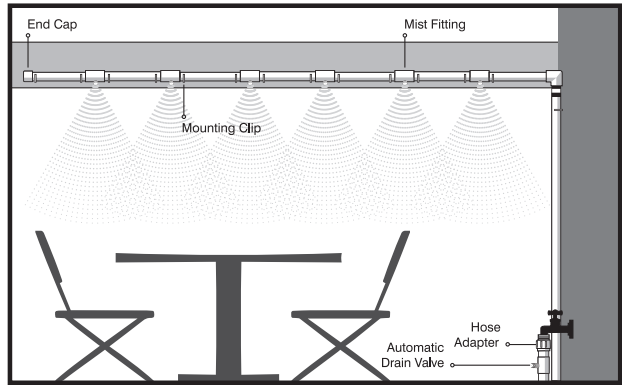
- The most efficient placement for a misting system is around a perimeter of an outdoor area as this will form a mist curtain.
- Determine where you will connect your system to your tap and where the supply hose will run.
- You can use a garden hose to bring water from a tap in the area to the start of the misting pipework. If the hose is running in the sun, please ensure it is a good quality hose that will be able to withstand the pressure when the water and hose may get heated. Of course, the misting pipe can be connected directly to a garden tap.
- When installing onto a metal material, you will need to purchase self-tapping sheet metal screws to use in place of the nails.
- Work out what you can attach the mist line to and plan a route that makes attaching the mist line easy.
- Mounting the system at a slight incline from the water source will allow the system to drain properly.
- The Auto Drain Valve is a very important component in your misting system and will automatically release the pressure in the line and then “dump” the water in the misting hose “above” the level of the Auto Drain Valve when the water is turned off. It is important to note that the Auto Drain Valve should be positioned where water can run freely. ie. into a drain or garden area

#### INSTALLATION

Read through all of the instructions before beginning installation.



- Measure and mark the hanging location of the mist line to determine the suitability of the area selected. The placement of the first misting nozzle should be at least 0.5m from the house.
- Make sure all parts are completely free of debris then connect the system to a standard garden hose and turn on the water at full pressure to flush the system for several minutes to clean thoroughly.
- With the mist line still attached to the water source inspect each fitting for proper installation.
- Start at the garden tap or water source point. Run the misting line to the position where you want your first misting jet.
- Begin by placing one of the hanging clips over the mist line 5cm from the first fitting with a mist nozzle.
- Nail mounting clip into place. Continue placing a hanging clip 5cm on each side of each fitting and hammering in place. NOTE: Pull tubing slightly while applying each clip to avoid sagging in mist line.
- Reconnect system to water source and turn on water to pressurize the system and begin misting.



#### MAINTENANCE

- Drain water from the mist system when not in use. To do so detach the system at the water source and allow the water to drain completely.
- Periodically clean the nozzles in the system using a pin for optimal performance.
- Periodically clean the filter by soaking in a solution of CLR to remove calcium and iron build up.
- Flush the mist line if the system has been idle for over a month.

#### TROUBLESHOOTING

Problem	Possible Cause	Solution
Leak at fittings	Loose fittings	Retighten
Leak at nozzles	Nozzles are blocked Nozzles are loose Nozzles are incorrectly positioned	Remove nozzle/s and soak in cleaning solution like CLR to remove debris. Check nozzle is correctly screwed into the fitting. Reposition nozzle away from surfaces.
Misting system will not spray	Nozzles are blocked	Remove nozzle/s and soak in cleaning solution like CLR to remove debris. Not enough water pressure in system. Check water source. and measure pressure.

#### GUARANTEE

Ames Australasia warrants that this product will be free from defects in workmanship and materials for 3 years. If a defect in material or workmanship becomes evident during that period, Ames Australasia will, at its option, either; repair the product (or pay for the costs of repair of the product); replace the product; or refund to the customer the purchase price paid by the customer for the product. In the event of such a defect, the product should be returned to the place of purchase, together with proof of purchase for repair, replacement or refund. Any handling and transportation (and other expenses incurred in claiming under this guarantee) are not covered by this guarantee and will not be borne by Ames Australasia. The obligation of Ames Australasia under this guarantee is limited to the circumstances set out about and is subject to; the customer being able to evidence the acquisition of the product, the purchase price paid for the product and the relevant defect in materials or workmanship; the product not having been altered, tampered with or otherwise dealt with by any person in a manner other than as intended in respect of the relevant product; and the product not having been used or applied in a manner that is contrary to customary usage or application for the relevant product or contrary to any stated instructions or specification of Ames Australasia. Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure. The benefits given by this guarantee are in addition to the other rights and remedies which might be available to the customer under any law in relation to goods or services to which this guarantee relates.

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