



Installation Manual

Micro Mist Starter & Extender Kit Low Pressure

Materials, Equipment and Requirements for Installation:-

- Electrical or cordless high speed hand drill.
- 2.5mm drill bit.
- 6mm drill bit (concrete or steel depending on structure).
- 6mm wall plugs (if fixing to concrete).
- 6mm pozidrive self-tapping screws (if fixing to wood or steel).
- 1 external tap for the mains water to be connected to the pump station's inlet.
- A basic knowledge of the plumbing and electrical operations for the correct assembly and installation of the system would be an advantage.

1 INSTALLATION

Preparing the misting lines:-

- Start by measuring the placement of the misting lines from your water supply to the end point.
- Layout the tubing on the floor parallel to where you wish to mist, keeping in mind of any lights, columns and structures.

Fixing the Micro Mist Starter Kit:-

1. Using a 6mm drill bit; drill the first hole at the endpoint of the misting line into the structure of the area.

NOTE: if the structure is wood or steel use 6mm pozidrive self-tapping screws

if the structure is concrete use a 6mm concrete drill bit with 6mm wall plugs.

2. Proceed by drilling a second hole 1meter from the first hole along the misting line.
3. Fix the misting line using the Galvanised Steel and Rubber P-clamps or Saddles.
4. Continue to drill the rest of the holes up to your water supply.

NOTE: 1meter spacing.



5. Fix the misting lines to the structure using Galvanised Steel and Rubber P-clamps or Saddles.
6. Start at the endpoint and working towards your water supply, fix all the Galvanised Steel and Rubber P-clamps or Saddles securely by tightening the tubing to avoid sagging.
NOTE: only do this if not using Stainless Steel tubing.
7. Ensure that all DryMist Aluminium Fittings have nozzles and all nozzles are facing outwards at a 45° angle.

Connecting your water supply:-

- Connect the Micro Mist Starter Kit to your water supply using a gardenia fitting.
- Open the water supply.
- Check for leaks.
- All DryMist Aluminium Fittings should have nozzles and at a 45° angle.

Fixing the Micro Mist Extender Kit:-

- Remove the Blanking Plug Push-Lock 10mm at the end of the Micro Mist Starter Kit.
- Connect the Micro Mist Starter Kit and Micro Mist Extender together using the Union Push-Lock 10mm.
- Connect the Blanking Plug Push-Lock to the end of the Micro Mist Extender Kit.
- Repeat steps 1 to 7 of Micro Mist Starter Kit installation

2 MAINTENANCE

Misting Lines:-

- Care should be taken to ensure the best possible source of water is used for the supply of the misting system.
- Poor water quality may cause a build-up of minerals inside tubing and nozzle orifice.
- Misting nozzle performance may be altered over an extended period of time due to poor water quality, the spray pattern may narrow slightly or less mist may be emitted from the orifice.
- Nozzles may be cleaned by placing the nozzle heads in a solution of 1 part household vinegar and 3 parts water for 6-12hours to allow the mineral build-up to be dissolved. Rinse well and insert back into the system.
- Ensure that the nozzles do not get contaminated with dust of any sort during re-assembly.

WARNING: never use sharp objects like needles or pins to clean the nozzle orifice. The nozzle orifice can be damaged and may result in reduced performance or a permanent change of spray pattern / permanent damage.