

DYNAMIC MISTER – A UNIQUE VIBRATORY MIST GENERATOR

This product generates a uniform circular pattern of "Droplet Free" mist, very effective for germination in nurseries. It is a mini mist generator that was designed with a center pin free to locate itself in the middle of the nozzle and to vibrate by the water flow, this constant vibration prevents clogging by dirt or lime sediments in the nozzle.

No high pressure and fine filtration is required for its operation.

Most installations are in the Upside Down (UD) hanging mode, with or without LPD.



The pattern of droplets is seen in the picture above.

The complete UD dynamic mister set shown in the right picture includes Leak Prevention Device ("LPD"), Mini-valve and Stabilizer.

Main Features:

- **Small Discharge Rate, 20 L/Hr = 5 GPH.**
- **Even Distribution of Droplets.**
- **Large Spacing (see table below).**
- **Operating Pressure: 2 to 4 Bars = 30 to 60 PSI. .**

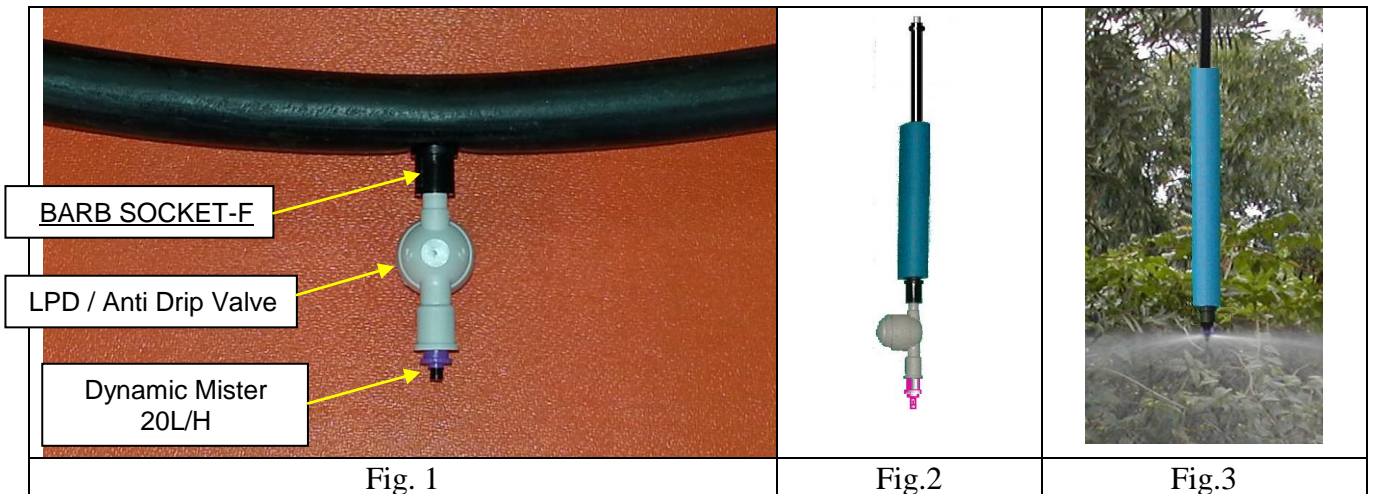
Sprinkler Spacing (m)	Rain Ratio (mm)	Uniformity Coefficient %	No. of Sprinklers per 1000 m²
150 x 150	9	94	440
175 x 150	8	94	380
175 x 175	7	95	330

Readings taken from The Institute of Standard Test 11741, Nov. 1999.

Pressure: 3 Bar. Placement: 1m above ground.

INSTALLATION TIPS

In UD position the Dynamic Mister is mostly installed with Leak Prevention Device ("LPD") to prevent drops from the supply tube after pressure shut down. LPDs are available for threshold pressures 1.5 bar and 2.0 bar. The unit can be inserted directly into the supply line (Figure 1) or used in complete hanging set that includes the blue stabilizer (Figure 2) or a hanging set without LPD (Figure 3). All the connectors are our 6 mm conical "plug & play" type which allows more combinations such as adding a Mini-Valve as shown in the photo on the first page.



The Dynamic Mister is made with a fine center pin that should be inserted very gently not to bend it with your fingers (see Figure 4 below). For quantity orders we offer an insertion tool (see Figure 5) and for small quantity an extension adapter that enables better fingers holding is recommended ((see Figure 6). Complete UD sets are packed with the Dynamic Mister un-installed (in separate bag) to prevent any shipping damage.

