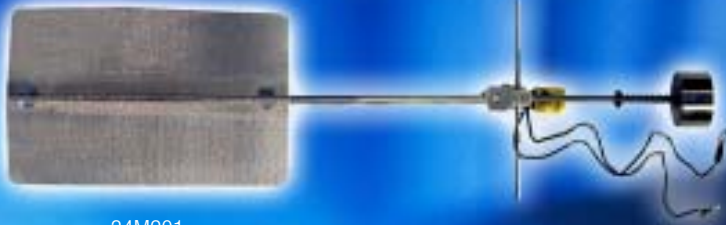


# Mist-A-Matic®



34M200



34M201

## Mist-A-Matic Control



1. The Mist-A-Matic is a control device that will activate and deactivate a solenoid valve based on evaporation of water that collects on the screen. Unlike a timer, it acts similar to a leaf and calls for new mist when the leaf becomes dry. It follows the weather patterns, so the timing automatically changes from a hot sunny day to a cloudy high humidity day. This unit responds to the plants requirements rather than the requirement of the clock or timing unit.
2. The unit operates from 115V to 24V. To operate on 24V, remove the three-prong electrical plug, and hard wire the unit directly to the transformer.

Peak performance necessitates that this unit be installed in a level position.

There is a carpenter-type spirit level on the inside of the unit to assist in placing the Mist-A-Matic in the correct position. The adjustable rear knob comes preset from the factory and must be field adjusted to suit local conditions. Moving the adjustable rear knob will effect the timing cycle of the unit.

3. The distance of the Mist-A-Matic from the misters will adjust the Interval between on times. The closer the unit to the water source, the shorter the time intervals between activation.
4. A booster pump to increase water misting pressure wired on the same circuit line as the unit may cause the mercury switch to overload and short. The reason is that most booster pumps incur a voltage surge as they cycle on and off. These should always be wired on a different circuit to the Mist-A-Matic.

Excessive back pressure against the solenoid valve due to too few misting nozzles many be alleviated by using a petcock slightly open or any other device at the end of the line to relieve that pressure.

5. A brass valve that is instant on off is recommended because it is designed for misting.



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