

NITROGEN BUBBLER MIS100



The **MIS100** is designed to inject a water-misted stream of nitrogen into a continuous furnace to increase the dew point. Typically, the **MIS100** will deliver approximately 6 lbs. of water/hr*.

The **MIS100** is a modular, stand-alone system which can be easily and quickly retrofitted to existing furnaces. It may also be ordered as an option on new furnaces.

The **MIS100** contains all the necessary temperature and atmosphere controls. They can be integrated into existing furnace safeties.

KEY FEATURES / CAPABILITIES

- Nitrogen flow rate of up to 500 cfh.
- 2kw (120V) or 3kw (480V) heater provides a water temperature of up to 190°F.
- Auto water level and fill control.
- Adjustable N2 flow control.
- N2 bypass for when misting is not required.

**Nitrogen flow rate, water temperature, furnace configuration and the furnace atmosphere all influence the dew point increase that is achievable. Experimentation will be required.*