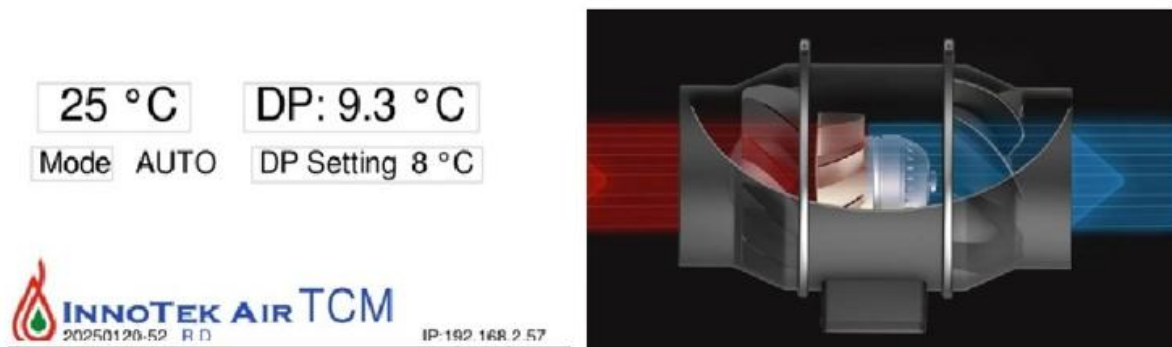


*A **Revolutionary** leap in dehumidification system & control technology*

The Dehumidification Mixed Air Controller (DMAC) enables the end user to set the controller to either a setpoint indicating RH relative humidity or DP meaning Dewpoint specialist to set up the configuration parameters



Precision Control of Critical Environments

For laboratories and other critical spaces, a stable environment is not a luxury, it's a necessity. The **DMAC** provides the level of control required for sensitive experiments, equipment, and materials.

- **Relative Humidity (RH) vs. Dew Point (DP) Control:** The DMAC offers a choice between setting your desired moisture level by Relative Humidity or Dew Point. While RH is a common measurement, it changes with temperature. In contrast, setting a specific Dew Point ensures a consistent, stable moisture level in the air, regardless of temperature fluctuations. This is crucial for labs where materials and chemical reactions are highly sensitive to changes in moisture content.
- **Programmable Thermostat Integration:** The **DMAC** is designed to work seamlessly with a programmable thermostat. This is particularly valuable in labs and greenhouses where a precise schedule is essential. You can program the system to automatically adjust temperature and humidity settings based on daily or weekly schedules, such as during a specific experiment, or when the lab is unoccupied. This not only ensures optimal conditions but also contributes to significant energy savings.

- **Protection of Sensitive Equipment:** In labs, both high and low humidity can cause serious issues. High humidity can lead to corrosion and mold, while low humidity can cause static electricity that can damage sensitive electronics. The **DMAC's** ability to maintain a precise, stable dew point protects valuable equipment and prevents costly damage.
- **Enhanced Research and Data Integrity:** By creating a stable environment, the **HumidiFlex System** helps to eliminate confounding variables related to climate. This ensures that experimental results are repeatable and reliable, protecting the integrity of your research and minimizing wasted time and resources.

Whether you're looking to create a perfectly comfortable home, an ideal growing environment for a greenhouse, or a highly controlled and stable lab for critical research, the **DMAC** and **HumidiFlex System** give you the precision and control you need to succeed.