

A *Revolutionary* leap in dehumidification system & control

Why HumidiFlex Is a Game-Changer

*Slash Your Costs: The **HumidiFlex System** upgrades a heat pump, turning it into a high-performance dehumidifier and heating. This patented, integrated design eliminates the need for a separate, expensive dehumidifier, cutting your initial investment by up to 50%.*



- Evaporative cooling, a significant effect in greenhouses, causes a large temperature drop. After sundown in autumn, when nights are colder, **inverter-type heat pumps** are an ideal and highly energy-efficient solution for heating. This is because they can operate effectively in those conditions.
- Controlling the **dew point** in a greenhouse when indoor temperatures are lower is crucial to prevent condensation on plants and structures. Condensation, or "dew," creates a breeding ground for diseases like Botrytis (gray mold) and other fungal pathogens

The HumidiFlex System is the smart, cost-effective investment for any small-scale greenhouse owner looking to boost yield and cut costs.

- **Precision Control: Mold and mildew are a constant threat in low-temperature environments.** Our system uses a precision **Dewpoint control** feature—instead of a standard RH setpoint—giving you the exact control needed to prevent mold buildup and protect your plants.
- **Unmatched Energy Savings: Heating is a greenhouses biggest energy expense.** The HumidiFlex leverages the incredible efficiency of an inverter heat pump, allowing it to provide powerful heating even in mild weather. By combining advanced dehumidification with peak heating performance, HumidiFlex delivers significant **long-term savings** on your operational costs.