MICRO • GROW
GREENHOUSE SYSTEMS, INC

Welcome to the World of Micro Grow Greenhouse Controls. As the leader in the development and sales of watering systems, propagation, misting & fogging, sensors and custom built contactor cabinets, Micro Grow products set the new standard for cost effective and efficient growing.

State-of-the-art computer-based control systems give you the power to meet demands placed upon the busy greenhouse grower without the need to understand the complexity of a computer. Our toggle switch front panel and pre-set factory settings take the worry out of your hands. Our controls, either single or multiple zones, are customized for your growing needs.

Environmental Control Selection Guide

	Growstat	Ventstat	Shadestat	Growmate	Growmate Plus	Ventmate Plus	Growcom	Procom
Features								
Safe, Low Voltage Operation, 24 Volts AC	◆	◆	◆	◆	◆	◆	◆	◆
Large and Easy to Read Front Panel LCD Display	◆	◆	◆	◆	◆	◆	◆	◆
Digital Accurate Microprocessor-Based Control System	◆	◆	◆	◆	◆	◆	◆	◆
Easy to Use Front Panel Program Switches	◆	◆	◆	◆	◆	◆	◆	◆
Manual Override Switches for all Outputs	◆	◆	◆	◆	◆	◆	◆	◆
Weatherproof, Clear Cover Enclosure with Lockable Cover	◆	◆	◆	◆	◆	◆	◆	◆
High and Low Sensor Memory for the Past 24 Hours	◆	◆	◆	◆	◆	◆	◆	◆
Separate Day, Night, and DIF Setpoints	◆	◆	◆	◆	◆	◆	◆	◆
Digital 24 Hour Internal Time Clock	◆	◆	◆	◆	◆	◆	◆	◆
Optional Weather Station Override Connections		◆	◆			◆	◆	◆
Additional Midday and Evening Setpoint for all Functions							◆	◆
Interfaces with Growlink Software Program							◆	◆
High and Low Sensor Readings Recorded for up to 3 weeks							◆	◆
Solar Effect and Outdoor Temperature Influence on Equipment							◆	◆
Independent Alarm Output for all Sensors							◆	◆
Programmable for Multiple Greenhouse Zones							◆	◆
Sensors								
Includes a Precision Temperature Sensor	◆	◆		◆	◆	◆	◆	◆
Includes a Solar Level K-Lux Sensor			◆				◆	◆
Includes a Precision Humidity Sensor								◆
Precision Humidity Sensor Available as an Option					◆		◆	◆
Soil, Hot Water, and Outdoor Temperature Sensors Available								◆
Optional CO2, Hot Water, Soil, PAR, Pyranometer, Kilowatt								◆
Controlled Greenhouse Equipment								
Active Cooling, Exhaust Fans, Pumps, etc.	◆			◆	◆		◆	◆
Roof Vents, Side Vents, Roll Up Side Curtains		◆				◆	◆	◆
Shade Systems, Energy Curtains			◆				◆	◆
Active Heating, Gas Heaters, Infrared Heat, etc.	◆	◆		◆	◆	◆	◆	◆
Hot Water Boilers, Pumps, Steam Boilers	◆	◆		◆	◆	◆	◆	◆
Air Circulation Stage, HAF Fans, Fan Jets	◆	◆		◆	◆	◆	◆	◆
Dehumidification Using a Precise Humidity Sensor					◆		◆	◆
Fog System Control Using Temperature and Humidity	◆						◆	◆
CO2 Injectors and Burners with Optional CO2 Sensor								◆
Hot Water Mixing Valves With Optional Hot Water Sensor								◆
Steam Valve Operation, Proportional Control								◆
Crop Lighting, Time of Day and Solar Level Operation								◆