Greenhouse Multi-channel Ventilation Controller.

Temperature Control

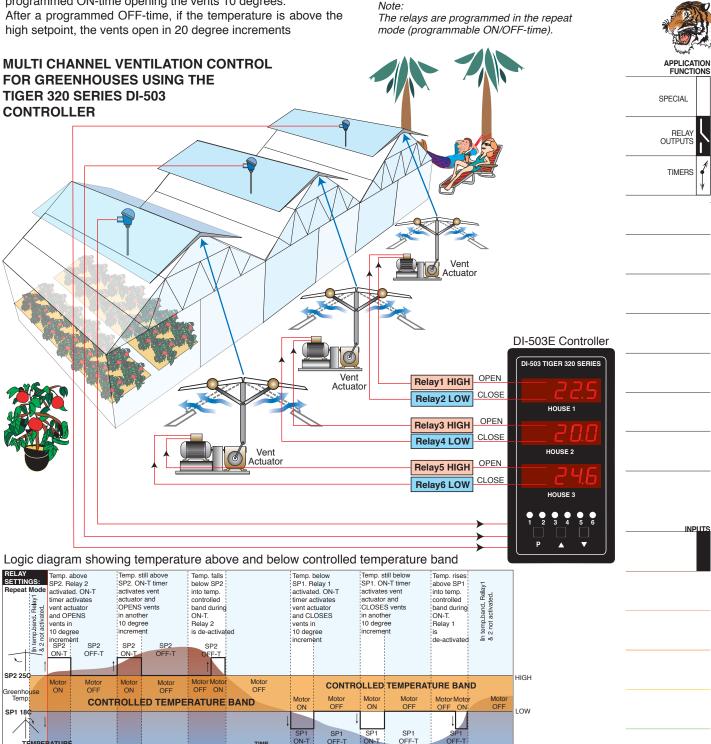
T/C, RTD

Our customer has greenhouses. The greenhouse temperatures are controlled by opening and closing the roof vents using a forward and reverse motor. When the temperature rises above the setpoint, the vent actuator motor operates for a programmed ON-time opening the vents 10 degrees.

high setpoint, the vents open in 20 degree increments

until the temperature falls below the high setpoint.

If the temperature in the greenhouses falls below the low setpoint, the vents progressively close keeping the greenhouse temperature within required limits.



Suggested Ordering Code Options for This Application

TEMPERATUR

Basic Order Codes Comments TEMPERATURE DI-503E-RRR-PS1-ITTC-OR46 Six setpoints to control Vent actuator motor.

OFE-T

ON-T