

Some UNI-STAT Advantages

Unlike most (any?) other controls, the UNI-STAT operates to maintain the SET-POINT temperature by allowing the cooling or heating to rise and fall AROUND the set-point temperature, instead of ABOVE (for heating) or BELOW (for cooling) by the amount of differential setting, thus maintaining an undesired average temperature ABOVE or BELOW your set-point. Some controllers operate with differential **opposite** from above; i.e. ABOVE set-point for cooling, and BELOW for heating.

Unlike most other controls, which operate to heat or cool full ON or full OFF (100% Duty Cycle) when called for, the UNI-STAT is the FIRST and ONLY controller to provide a 50% DUTY CYCLE cooling or heating operation, which means you can expect your work (or must) to experience more gentle temperature control operation, thus helping to avoid “overshoot” heating or cooling. Further, with 50% Duty Cycle selected, this “smart” UNI-STAT controller will automatically first provide 100% duty cycle operation until your set-point is reached the first time, then at 50% as needed to maintain your desired temperature. (Think of it as like intermittent lawn-watering, to allow full moisture penetration, without excess water run-off.) It will automatically switch back to 100% if and when the 50% duty cycle cannot maintain your desired temperature within 5°F for any reason, such as the thermal load.

Unlike some other controls, the output load RELAY of the UNI-STAT is rated at 30 Amps, for long-term reliability. Our recommended maximum steady-state load is 15 Amps, which provides 100% safety factor in operation.

Unlike most other controls, the UNI-STAT is equipped with simple, reliable and intuitive switches and indicators for easy understanding and operation, while providing for flexible set-up modes.

Unlike most other controls, the UNI-STAT provides a bright LED 3-digit temperature display, rather than the sometimes hard-to-read LCD-type display, in any lighting condition.

Unlike any(?) other control, the UNI-STAT has a full 3-Year Factory Warranty.