



Night

Night Temperature Controlled

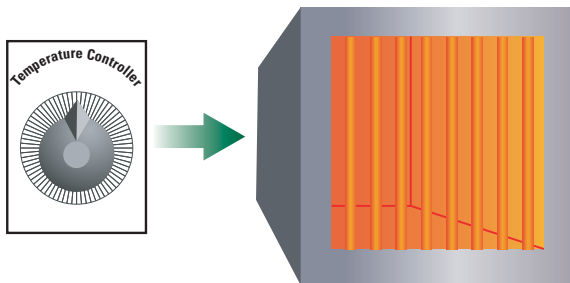
EMMA[®], EMMAQUA[®], and EMMAQUA with Nighttime Wetting

Advantages

- The night temperature system can approximate summer nighttime temperatures during winter exposures
- The system helps overcome effects of starting tests at different times of year (winter vs. summer)
- May enhance nighttime wetting degradation
- May improve acceleration factors by increasing thermal degradation
- May improve dark time reaction degradation
- The system helps to counteract the heat absorbing night desert sky and low winter night material temperatures
- Can be used in conjunction with standard EMMA or other temperature controlled products

Dependent on materials tested

How it works



- **Special heater platens** are mounted behind specimens on the target area
- Heater platens are connected to a thermostat with a set temperature
- Heating system is connected to a timer that turns on at night and off in morning
- Specimens in target area receive radiative, convective and conductive heating through unexposed side
- Customer can specify time, duration and set temperature of heating platens