

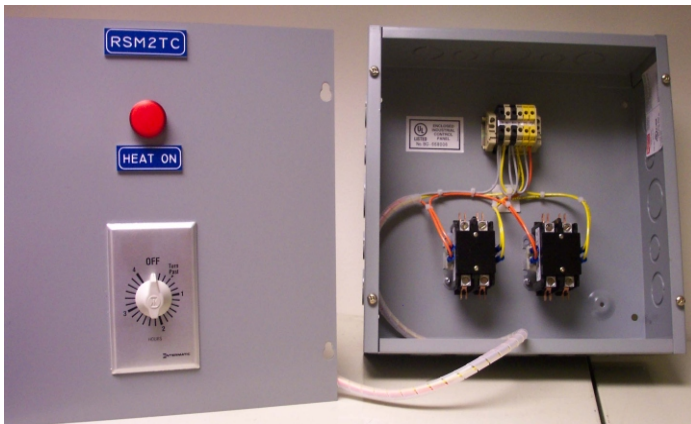
Operational Sequences For RSMCK Series Snow Melt Control Panels And Sensors

RSMCK-2C And RSMCK-4C Control Panels

The panels are designed to allow the system to be completely automated when using the DS-2B Snow Sensor is Installed.

One additional feature added the this series panel is the manual override timer which allows the user to bypass the automated Snow Sensor and operate the system in a manual mode. The hold timer (located on the front of the control panel) can be manually set for a maximum of 4 hours in order to melt skim ice or drifting snow.

Another feature is the red "Heat On" light. When lit the user knows that the system is in operation. This indicator light will also alert the user when the system has been turned on accidentally and prevent unexpected damage to this system.



RSMCK-2C



RSMCK-4C

Automated DS-2B Series Snow Sensor

Heating cables are activated when the temperature is 38 degrees F or below and also moisture is present. When the sensor no longer detects either of the above conditions the DS-2B continues heating the snow melting cables for a maximum period of 90 minutes by default in order to compensate for the site differences. The manual timer may be used at anytime in order to override the system.

Severe Cold Pre-Heat Operation

In the event of prolonged periods of severe cold, (4 continuous days of 10-15 degrees F or below) ground temperatures can get extremely low. Orbit Radiant Heating suggest pre-heating the surface previous to any expected event. If possible, manually turn on the system using the timer 3-4 hours previous to the expected event. This will allow the system to have a "head start" in warming up the unusually cold surface. Pre-heating will help insure that the surface is properly conditioned for the maximum performance.

