



# **NEW:** **SMC** *Snow Melt Control* *For Under Slab Heating Systems*

## ***Features:***

- LED display of actual and set point temperatures
- Inputs for "snow" sensor, system supply/return sensors and boiler return sensor
- Adjustable idle melt set points
- Adjustable minimum system run time
- Adjustable minimum boiler return temperature set point
- Adjustable maximum system supply temperature set point
- Adjustable precipitation sensitivity
- Adjustable cold weather cut off
- Adjustable system  $\Delta T$
- Outputs for motorized valve, burner & pump(s)
- Alarm output
- Remote communication option
- UL & CSA approval pending

## ***Description:***

The Heat-Timer SMC control is designed for under slab heating systems utilized for snow and ice melting. It can be used in applications such as driveways, runways, staircases, walkways, train/monorail stations, racetracks, etc. It senses slab temperature, the absence or presence of precipitation, slab water supply & return as well as boiler water return temperatures. Below an adjustable temperature set point it will energize the system into an idle mode. On a further drop in temperature, and if it detects precipitation, it will initialize the "melt" cycle. It will continue the melt cycle until no moisture is present. A minimum run time adjustment is included to prevent short cycling. In addition it provides a dry contact alarm output which is energized if set point is not reached within one hour or any sensor is reading outside its normal range.

 **HEAT-TIMER**<sup>®</sup>  
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