



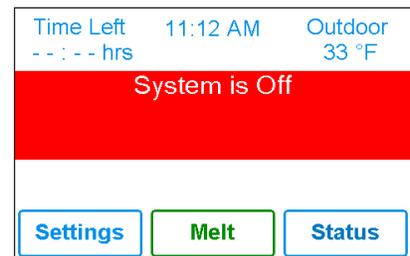
## Introduction

The WiFi Snow Melting Control 671 operates hydronic and electric heating equipment designed to melt snow and/or ice from roads and walkways surfaces. The control works with tekmar Snow/Ice Sensor 090 or Snow Sensor 095 to automatically detect snow or ice and operates a single boiler, steam valve or electric cable to supply heat to the slab.

## Manual Melting Operation

### Manual Start and Timed Stop

- Start from Control display
- Start from manual switch contact
- Start from tekmarNet® User Switch

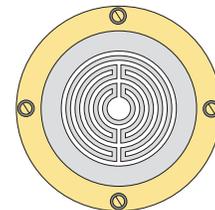


Press Melt button to start melting operation

## Automatic Melting Operation

### Automatic Start and Stop

- The Snow/Ice Sensor 090 or 094 is installed in the road or sidewalk.



OR

### Automatic Start and Timed Stop

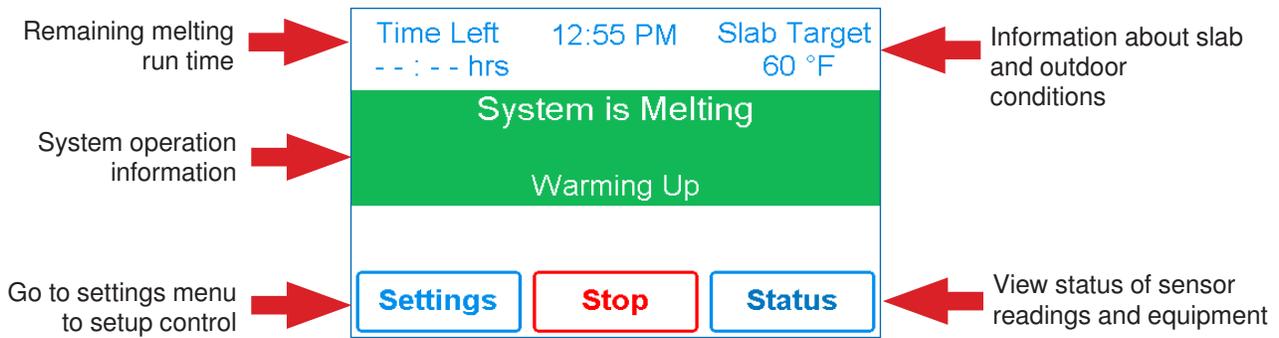
- The Snow Sensor 095 is installed on a pole outside the building.



### NOTICE

The automatic sensors require regular cleaning at least once per year to ensure reliable operation. Clean the sensor with hot soapy water and scrub with a nylon brush, then rinse and wipe clean with a cloth.

## User Interface



The snow melting system operates in one of these five modes:



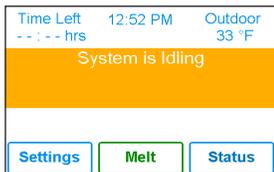
### SYSTEM IS MELTING

The control has either detected snow/ice and automatically started or the control was manually started.



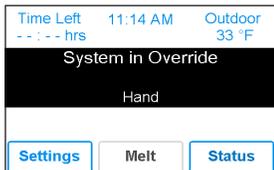
### SYSTEM IS OFF

The snow melting system is off and is ready to detect snow or ice.



### SYSTEM IS IDLING

The control is pre-heating the slab to the idling temperature. This reduces the amount of time needed to reach the melting temperature in the event snow or ice is detected.



### SYSTEM IN OVERRIDE

The control is in a manual override for testing purposes or manually disabled.

## Symbols



### WARNING SYMBOL

The control has an error message. Press the warning symbol to determine the error code and information on how to take corrective action. Refer to the Installation and Operation Manual for a list of error codes.

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All specifications are subject to change without notice

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