

WiFi Snow Melting Control 671



Introduction

The WiFi Snow Melting Control 671 operates hydronic and electric heating equipment designed to melt snow and/or ice from roads and walkway surfaces. The control works with the 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. The Watts® Home mobile application allows for remote operation and monitoring of the snow melting system from anywhere in the world.

Manual Melting Operation

Manual Start and Timed Stop

- Start from Control display
- Start from Watts® Home mobile app
- Start from manual switch contact
- Start from tekmarNet® User Switch

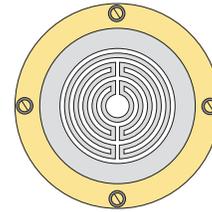


Press Melt button to start melting operation

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

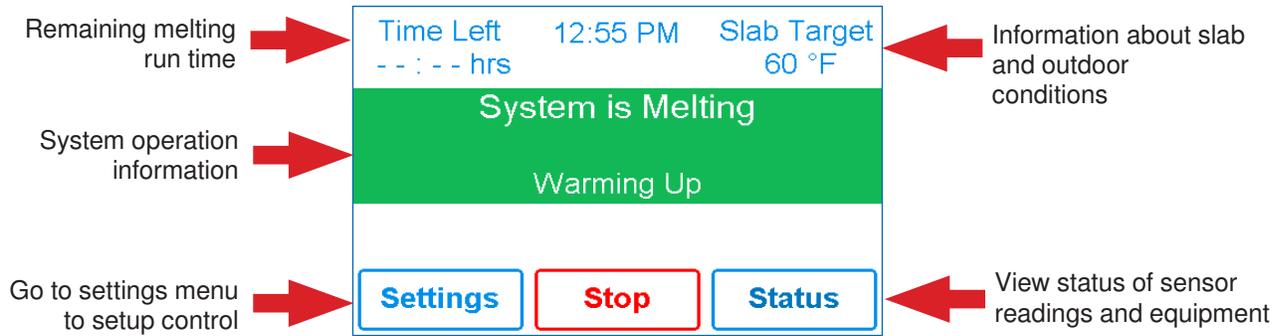
- The Snow Sensor 095 is installed on a pole outside the building.



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.



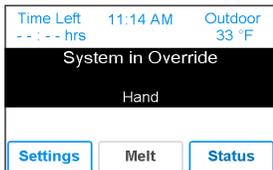
SYSTEM IS IDLING

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.



STORM PREDICTED

The storm feature can be manually started through a user switch. 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 a 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.

Watts® Home App

To view and adjust the WiFi Snow Melting Control 671 using a mobile phone or tablet, download the Watts Home mobile app from the Apple® iTunes® Store or from the Google Play® Store.

NOTICE

Before using the WiFi features of this product, you must accept the Terms of Use, as amended from time to time and available at Watts.com/terms-of-use. If you do not accept these terms, this product can still be used without WiFi features. This product requires WiFi WPA2 security. WiFi networks with security disabled or that use WEP are not supported.

Add Control to App



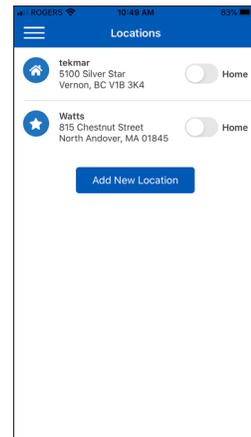
Step 1

Create a new account. Then sign in using your username and password.



Step 2

On the control, go to the WiFi menu and press Register Device.



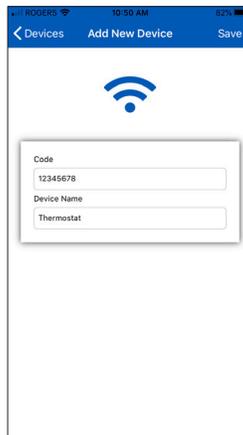
Step 3

Swipe left (Apple) or long hold (Android) to edit the Location name.



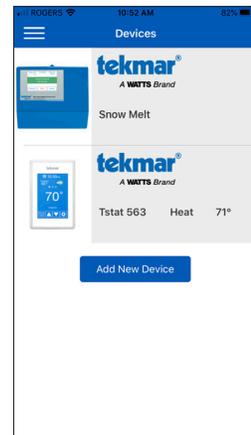
Step 4

Press the Location name and Add New Device.



Step 5

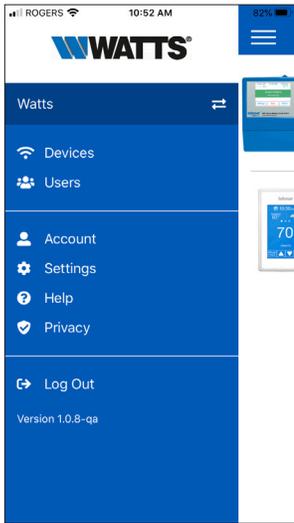
Enter the 8 digit code from the control into the mobile app. Then enter the control's device name.



The control is now listed on the Devices page.

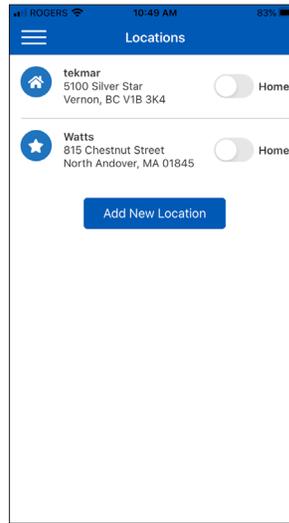
Using the App

Settings



Press ☰ for settings

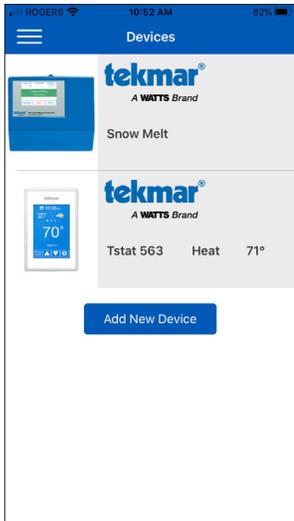
Locations



Toggle to **Off** to save energy when you are away for a day or more

Swipe left or long hold to edit or remove location

Devices



Swipe left or long hold to edit or remove device

Control

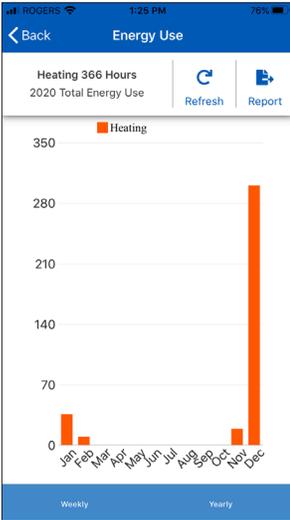


Current system operation status

Select between Off and Melt operation

- Energy use
- Refresh
- Control settings

Energy Use



Toggle between weekly and monthly energy use

Control Settings

The screen shows the 'Temperature Units' setting. A dropdown menu is open, displaying 'Fahrenheit' as the selected option. The background is a light gray gradient.

Adjust control temperature unit setting

Invite Users

The 'Invite User' form features a blue icon of three people at the top. Below it, there are two input fields: one for an email address (containing 'name@email.com') and one for a name (containing 'Plumber'). A blue 'Send Invite' button is positioned at the bottom of the form.

Invite other users to access all the devices at a location

My Account

The 'My Account' screen displays a blue user icon at the top. Below the icon, a message states: 'The following information is managed outside of the Watts Home application. Please click the 'Update' button below to make changes in the system of record.' Underneath this message, there are two input fields: one for 'user name' and one for 'user@email.com'. A blue 'Update' button is located at the bottom of the form.

Update your user name

Settings

The screenshot shows the 'Settings' app interface. At the top, the status bar displays 'ROGERS', signal strength, '10:55 AM', and '81%' battery. Below the status bar is a blue header with a hamburger menu icon, 'User Settings', and a 'Save' button. The main content is divided into two sections: 'NOTIFICATIONS' and 'PREFERENCES'. Under 'NOTIFICATIONS', there are three toggle switches for 'Push', 'Email', and 'Text', all of which are turned on. Below these is a 'Phone Number' field containing '1555 555 5555' and a blue 'x' icon. The 'PREFERENCES' section contains three dropdown menus: 'Language' set to 'English', 'Temperature Scale' set to 'Fahrenheit', and 'Measurement Scale' set to 'Imperial'.

Change the notification and unit settings for your account

Need help? Go to our website or contact us.

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