

SNO-0550 (Wi-Fi Enabled Snow Melt Control)

Technical Data Sheet



Description

The SNO-0550 operates Hydronic or electrical equipment designed to melt snow and/or ice for driveways, ramps, and walkways. The SNO-0550 works in conjunction with the SNO-0110 (optical snow melt sensor) to detect snow and/or ice. The SNO-0550 also has the capability to be controlled remotely using your smartphone or tablet device anytime and anywhere.

Functionality

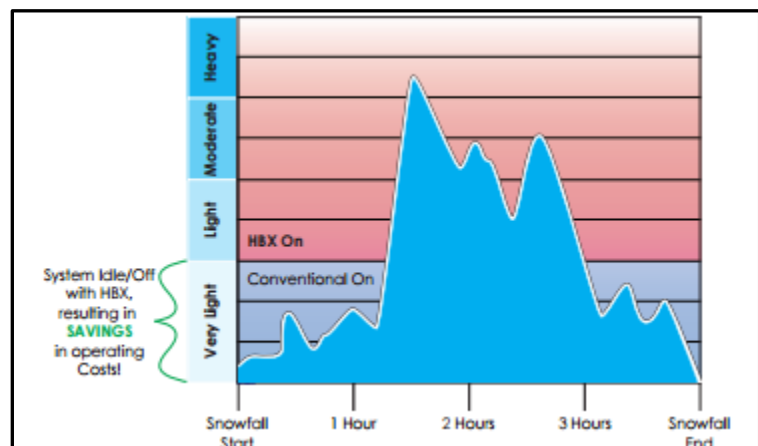
The SNO-0550 consists of numerous exceptional features including settings for your snow fall intensity as well as an adjustable ΔT . This distinctive design incorporates our user friendly programming features, while offering applications and snow melt provisions over and above conventional slab sensing. With the ability to control a single boiler, system and an injection pump, or a floating action valve for mixing purposes. The SNO-0550 also provides the user with multiple slab demand modes like idle, standby, anticipate, and force melt.

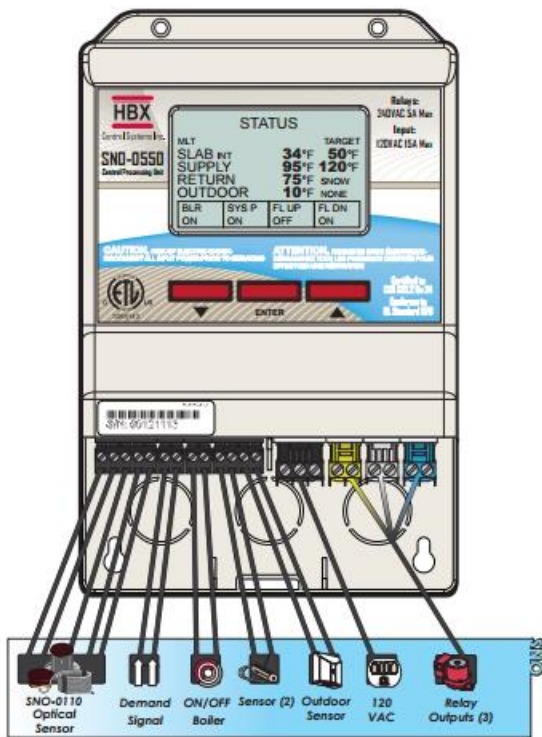
Optical Sensor (SNO-0110)

The SNO-0110 (Snow Melt Sensor) uses optics rather than the typical metal components to sense the presence of snow/ice on a slab. The sensor provides the SNO-0550 with information on snowfall intensity, and allows for multiple snowfall sensitivity settings, which can result in cost savings to the end user. The sensor is designed to be mounted in the slab however because of the optical design it can also be remotely installed.

Snow Fall Intensity Settings

As seen here, based on a "Light" snowfall setting, you can the HBX sensor will turn on the snowmelt system much later than a conventional sensor. This results in huge savings each snow season if your system can turn on later and turn off sooner.





Specifications

Weight	0.408kg
Dimensions	121mm W x 188mm H x 66mm 4.76inc W x 7.40in H x 2.60in
Storage	50°F to 140°F (10°C to 40°C)
Approvals	Meets CSA C22.2 No.24 Meets UL Standard 873 ETL Control No. 3068143
Demand Input Signal	(x1) input (pins 6-7)
Relay Outputs	(x3) 240VAC 5A (Dry Contacts)
Dry Contact	(x1) 2 Amp
Warranty	Limited 2 year

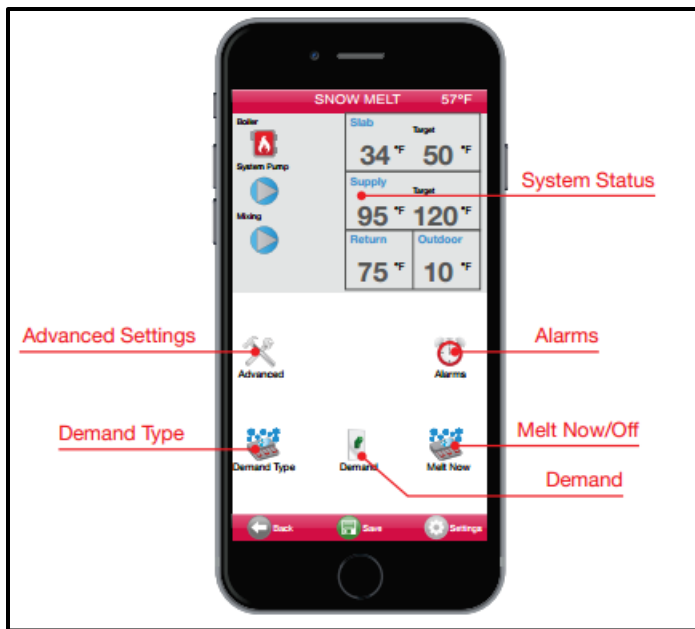
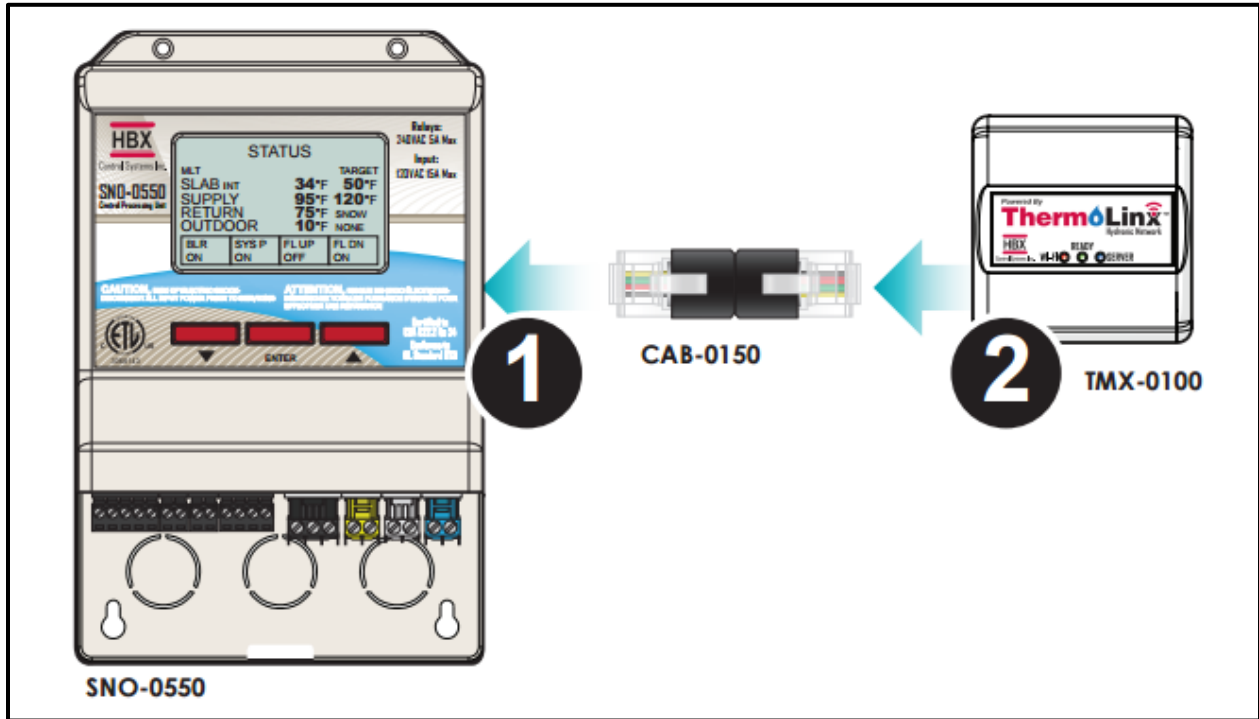
Product Features and Benefits:

- Pre-set snow fall conditions
 - Very Light
 - Light
 - Moderate
 - Heavy
- Utilizes optical snow fall settings technology
- Integrated slab sensor (can be installed remotely)
- Injection and mixing valve control
- Warm/Cold weather shutdown
- Warm weather testing feature
- Wi-Fi enabled with the ThermoLinx™ Wi-Fi Module (TMX-0100)
- Remote access via the HBX Zone App
- Multiple slab demands (force melt, idle, standby, anticipate)
- Easy programming and installation



Wi-Fi Setup

Connect the ThermoLinX Wi-Fi Communication module (TMX-0100) to the SNO-0550. Using your smartphone device and the HBX Zone App connect to your desired Wi-Fi network. The HBX Zone App is a free download from the App store for Apple® devices, or Google Play for Android™ devices.

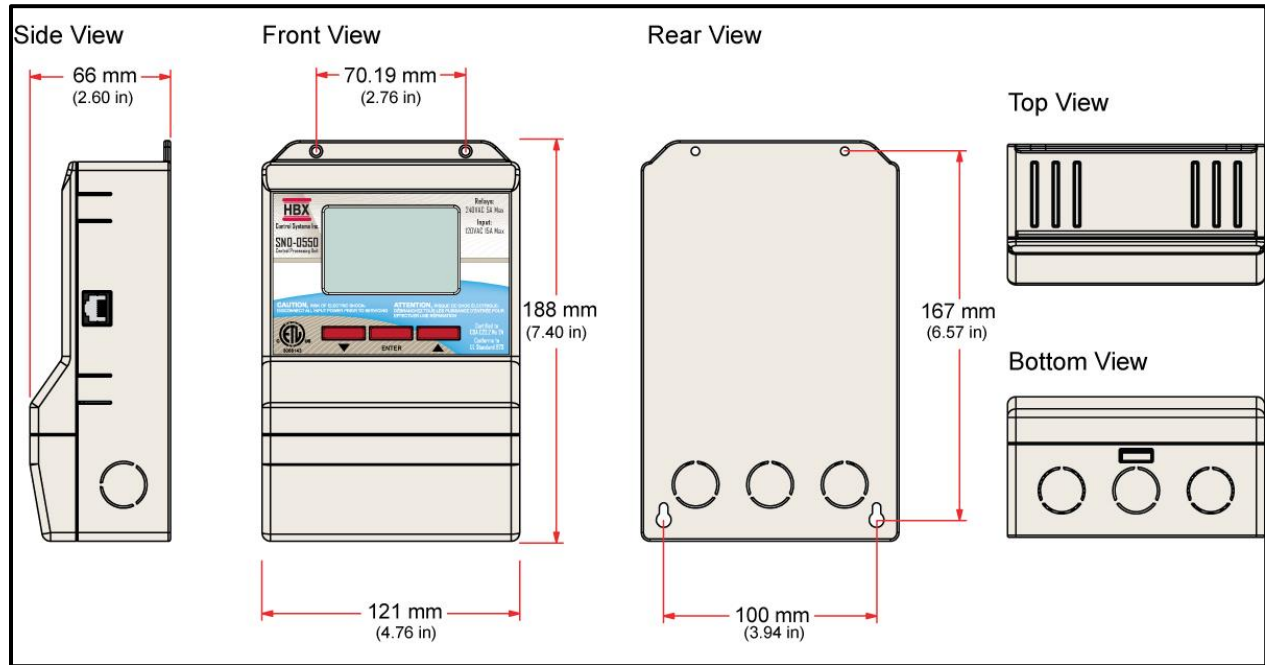


HBX Zone App

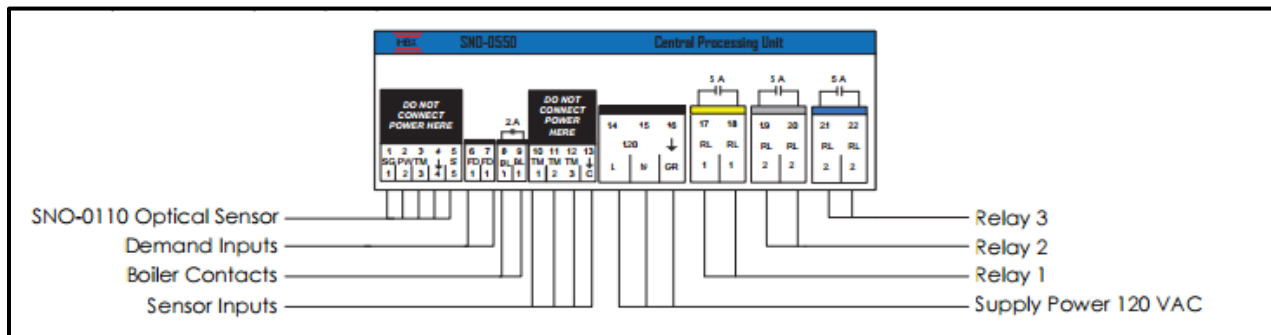
The SNO-0550 can also be controlled remotely using your smartphone or tablet device with the free HBX Zone App. The HBX Zone App allows you to control your snow melt system with the ability to set snow fall rates, adjust/monitor targets, set slab demands, and the ability to turn on/off your snow melt system anytime, anywhere.



Dimensions



Electrical Wiring



Mechanical Drawing

