



Selexit™ Configurator

Quick Start Guide

How to Size and Configure a Snow Melt System

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Introduction

The Watts® Selexit™ Configurator is an online tool designed to help specifying engineers, architects and project managers size and configure complete hydronic and electric snow melting systems faster and more easily than ever before.

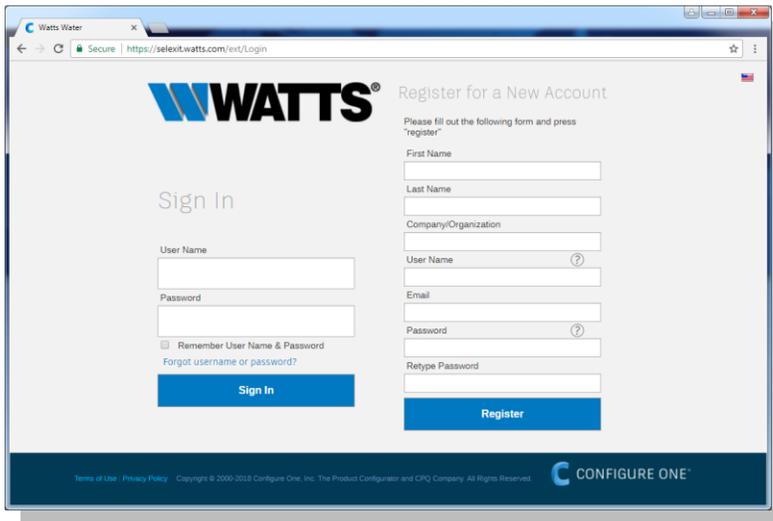
Within minutes, Selexit produces:

- professional specifications
- bill of materials
- project proposal complete with budget pricing

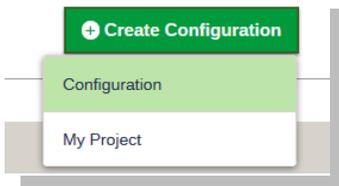
To demonstrate how to use Selexit and to highlight some of its features, this guide provides a step-by-step tutorial for a hydronic snow melting system. Included in the tutorial are instructions on how to use the software's sharing and collaboration capabilities.

Getting Started

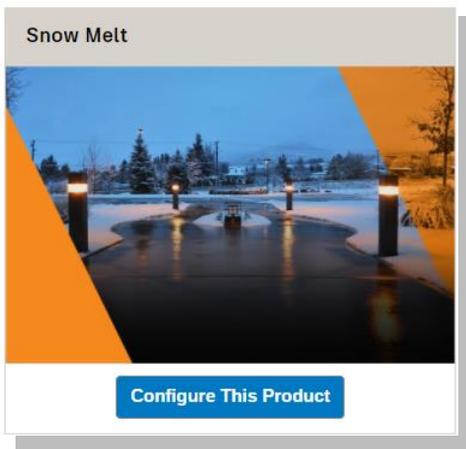
To begin, go to <https://selexit.watts.com/ext/Login> and complete the registration form to create a login account.



After you sign in and are on the home page, click **Create Configuration** (located in the upper right) and select **Configuration** to view the available product categories.



Under Snow Melt, click **Configure This Product**.



Creating a Configuration

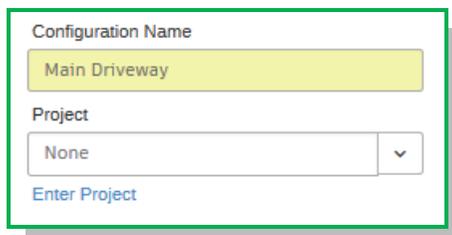
Procedure

To configure a snow melt system, enter the information shown on each screen. Fields with a yellow background are mandatory. Click **Continue** to proceed to the next screen.

 Place your cursor over the blue help icon to view tool tips that explain available options or provide details about the field.

NOTE: If you click **Save**, the data will be stored, but the screen will stay the same.

1. Enter a name to identify your snow melt configuration. Optionally, enter a project name. (Projects are used to group multiple configurations.)

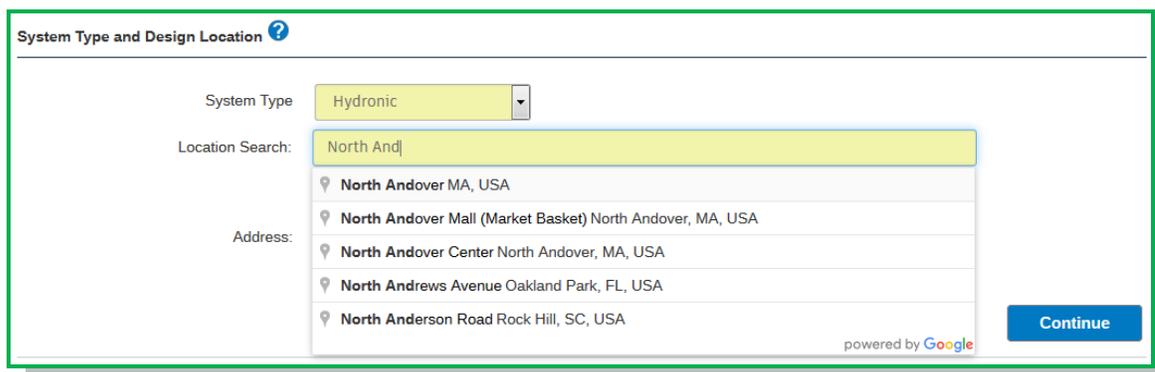


Configuration Name
Main Driveway

Project
None

[Enter Project](#)

2. Start your design by selecting the **System Type** from the drop-down list. Next, enter the US address where the system will be installed. Minimally, enter a town and state. Suggestions will appear as you type. Choose your location when it appears. This will load the temperature and snowfall data for that address.



System Type and Design Location 

System Type: Hydronic

Location Search: North And

Address:

- North Andover MA, USA
- North Andover Mall (Market Basket) North Andover, MA, USA
- North Andover Center North Andover, MA, USA
- North Andrews Avenue Oakland Park, FL, USA
- North Anderson Road Rock Hill, SC, USA

powered by Google

[Continue](#)

NOTE: Widen your browser window if you do not see the **Continue** button.

3. Select the **Application**, **Construction** and **Tube Type** from the drop-down lists. Use the tool tips to help you decide which option to choose.

In the **Area** text box, enter the square footage of the surface area that requires snow melting.

While you may change the other fields on this screen, we recommend using the default values set by Selexit.

Glycol Concentration

Glycol Type: Propylene Glycol

Glycol Concentration: 50

Freezing Point (°F): -23.2

Zone Inputs (Single Zone)

Zone	Application	Area (ft ²)	Class	Confidence %	Construction	Tube Type
1	Driveway	1200	2	95	Concrete, Non-Insulated	RadiantPEX+

Circuit Length

Minimum Circuit Length: 250

4. The Design Preview screen displays your location's estimated heat intensity based on ASHRAE¹ data, which is appropriate for most installations. Review the information in the tool tip to see if your location requires a manual override.

Design Preview

Estimated Design Heat Intensity (Btu/hr-ft²): 113.597

Heat Intensity Manual Override (Btu/hr-ft²): 113.597

5. The Design Summary and Manifold Summary are informational only.
6. The last step is to enter the amount of tubing required for the snow melt system and to choose any accessories.

Under the **Tubing Quantity** section, Selexit displays the Total Tubing Needed based on your previous input. Enter the total number of coils for the available lengths, so that the sum of the lengths will meet or exceed the requirement.

¹ ASHRAE: American Society of Heating, Refrigerating and Air-Conditioning Engineers

In the following example, the system requires 1750 feet of tubing. One coil of 1200 feet and another of 600 feet are selected. The two coils total 1800 feet. Make sure the **Total Tubing Selected** is equal to or greater than the **Total Tubing Needed**.

	Quantity
300 ft	<input type="text"/>
400 ft	<input type="text"/>
500 ft	<input type="text"/>
600 ft	1
1000 ft	<input type="text"/>
1200 ft	1
Total Tubing Needed	1750
Total Tubing Selected	1800

One 600 ft coil and one 1200 ft coil are specified

Required tubing length

Sum of 600 ft and 1200 ft coils

Scroll down to the bottom and indicate if you want to include a pressure test kit for your system.

Would you like to add a pressure test kit?

Please Select

Please Select

Yes

No

7. Selexit is now ready to create your configuration, but first you may want to verify your input. Place your cursor over the “i” icons in the gray panel on the left-hand side to see the current settings. If necessary, click on the icon or text to return to the configuration screen and make a change. When you are satisfied, click **Configure** to begin the build process.

Previous Options

- System Type and Design Location ⓘ
- Glycol Concentration ⓘ
- Zone Inputs (Single Zone) ⓘ
- Circuit Length ⓘ
- Design Review ⓘ
- Design Summary ⓘ
- Manifold Summary ⓘ
- Please Select Tubing Quantity ⓘ
- Accessories ⓘ

“i” icons

Product : Snow Melt
 Configuration Name : Main Driveway
 Configuration Number : C-11161

Configure Design

Ready for Configuration
 We have all the information needed to configure your product. You can:

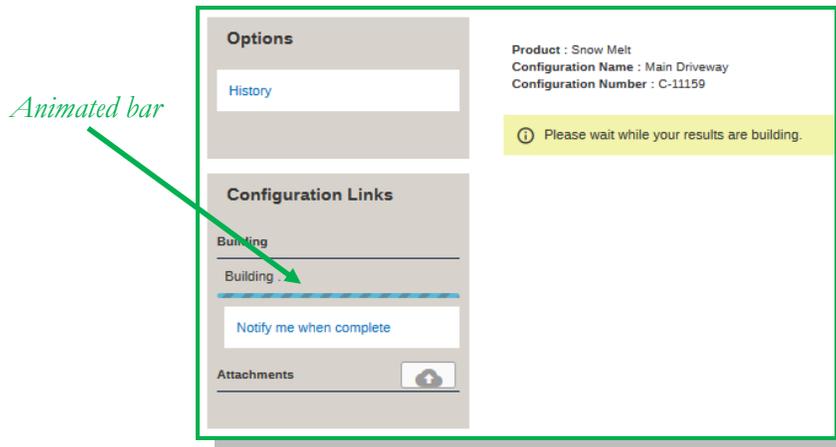
- Press “configure” to create your Configuration now
- Press “save” and return to this Configuration later for further editing and configuration
- Press “cancel” to discard your changes

Accessories

Would you like to add a pressure test kit? Yes

Build Process

Building the configuration only takes a few seconds. While Selexit is building, you will see an animated bar in the panel under Configuration Links.



When the build is complete, the Snow Melt System information appears on the screen. Selexit displays the product's part number (item number), description and list price.

Sharing and Viewing Configuration Results

Selexit makes it easy to view and share your configuration results for collaboration, pricing and downloading. Options to access results are listed in the gray panel located on the left side of the screen.

The screenshot displays the WATTS Configuration Results interface. On the left, a gray sidebar contains several sections: 'Options' (with links for Email Results, Collaborate, and History), 'Configuration Links' (with links for Design Reports, Snow Melt System, and Bill of Materials), 'Downloadable Files' (with links for Watts Proposal, Full Line Product Catalogue, RadiantPEX+ Tubing, SS Manifolds, ProMelt Direct Panel Spec, and ProMelt Direct Installation), and 'Attachments' with an upload icon. A green arrow points to this sidebar with the text 'Configuration options and results'. The main content area shows the product name 'Snow Melt System' and a table of items:

Qty	Item #	Description	Price
1	SM25X58AM07AT-C250	Snow Melt 250,000 BTU/hr RadiantPEX+ 5/8 1" Stainless M07 Circuit Length 250	\$ 13,661.60
Total			\$ 13,661.60

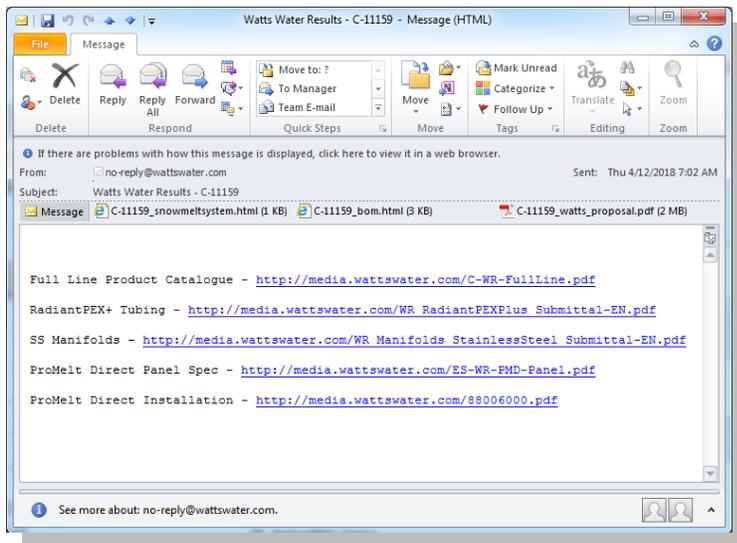
At the bottom of the screen, there is a footer with 'Terms of Use | Privacy Policy' and copyright information for 'Configure One, Inc.' and 'CONFIGURE ONE'.

Configuration Results screen

Email Results

Use this feature to send links to view submittal forms, installation instructions, spec sheets and product catalog, as well as a downloadable bill of materials and project proposal directly from Selexit to one or more email recipients. Simply fill out the form and choose the information you want to send. You may also upload additional files using the **Attachments** option located at the bottom of the panel.

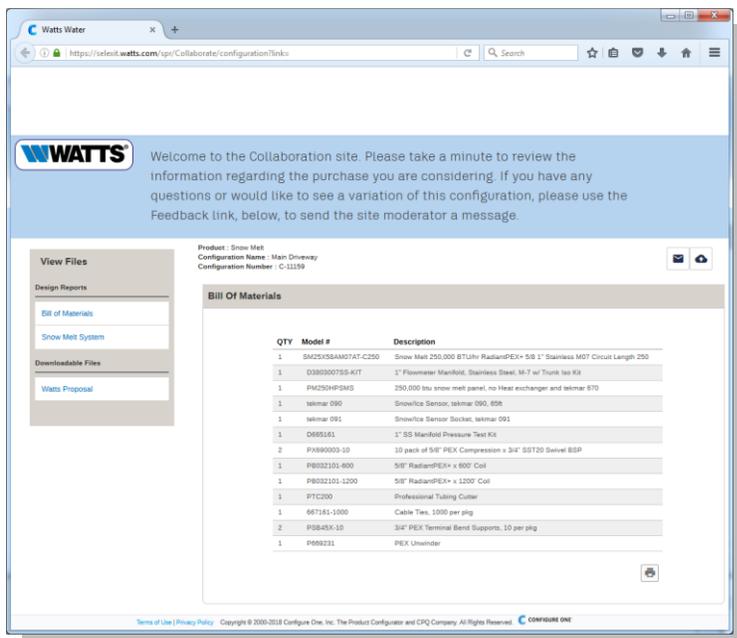
The example below shows an email that Selexit sends to your recipients.



Email from Selexit to recipient

Collaborate

This highly configurable feature creates a secure webpage, similar to the following example, which can be used to share configuration results with colleagues, managers, and others who you invite. Choose only the reports and files you want people to access. In addition to reviewing results, collaborators can also upload their own documents and apply comments, if you enable these capabilities. You may apply an expiration date to the webpage or make it available indefinitely.



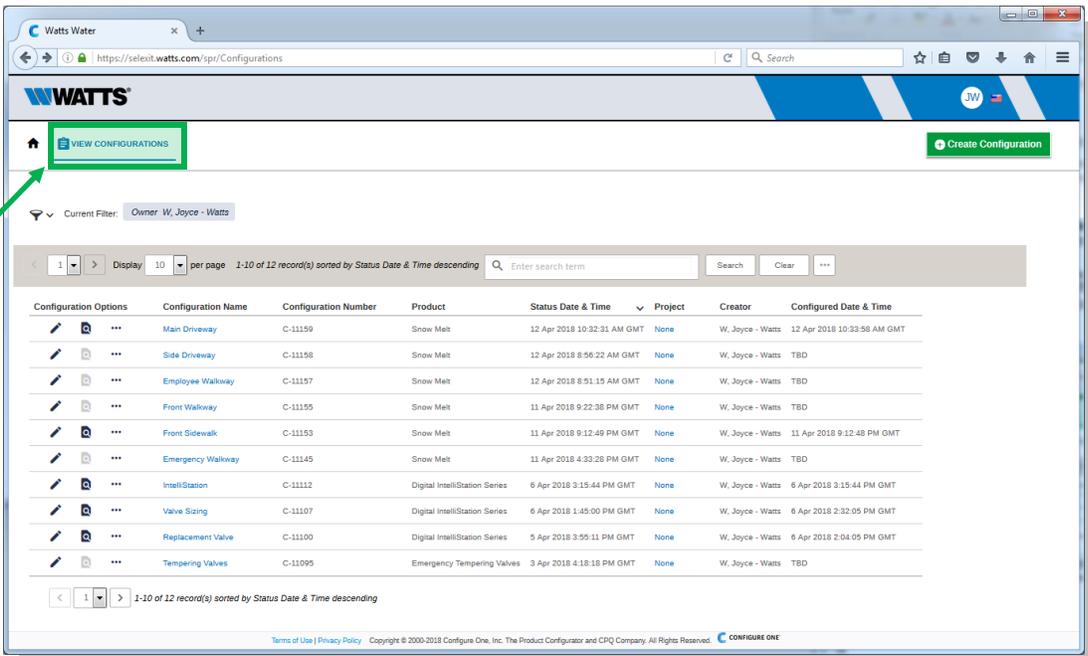
Collaboration webpage example

View Configuration Results

To see your configuration results, click the name of the report or file under **Configuration Links**. The contents listed may vary depending on the fields you specified during the configuration procedure.

Under Options, use the **History** link to view details about the configuration, such as creation date, build date and time, comments submitted, etc.

If you have created one or more configurations, you can access archived results by clicking **VIEW CONFIGURATIONS** at the top left of the screen. Click the Results icon  to open the configuration results screen. (Incomplete configurations are also included in the table.)



View Configurations

Configuration Options	Configuration Name	Configuration Number	Product	Status Date & Time	Project	Creator	Configured Date & Time
	Main Driveway	C-11159	Snow Melt	12 Apr 2018 10:32:31 AM GMT	None	W, Joyce - Watts	12 Apr 2018 10:33:58 AM GMT
	Side Driveway	C-11158	Snow Melt	12 Apr 2018 8:56:22 AM GMT	None	W, Joyce - Watts	TBD
	Employee Walkway	C-11157	Snow Melt	12 Apr 2018 8:51:15 AM GMT	None	W, Joyce - Watts	TBD
	Front Walkway	C-11155	Snow Melt	11 Apr 2018 9:22:38 PM GMT	None	W, Joyce - Watts	TBD
	Front Sidewalk	C-11153	Snow Melt	11 Apr 2018 9:12:49 PM GMT	None	W, Joyce - Watts	11 Apr 2018 9:12:48 PM GMT
	Emergency Walkway	C-11145	Snow Melt	11 Apr 2018 4:33:28 PM GMT	None	W, Joyce - Watts	TBD
	IntelliStation	C-11112	Digital IntelliStation Series	6 Apr 2018 3:15:44 PM GMT	None	W, Joyce - Watts	6 Apr 2018 3:15:44 PM GMT
	Valve Sizing	C-11107	Digital IntelliStation Series	6 Apr 2018 1:45:00 PM GMT	None	W, Joyce - Watts	6 Apr 2018 2:32:05 PM GMT
	Replacement Valve	C-11100	Digital IntelliStation Series	5 Apr 2018 3:55:11 PM GMT	None	W, Joyce - Watts	6 Apr 2018 2:04:05 PM GMT
	Tempering Valves	C-11095	Emergency Tempering Valves	3 Apr 2018 4:18:18 PM GMT	None	W, Joyce - Watts	TBD

View Configurations screen