

Wirsbo SNOWpro 411 Snow Melt Control

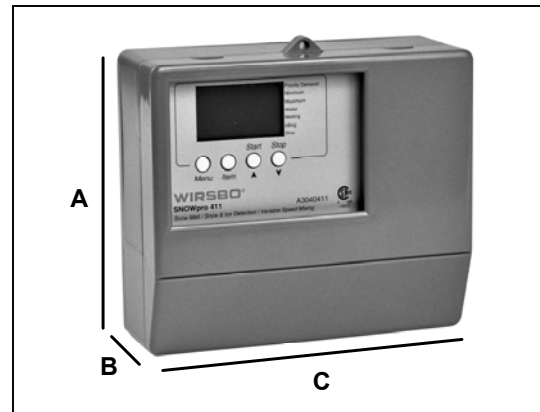
Submittal Information
Component

Project Information

Job Name: _____	Part No. Ordered: _____
Location: _____	Quantity Ordered: _____
_____	P.O. Number: _____
Engineer: _____	Date Submitted: _____
Contractor: _____	Submitted By: _____
Mfg Rep: _____	Approved By: _____

Technical Data

Control.....Microprocessor PID control
Enclosure.....PVC Plastic
Ambient Conditions.....Indoor use only, 32 to 122°F
Power Supply.....115 VAC ± 10% 50/60 Hz
Variable Speed Pump.....230 VAC 2.4 A 1/6 hp
Relays.....230 VAC 5 A 1/3 hp
Demand.....20 to 260 VAC 2 VA
Sensors.....NTC thermister, 10 kΩ @ 77°F



Product Information and Application Use

The Wirsbo SNOWpro411 is a fully automatic snow and ice melting control that responds to changing weather conditions. It offers one temperature reset using a variable speed injection mixing pump. The SNOWpro 411 can also provide boiler protection from low return fluid temperatures which may result in boiler flue gas condensation. A boiler enable signal (not boiler reset) is used to turn on the boiler and primary circulator. Included with the control is a Wirsbo Snow & Ice Detector for a totally automatic snow and ice melting system. Together, they provide protection for the slab from thermal shock and control optimum fluid temperature to the snow melt slab.

Ordering Information

√ Description	Part Number	A	B	C	D	E	Weight
[] Wirsbo SNOWpro 411	A3040411	6.625"	2.813"	7.563"	N/A	N/A	3.5 lbs

Dimensional Information

Standards

CSA C22.2 N° 142-M 1987
CSA C22.2 N° 15-M90
UL N° 508 - 16th edition
CSA C US, meets ICES & FCC regulations for EMI/RFI

Installation

- Refer to the Wirsbo SNOWpro 411 Installation Manual for additional information.

Snow & Ice Detector

The snow and ice detector comes with an installation socket and a 65 foot, 5-strand jacketed sensor cable. The sensor measures slab temperature, surface temperature and presence of surface moisture.

Related Applications

Wirsbo Snow & Ice Melting Systems

