

**Wirsbo proMIX 212 Injection Mixing Control**

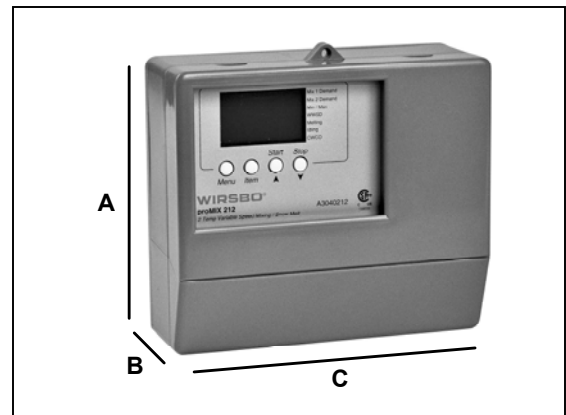
**Submittal Information**  
Component

**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  
Enclosure ..... PVC Plastic  
Ambient Conditions ..... Indoor use only, 32 to 102°F  
Power Supply ..... 120 VAC ± 10% 50/60 Hz  
Variable Speed Pumps ..... 240 VAC 2.4 A 1/6 hp  
Relays ..... 240 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 proMIX 212 is a weather responsive, two-temperature control for hydronic radiant heating and snow and ice melting systems. The proMIX 212 can be used in reset, setpoint or snow melt modes. This control achieves proper supply water temperatures by using variable speed injection pumps between the primary boiler loop and secondary radiant loops. This control also protects the boiler from low return water temperatures by monitoring the boiler return water temperature. The proMIX 212 can function as a stand alone mixing control or function as an expansion module to the Wirsbo SYSTEMpro 311. The proMIX 212 control comes with the outdoor sensor, the boiler return sensor and two supply water sensors. The pumps used for the variable speed injection mixing are purchased separately. If the second injection module is to be used for snow melting operations, it is highly recommended to include the Wirsbo Snowmelt Enable Kit with the control.

**Ordering Information**

Description	Part Number
√ [ ] Wirsbo proMIX 212	A3040212

**Dimensional Information**

A	B	C	D	E	Weight
6.625"	2.813"	7.563"	N/A	N/A	3.5 lbs

**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 proMIX 212 Installation Manual for additional information.

**Options**

Wirsbo Snowmelt Enable Kit	A3040039
Wirsbo Remote Display Unit	A3040040

**Related Applications**

Wirsbo Radiant Floor Heating Systems  
Wirsbo Permafrost Heating Systems  
Wirsbo Snow & Ice Melting Systems

