WS-P Snowmelt Controller



Melt Snow and Ice with ease

- High weather integrity
- High power out
- Remote touch control
- Easy installation

Weather resistant smart controller for Snow & Ice melt with remote control option.

- Designed for easy installation and maintenance
- Simple operation. Magnet activated controls, no need to remove cover
- Low power consumption - Operates only when moisture detected
- Compatible with the OJ Electronics outdoor sensors
- Remote control option available
- 3x30 Amp load capacity
- NEMA4x / IP66 rated enclosure for outdoor installation capability
- Withstands low temperatures

Weather resistant and weather based heating
The WS-P Snowmelt Controller is designed for outdoor and indoor installation maintaining integrity level NEMA4x / IP 66. The controller will withstand temperatures down to -50°C / -58F.
OJ's sensors ensure energy efficient operation by only triggering the WS-P system when moisture is detected.

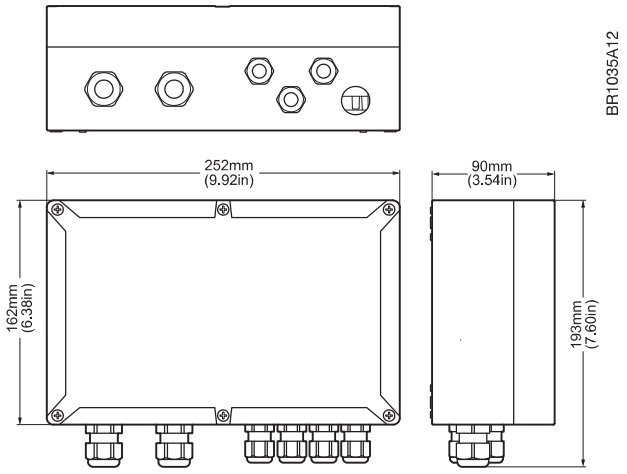
Easy Installation
Mount the controller with four screws and then connect the cables. Define sensor use and after-run time. Run the system test program. Be at ease. Quick setup and operation.

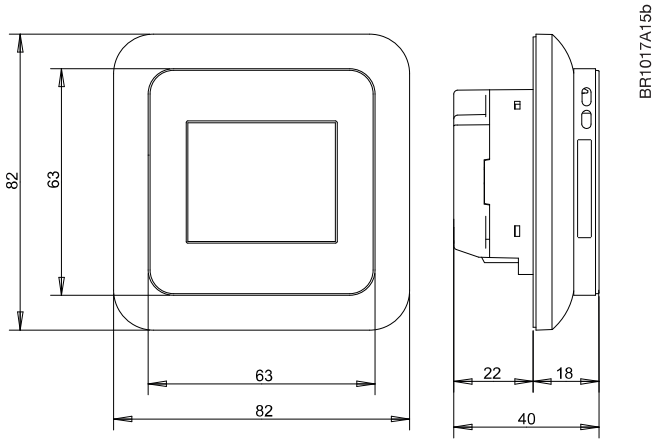
Easy Operation
Simply swipe the WS-P with a magnet to see the status. Not what you need? Then just swipe again. No need to remove the cover, read long instructions or even check on the system every day.

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Remote Control Capability

If you install the remote controller you will have the capability of viewing and changing system status from the comfort of indoors.

Cost and Energy Control

When you have turned on your system it stills helps you conserve energy and costs. No heating when the temperature is high or the weather is dry. Only heating when needed.

TECHNICAL DATA - WS-P

Supply		3~ 120/208 VAC, 3~277/480 VAC, ~ 120/240 VAC ±10%, 60 Hz 3~ 230/400 VAC, ~230 VAC ±10%, 50 Hz
Load		$30A_{RMS}$ Resistive load for 1, 2 or 3 phased
Power		3 x 3600W at 3~ 120/208 VAC, 3 x 30A 3 x 8310W at 3~ 277/480 VAC, 3 x 30A 3600W at ~ 120 VAC, 3 x 30A 7200W at ~ 240 VAC, 3 x 30A 3 x 6900W at 3~ 230/400 VAC, 3 x 30A 6900W at ~ 230VAC, 30A
Cable load and supply		0,75 – 10 mm², 20 AWG -4 AWG Fitting: 2 x M25
Interface		
	Sensor	Temp sensor embedded WS-F744 temperature sensor WS-OR55 gutter moist sensor WS-55 ground moist and temperature sensor WS-56 ground moist and temperature sensor Fitting: 4 x M20
Remote controller		
	WS-P-R	2” touch display
Integrity		
	NEMA 4X IP66	
Temperature		
	Load	-30°C to 30°C / -22F to 86F
	Stand by	-50°C to 50°C / -58F to 122F
	Storage	-50°C to 70°C / -58F to 158F

TECHNICAL DATA - WS-P-R

Dimension (H(H)WD)	162mm(190mm)/252mm/89mm / 6.4”(7.5”)/9.9”/3.5”
After run/forced	2hours-17hours
Start temperature	5°C / 41F
Moist sensing	4 levels

Remote and overview

The remote unit gives you all the control features needed for outdoor temperature and system feedback.

TECHNICAL DATA - WS-P-R

Display	2” TFT color touch resistive
Supply voltage from ETOP	28V DC ±10%
Power consumption	<0.8 W
Electrical connection	Max 1 mm², screw terminals
QuickPlug™	Modbus 1 x RJ12 (6P6C) unit
Ambient operating temperature	10/+40°C
Enclosure	IP21
Weight	80 g

Approvals:

EU:	EN 60730-1:2011, EN 60730-2-9:2010
US:	UL 60730-1 5th. ed., UL 60730-2-9 4th. ed.
Canada:	CAN/CSA E60730-1 5th. ed., CAN/CSA E60730-2-9 3th. ed.

RoHS

UL E-file: E157297 c UL us LISTED CE

WARMZONE
PREMIER RADIANT HEATING