PD Pro
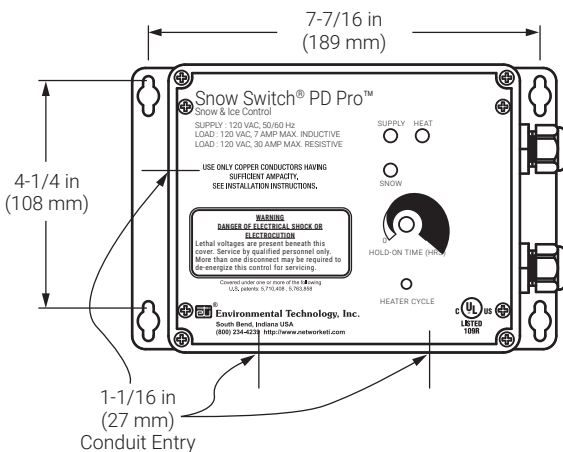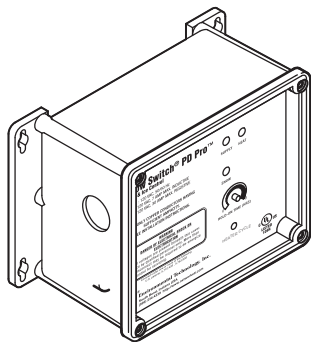
Automatic snow and ice melting controller

PRODUCT OVERVIEW

The ETI® PD Pro is an automatic snow and ice melting controller for pavement, sidewalks, loading docks, roofs, gutters and downspouts in commercial and residential environments.

The PD Pro interfaces with up to two sensors, (any combination of Snow Owl, GIT-1 or SIT-6E) to meet site requirements. The controller features automatic and manual-override operator controls. The adjustable Hold-On timer continues heater operation up to 8 hours after the sensors stop detecting snow or ice to ensure the rest of the slab has completely dried. The Heater Cycle control button allows manual initiation or cancellation of a heating cycle. The optional RCU−3 remote control unit can be located for convenient monitoring and control. These flexible control options provide complete snow melting and water evaporation at a low operating cost.

The PD Pro is housed in an environmentally-sheltered Type 4X enclosure and weighs only 3 pounds. The PD Pro is a snow and ice controller for medium-sized applications whose features and power requirements do not require an APS or EUR Series control panel. For complete information describing application, installation, and features, please contact your nVent representative or visit nVent.com.

GENERAL

Area of use	Nonhazardous locations
Approvals	c(UL)us LISTED 109R — Type 873 Temperature Regulating Equipment Also evaluated by Underwriters Laboratories Inc in accordance with UL 1053 Ground-Fault Sensing and Relaying Equipment

ENCLOSURE

Protection	Type 4X
Dimensions	5 1/2" (L) x 8 1/8" (W) x 4 3/8" (H) 140 mm (L) x 207 mm (W) x 112 mm (H)
Material	Polycarbonate
Cover attachment	Polycarbonate cover, machine screws
Weight	3 pounds (not including sensors)
Mounting	Wall mount
Entries	2 x 3/4" entries (right) for NEC Class 2 connections 3 x 1-1/16" entries (bottom and left) for supply and load power

CONTROL

Supply voltage	100-277 Vac; 50/60 Hz
Load	30 A maximum resistive 7 A maximum inductive
Heater Hold-On timer	0 – 8 hrs; actuated by snow stopping or toggle switch
System test	Switch toggles heater contact on and off. If temperature exceeds optional high limit thermistor (45°F), heater shuts off to reduce costs and prevent damage

FRONT PANEL INTERFACE

Status indicators	SUPPLY (green): Power on HEAT (yellow): Heating cycle in progress SNOW (yellow): Sensor(s) detect snow

ENVIRONMENTAL

Operating temperature	−31°F to 130°F (−35°C to 55°C)
Storage temperature	−67°F to 167°F (−55°C to 75°C)

ORDERING INFORMATION

Catalog number	Part number	Description
PD Pro*	P000001508	Automatic Snow and Ice Melting Controller
Snow Owl	P000002358	Aerial Snow Sensor
GIT-1*	126795-000	Gutter Ice Sensor
SIT-6E*	P000000112	Pavement Mounted Snow and Ice Sensor

* The PD Pro does not come with any sensors. Sensors must be ordered separately.

North America

Tel +1.800.545.6258
Fax +1.800.527.5703
thermal.info@nVent.com

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