**PD PRO**

**AUTOMATIC SNOW AND ICE MELTING CONTROLLER**

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**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 CIT-1, 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 Pentair Thermal Management representative or visit www.pentairthermal.com.

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**GENERAL**

- **Area of use**: Nonhazardous locations
- **Approvals**:
  - Type 873 Temperature Regulating Equipment
  - 109R
  - Also evaluated by Underwriters Laboratories Inc in accordance with UL 1053 Ground-Fault Sensing and Relaying Equipment

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**SUPPLY**: 120 VAC, 50/60 Hz

**LOAD**: 120 VAC, 7 AMP MAX. INDUCTIVE

**LOAD**: 120 VAC, 30 AMP MAX. RESISTIVE
## 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

<table>
<thead>
<tr>
<th>Catalog number</th>
<th>Part number</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>PD Pro*</td>
<td>P000001508</td>
<td>Automatic Snow and Ice Melting Controller</td>
</tr>
<tr>
<td>CIT-1*</td>
<td>512289-000</td>
<td>Aerial Snow Sensor</td>
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<tr>
<td>GIT-1*</td>
<td>126795-000</td>
<td>Gutter Ice Sensor</td>
</tr>
<tr>
<td>SIT-6E*</td>
<td>P000000112</td>
<td>Pavement Mounted Snow and Ice Sensor</td>
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* The PD Pro does not come with any sensors. Sensors must be ordered separately.