

Wireless Thermostat

The industry standard for dependable temperature control

PL-1



Overview

The PL-1 is the dependable choice for precise, everyday tank temperature control. Featuring a bright local display and tactile buttons, it allows quick tank-side adjustments and clear visual feedback.

Designed for simplicity and reliability, it provides full heating, cooling, pulse-cooling, and Auto-mode operation while integrating seamlessly into the TankNET® Ecosystem.

The PL-1 combines hands-on control with full remote management for a smooth balance of simplicity and capability - trusted by winemakers and brewers worldwide.

Applications

- ✓ Precise Tank Temperature Control
- ✓ Wine, Beer, Sake, Cider, Kombucha
- ✓ TankNET® Software

Key Features

Precise Heating and Cooling

Jump starts fermentation with gentle heat, then seamlessly transitions to free-rise.

Flexible Mounting Options

Mounts to ice shield or to top of tank via stainless steel pole mounting option..

IP-67 Rated Enclosure

Fully sealed, water-tight, and dust proof enclosure for harsh cellar and outdoor environments.

Two Temperature Inputs

Monitor temperatures at up to two locations.

Real-Time Brix Integration

Works with Acrolon's brix monitoring solution for actionable, real-time fermentation insights

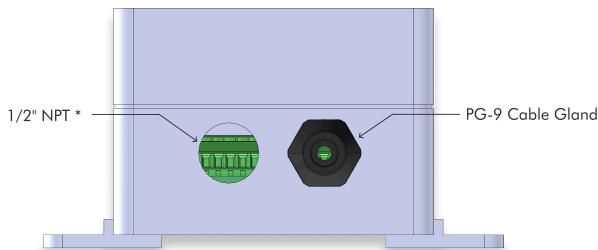
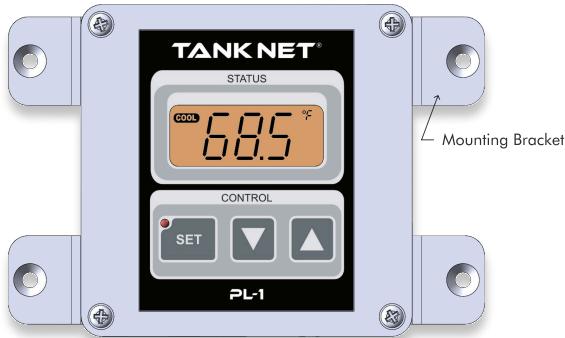
Wi-Fi 6 or Mesh Networking

Robust and cost effective wireless integration with TankNET® software.

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*Use only IP-67 rated conduit fittings
REQUIRED FOR IP-67 PROTECTION

Model Selection Guide

6000-W-024

24VAC 50/60Hz

For low-voltage control panels

6000-W-120

120VAC 50/60Hz

For standard North-American line voltage

Available through acrolon.com or authorized resellers

Specifications

Model

PL-1

Operating Temp.

-10°C to 45°C

Safety Rating

ETL Listed

Input Voltage

120VAC 50/60Hz at 0.10A
24VAC 50/60Hz at 0.30A

Enclosure

Polycarbonate, UL50, NEMA-4X Rated

Dimensions (with brackets)

144mm x 100mm x 75mm
5.7" x 3.9" x 2.9"

Relay Output

- Cool Relay:** Form-C, Fused @ 2A at 120VAC
- Heat Relay:** Form-C, Fused @ 2A at 120VAC

Probes

- Input 1:** Two-wire temperature probe
- Input 2:** Temperature Probe / 4-20mA Sensor

*Specifications subject to change without notice

DESIGNED TO SCALE WITH
TANKNET ECOSYSTEM