

# Mobile-First Thermostat

Streamlined, Affordable Temperature Control

**BT-1**



## Overview

The BT-1 brings industrial-grade temperature control to every tank in an ultra-affordable, display-free form. Designed for users who want to monitor and manage their tanks from anywhere, it offers full heating, cooling, pulse-cooling, and Auto-mode functionality.

Built-in Bluetooth provides direct, local access from a smartphone or a smartwatch, ideal for installations without TankNET® software or when the network is unavailable. With dual-mode Wi-Fi 6 and Mesh connectivity, the BT-1 integrates effortlessly into any TankNET® system, making reliable, remote management simple, scalable, and accessible to every cellar.

## Applications

- ✓ Cost-Effective Tank Temperature Control
- ✓ For Wine, Beer, Sake, and Kombucha
- ✓ Remote Access From Anywhere
- ✓ Starting Small, Building for Growth

## Why Choose it

**Lower cost** - same accuracy, no display

**Mobile-first** - full control from phone or watch

**Wi-Fi 6 / Bluetooth** - quick setup, no wiring required

## 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 leg 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.

### Mobile-First Design

Optimized for use with the TankNET® mobile app or smartwatch.

### Wi-Fi 6 or Mesh Networking

Robust and cost effective wireless integration with TankNET® Apps & Software.

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## Model Selection Guide

### 1000-W-024

24VAC 50/60Hz

For low-voltage control panels

### 1000-W-120

120VAC 50/60Hz

For standard North-American line voltage

Available through [acrolon.com](http://acrolon.com) or authorized resellers

## Specifications

### Model

BT-1

### Operating Temp.

-10 to 45 °C

### Safety Rating

ETL Listed Pending

### Input Voltage

120VAC 50/60Hz at 0.1A  
24VAC 50/60Hz at 0.3A

### Enclosure

Polycarbonate, UL50, NEMA-4X Rated

### Dimensions (with brackets)

115mm x 90mm x 57mm  
4.5" x 3.5" x 2.2"

### Relay Output

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

### Probes

- Input 1:** Temperature Probe (3-Wire)
- Input 2:** Temperature Probe / 4-20mA Sensor

\*Specifications subject to change without notice

TANK NET®

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