

# Mobile-First Thermostat

Streamlined, Affordable Temperature Control

# BT-1



## Applications

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

## 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.

## 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.

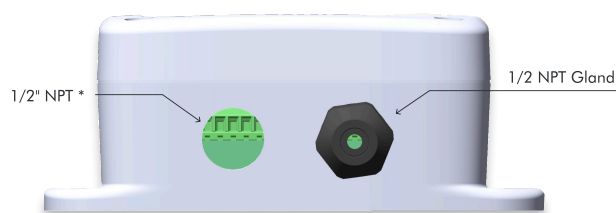
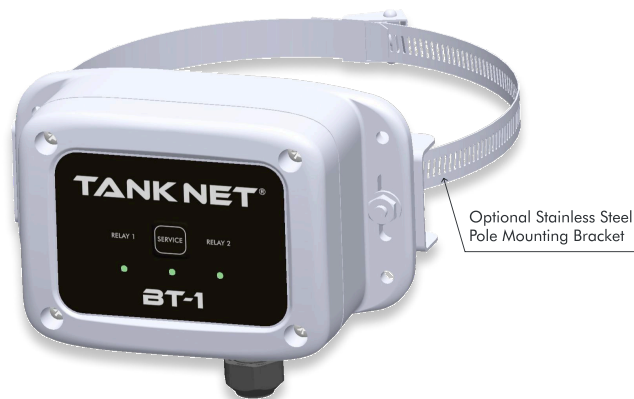
### Wi-Fi 6 or Mesh Networking

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

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

## 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](https://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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