



# TTC 001 Time-Temperature Controller

Originally offered as OEM equipment on Blodgett pizza ovens, Athena's TTC 001 is an easy-to-operate, microprocessor-based, time-temperature controller that is designed to replace #30658, #Y9005, #6685, and #22781 controllers on Blodgett pizza ovens. The controller is easy to install (simply remove the old controller, re-attach wiring, and screw in the new timer using the existing screw holes), **offers considerable cost savings over other available pizza oven aftermarket controllers**, and features a user-friendly interface with a choice of two overlays that keep the unit clean and provide labeling for the control buttons.

## Features and Benefits

- ▲ Single thermistor input
- ▲ Dual relay outputs
- ▲ Easy-to-read, 4 digit LED display, switchable for time, temperature or mode indication
- ▲ Three discreet indicators
- ▲ Audible alarm
- ▲ Single rotating control knob with five snap action push buttons
- ▲ Conformally-coated circuit board for protection from potentially harmful environments
- ▲ Programmable interval timers
- ▲ °F/°C selectable ranges
- ▲ 115/230 V selectable power

## Ordering Information

Part Number	Description
TTC 001	Controller
A18588	Thermistor Probe 37"
124A004U01	Knob
127C212U01	Overlay 3 button
127C213U01	Overlay 5 button



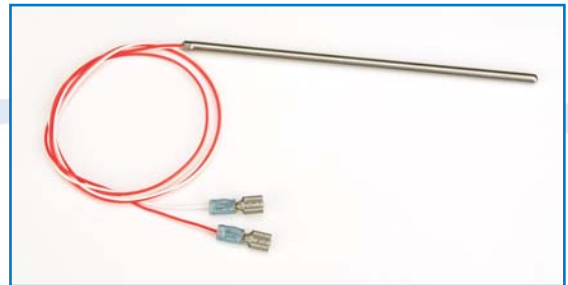
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# Technical Specifications

Controller Power Input .....	Linear transformer based Two 120 primary windings allowing 120 Vac or 240 Vac Line (+10%/-15% 50/60 Hz) input 6 watts
Number of Sensors .....	One
Heater Output .....	7 amps, 240 Vac 1/3 hp Form A contacts
Fan Output .....	240 Vac 1/3 hp Form A contacts
Keyboard .....	5 button audible/tactile feedback PCB mounted push buttons behind overlay
Display .....	4 digit LED/3 LED indicators
Dial/Knob/Encoder .....	Standard feature (sets temperature and times)
Temperature Controller Type .....	On/Off
Audible Beeper.....	Internal (70db at 1 meter)
Operating Temperature Rating .....	0 to 85°C (32 to 185°F) Storage: -20°C to +85°C Humidity: 0 to 90% relative humidity, non-condensing
Agency Approvals .....	UL
Mechanical Mounting .....	5.75" high x 3.40" wide x 2.25" deep – internal mount
Special/Features .....	Temperature/time controller, Pulse control mode, Uninterrupted line under voltage operation



Temperature Sensor .....	37.5" total length, 3/16" x 6" 316 SS probe, 31.5" leads with female disconnects, 100K NTC Thermistor
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