



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



Athena Controls, Inc.
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Technical Specifications

Controller Power InputLinear transformer based
Two 120 primary windings
allowing 120 Vac or 240
Vac Line (+10%/-15%
50/60 Hz) input 6 watts

Number of SensorsOne

Heater Output7 amps, 240 Vac 1/3 hp
Form A contacts

Fan Output240 Vac 1/3 hp
Form A contacts

Keyboard5 button audible/tactile
feedback PCB mounted push
buttons behind overlay

Display4 digit LED/3 LED indicators

Dial/Knob/EncoderStandard feature
(sets temperature and times)

Temperature
Controller TypeOn/Off

Audible Beeper.....Internal (70db at 1 meter)

Operating
Temperature Rating0 to 85°C (32 to 185°F)
Storage: -20°C to +85°C
Humidity: 0 to 90% relative
humidity, non-condensing

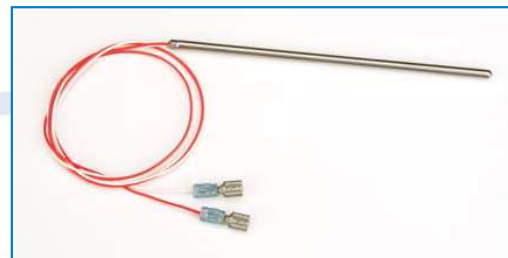
Agency ApprovalsUL

Mechanical Mounting5.75" high x 3.40" wide x
2.25" deep – internal mount

Special/FeaturesTemperature/time controller,
Pulse control mode,
Uninterrupted line under
voltage operation



Temperature Sensor37.5" total length,
3/16" x 6" 316 SS probe,
31.5" leads with
female disconnects,
100K NTC Thermistor



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