

Description

The CTE-1004 electronic thermostats are designed to be used with specific CEP/CSP-4000 series controller-actuators for controlling damper actuators and/or valves in HVAC systems. The ability to adjust minimum and maximum limits is at the thermostat, rather than at the controller. An auxiliary flow, constant volume setpoint may be initiated manually or automatically for desired air flow across a reheat coil. It is a dual setpoint unit for cooling with reheat applications. Several mounting methods are available.

An additional output is provided for control of the optional REE series relay modules. This output is not restricted by the CTE's minimum and maximum control points.

Cover construction allows for the setpoint indicator and thermometer to be either visible or concealed. Optional accessories include an insert for concealing the window, and stops to lock/restrict the setpoint adjustment(s).

Features

- ◆ Adjustable min/max temperature limits
- ◆ Manual or automatic auxiliary flow constant volume setpoint
- ◆ Additional output available for control of KMC REE series relay modules
- ◆ Visible or hidden setpoint indicator
- ◆ Custom scale plates are available upon request.

Models

The following models are available:

CTE-1004-10	°F, horizontal
CTE-1004-11	°C, horizontal
CTE-1004-103	°F, vertical
CTE-1004-113	°C, vertical



Accessories

The following accessories are available:

HFO-0026	Blanking insert
HFO-0027	Setpoint stops
HMO-5001	Toggle bolt assembly
HMO-5002	Insulating backplate 1-1/8" deep
HMO-5007	Insulating backplate 1-11/16" deep
HSO-5001	Calibration test leads

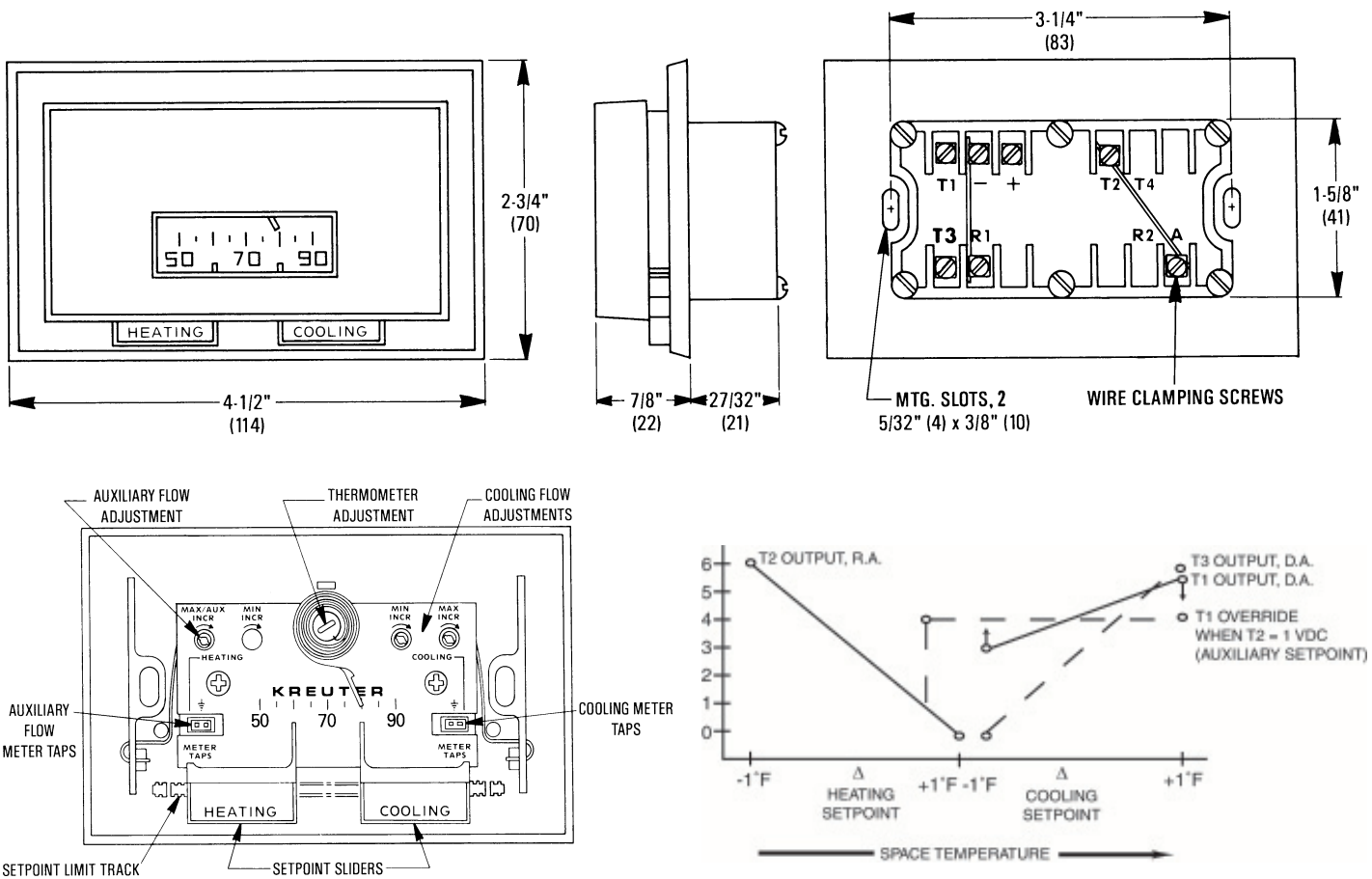
Application

KMC CTE-1004 Room Thermostats are intended for use with the following KMC controller/actuators:

CEE-4000 Series
CEP-4000 Series
CSE-4000 Series
CSP-4000 Series

Details

All dimensions are in inches (mm)



Specifications

Supply Voltage	9.1 VDC, $\pm 5\%$
Output Range	0 to 6 VDC
Range	55° to 85° F (13° to 29° C)
Proportional Band	2° F (1.1° C)
Thermostat Action	
Cooling	Direct Acting
Heating	Reverse Acting
Cover Type	Furnished w/window
Material	Light Almond ABS UL Flame Class 94HB
Weight	3.5 oz. (99 grams)
Temperature Limits	
Operating	40° to 120° F (4° to 49° C)
Shipping	-40° to 140° F (-40° to 60° C)

KMC Controls, Inc.
 19476 Industrial Drive
 New Paris, IN 46553
 574.831.5250
www.kmccontrols.com