

## CTE-5001/5011 Series

### Room Thermostats, Single Setpoint, DA Cooling or RA Heating

#### Description and Application

These thermostats are designed to be used with CEE/CEP/CSE/CSP-4000 series controller-actuators for controlling dampers or valves in HVAC systems.

The CTE-5001/5011 single setpoint thermostats provide DA cooling or RA heating selectable by jumper placement and wiring terminations or automatically by an REE-1014 relay module. Several mounting methods are available, including direct mounting to a hollow wall or to an electrical box using an adapter backplate.

These economical thermostats provide precise control, while offering a unique ability to adjust the minimum and maximum control points at the thermostat rather than at the controller-actuator.

The minimum and maximum flow limits can be adjusted from the thermostat (via potentiometers behind the cover). The setpoint adjustment and indication are on the top of the cover and can be hidden by installing the optional setpoint cover.

These thermostats are intended for use with the following controller/electric actuators:

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

#### Features

- ◆ Single setpoint
- ◆ Selectable as DA Cooling or RA Heating (with changeover using an REE-1014 relay module)
- ◆ Operates from 9.1 VDC supplied voltage
- ◆ 0 to 6.5 VDC output
- ◆ Precise control from the thermostat via the setpoint dial as well as minimum and maximum pots on the circuit board (accessed by removing the front cover)
- ◆ Option to override to full open or full close
- ◆ CFM and Heating/Cooling Output voltage test points accessed by removing the front cover



Still ... Made in the U.S.A.

#### Models

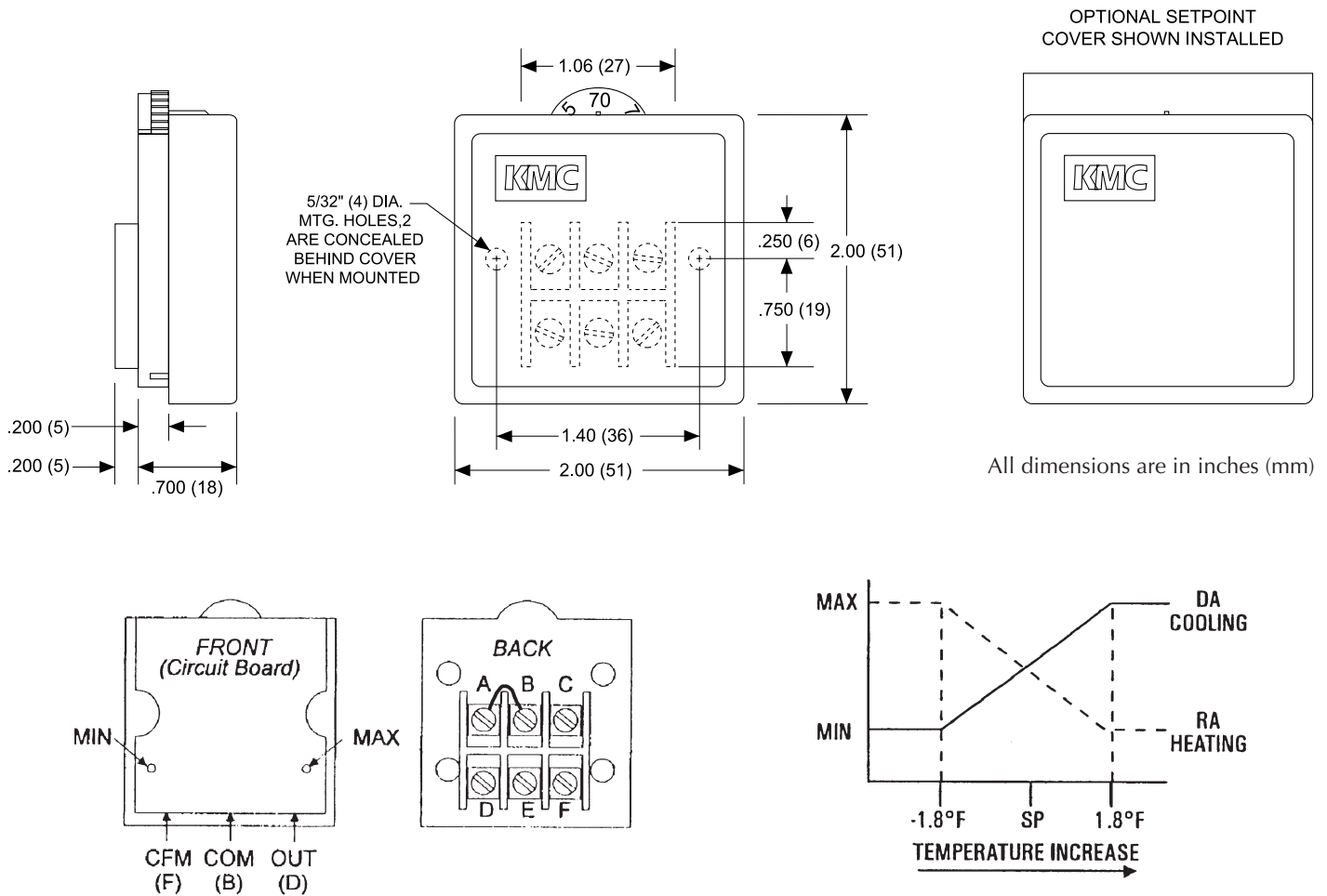
CTE-5001-10	Ash white, °F
CTE-5001-11	Ash white, °C
CTE-5011-10	Light almond, °F
CTE-5011-11	Light almond, °C

#### Accessories

HMO-5001	Dual toggle bolt for backplate mounting to drywall
HMO-5014	Insulating stand-off, light almond
HMO-5016	Insulating stand-off, white
HMO-5036	Adapter backplate to vertical handy box, light almond
HMO-5037	Adapter, vertical, white
HMO-5038	Adapter backplate to horizontal handy box, white
HMO-5039	Adapter, horizontal, light almond
HPO-0031	Setpoint cover, white
HPO-0032	Setpoint cover, light almond
REE-1014	Relay module, heat/cool changeover for CTE-5000 series
XEE-4002	Power supply, 24 VAC to 9.1 VDC

For more accessories, see the Thermostats section of the Electronic and Pneumatic Condensed Catalog.

## Dimensions and Connectors



## Specifications

<b>Supply Voltage</b>	9.1 VDC $\pm 5\%$	<b>Material</b>	Ash white or light almond flame-retardant plastic
<b>Output Range</b>	0 to 6.5 VDC	<b>Size</b>	2" (51 mm) square
<b>Temperature Range</b>	54 to 90° F (12 to 32° C)	<b>Weight</b>	1.25 oz. (35 grams)
<b>Proportional Band</b>	3.6° F (2° C)	<b>Temperature Limits</b>	
<b>Thermostat Action</b>	Direct (DA) or Reverse (RA) Acting	Operating	40 to 120° F (4 to 49° C)
<b>Cover Type</b>	Blank with setpoint indicator	Shipping	-40 to 140° F (-40 to 60° C)

**KMC Controls, Inc.**

19476 Industrial Drive, New Paris, IN 46553

574.831.5250

[www.kmcccontrols.com](http://www.kmcccontrols.com); [info@kmcccontrols.com](mailto:info@kmcccontrols.com)