

Description and Application

The KMC CTE-1103 electronic thermostat is designed for use with specific CEE/CEP/CSE/CSP-4000 series controller-actuators to control damper actuators and/or valves in HVAC systems. The ability to adjust minimum and maximum limits is at the thermostat rather than the controller. This is a dual setpoint thermostat for heating/cooling applications. Several mounting methods are available.

Additional outputs are provided for control of optional KMC REE-4000 series relay modules. The 0–6 VDC output (T3/T4) are not restricted by the 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 adjustments.

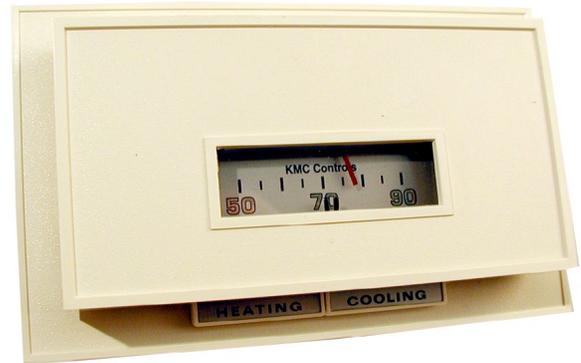
A temperature output (A) allows temperature averaging with remote temperature transmitters, such as the TTE-1001.

CTE-1103 thermostats are intended for use with the following KMC controller/actuators:

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

An optional XEE-4002 9.1 VDC power supply module can power the thermostat. Then the thermostat can be used (without the controller-actuator) to control a damper or valve operated by an MEP series actuator or to control other devices via optional REE-4000 series relays.

NOTE: For many applications, the CTE-1103 can be replaced by a CTE-5202 electronic thermostat with an LCD display. For details, see the [CTE-5202 Data Sheet](#) and the [CTE-5202 Applications Guide](#).



Features

- ◆ Dual setpoint for heating/cooling applications
- ◆ Adjustable min/max temperature limits
- ◆ Additional output available for control of KMC REE series relay modules
- ◆ Visible or hidden setpoint indicator
- ◆ Heating and cooling flow adjustments

Models

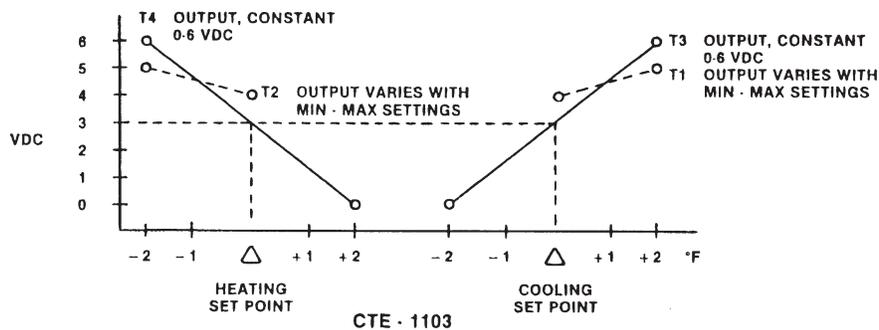
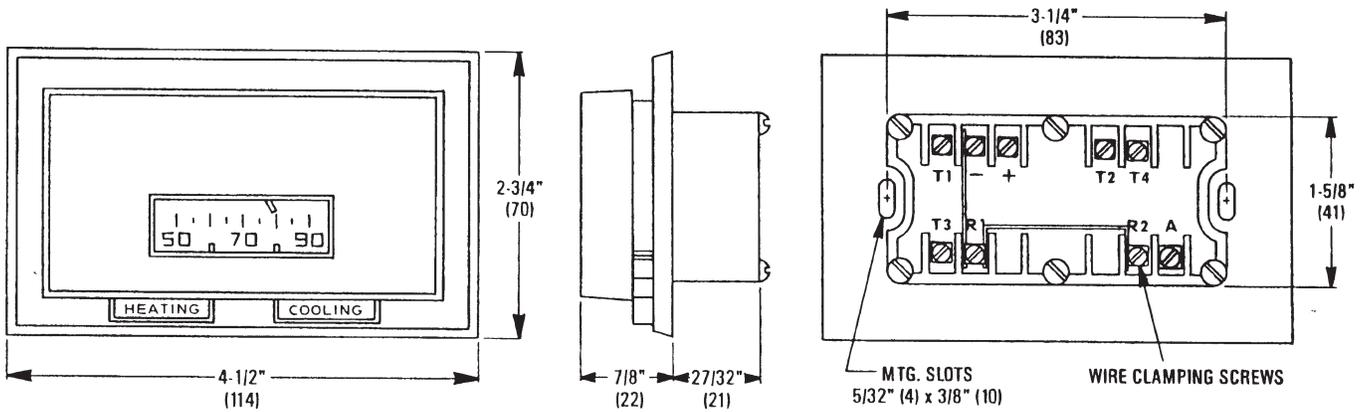
- | | |
|-------------|----------------|
| CTE-1103-10 | °F, horizontal |
| CTE-1103-11 | °C, horizontal |

Accessories

- | | |
|----------|-------------------------------------|
| 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 |
| REE-4xxx | Relay modules |
| TTE-1001 | Remote room temperature transmitter |
| XEE-4002 | 9.1 VDC power supply module |

Details

All dimensions are in inches (mm).



Specifications

Supply Voltage	9.1 VDC \pm 5%	Cover Type	Furnished w/ window
Output Range	0 to 6 VDC	Material	Light almond flame-retardant plastic
Range	55 to 85° F (13 to 29° C)	Weight	3.5 oz. (99 grams)
Proportional Band		Approvals	SASO PCP Registration KSA R-103263
T1/T2	2° F (1.1° C)	Temperature Limits	
T3/T4	4° F (2.2° C)	Operating	40 to 120° F (4 to 49°C)
Thermostat Action		Shipping	-40 to 140° F (-40 to 60°C)
Cooling	Direct Acting		
Heating	Reverse Acting		

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