

CTE-1000, CTE-1100 Series

ROOM THERMOSTATS

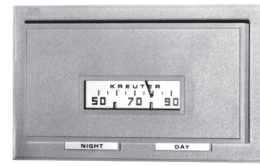
For Use With 4000 Series

Controller-Actuators

DYNACON INC

www.dynacononline.com

Used to sense room temperature, compare it to setpoint, and output a DC voltage signal to a 4000 series controller-actuator to reset airflow in VAV terminal units or fan powered induction boxes.



- For use with CEP-4000, CEE-4000, CSE-4000 or CSP-4000 series controller-actuators.
- Minimum and maximum airflow limits set at thermostat.
- Additional unrestricted output for controlling REE relays.
- Models with additional output for fan powered induction boxes.
- Available with single or dual setpoints for heating or cooling only, heating/cooling, cooling with reheat, or day/night .

SETPOINT: 55°F to 85°F (13°C to 29°C).

PROPORTIONAL BAND: 2°F (1.1°C).

SUPPLY VOLTAGE: 9.1 vdc, +/-5%.

OUTPUT VOLTAGE: 0 to 6 vdc.

OPERATING AMBIENT: 40°F to 120°F (4°C to 49°C).

MATERIAL: Light almond, ABS plastic, UL Flame Class 94HB.

COVER TYPE: Furnished with full window cover.

MOUNTING: Direct to wall with HMO-5002 backplate; recessed into hollow wall; or in 2" x 4" electrical box.

ELECTRICAL CONNECTIONS: Wire clamping screws.

DIMENSIONS:

Exposed to Room: 4.5" x 2.75" x 0.88"D (114 x 70 x 22mm).

Recess: 3.75" x 1.75" x 0.53"D (95 x 44.5 x 14mm).

ACCESSORIES:

HFO-0026 insert to blank window in cover.

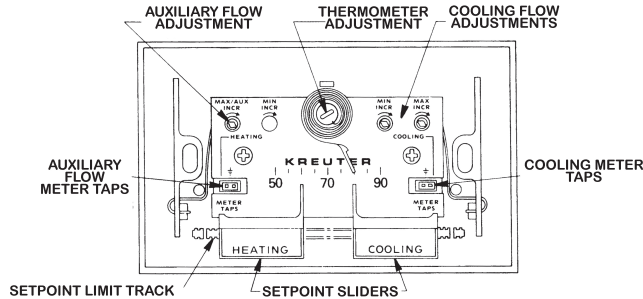
HFO-0027 setpoint stops (set of 4).

HMO-5001 toggle bolt for hollow wall mounting.

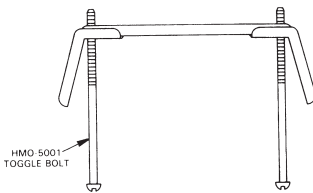
HMO-5002 insulating backplate for surface mounting.

H50-5001 2-prong test leads for calibration with voltmeter.

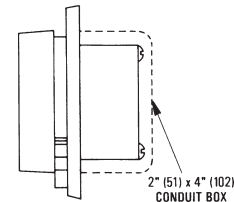
XEE-4002 power supply for use without controller-actuator.



**TYPICAL THERMOSTAT
(CTE-1004 SHOWN)**



**TOGGLE BOLT FOR HOLLOW
WALL MOUNTING**



**MOUNTING IN
ELECTRICAL BOX**

Model	◆ Add Suffix for --				Set- points	Action, Setpoint Lever Marking, & Thermostat Output Terminal		Comments	
	Horizontal		Vertical			Lower Setpoint	Upper Setpoint		
	°F	°C	°F	°C					
CTE-1001-◆	-10	-11	-103	----	single	D.A. Cooling (T1)	-----	include additional outputs (not restricted by minimum & maximum limits) for control of optional REE series relays	
CTE-1002-◆	-10	-11	-103	----	single	R.A. Heating (T2)	-----		
CTE-1003-◆	-10	-11	-103	-113	dual	R.A. Heating (T2)	D.A. Cooling (T1)		
CTE-1004-◆	-10	-11	-103	-113	dual	R.A. Reheat (T2)	D.A. Cooling (T1)		
CTE-1005-◆	-10	-11	----	----	dual	D.A. Night (T2)	D.A. Day (T1)		
CTE-1008-◆	-10	-11	----	----	dual	D.A. Day (T2)	D.A. Night (T1)		
CTE-1009-◆	-10	-11	----	----	dual	R.A. Reheat (T2)	D.A. Cooling (T1)		
CTE-1010-◆	-10	-11	-103	----	dual	D.A. Cooling (T1)	D.A. Heating (T2)		
CTE-1101-◆	-10	-11	-103	----	single	D.A. [blank] (T1)	-----		include additional output terminals to control fan powered induction boxes
CTE-1103-◆	-10	-11	-103	----	dual	R.A. Heating (T2)	D.A. Cooling (T1)		
CTE-1105-◆	-10	-11	----	----	dual	D.A. Night (T2)	D.A. Day (T1)		
CTE-1108-◆	-10	-11	----	----	dual	D.A. Day (T2)	D.A. Night (T1)		
CTE-1110-◆	-10	----	----	----	dual	D.A. Heating (T2)	D.A. Cooling (T1)		

For thermostat selection for typical system configurations, see page 11-1