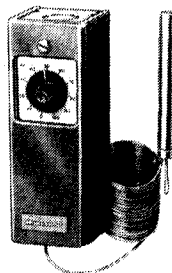


# Honeywell

## T4031A,B; T6031A,B REFRIGERATION TEMPERATURE CONTROLLERS



T4031

THE T4031A,B AND T6031A,B ARE TEMPERATURE CONTROLLERS USED IN A VARIETY OF COOLING APPLICATIONS WHERE REMOTE MOUNTING OF THE SENSING ELEMENT IN THE CONTROLLED MEDIUM IS REQUIRED.

- T4031A       T4031B       T6031A  
 T6031A

- Wide control temperature range is suitable for controlling ducts, tanks, freezers, coolers, display cases, and defrost termination.
- Universal mounting bracket is available for easy replacement of other controllers.
- Models available with various control ranges.
- Control set point adjustable by dial knob.
- Models available with fixed or adjustable temperature differentials.
- Capillary lengths of 5, 8, or 20 ft [1.5, 2.4, 6.1 m], depending on model.
- Reliable snap-acting spst or spdt switch.
- Ambient temperature compensated.
- Insert supplied with TRADELINE models replaces set point knob to discourage tampering.

## SPECIFICATIONS

### TRADELINE MODELS

TRADELINE models are selected and packaged to provide ease of stocking, ease of handling, and maximum replacement value. TRADELINE model specifications are the same as those of standard models except as noted below.

TRADELINE MODEL AVAILABLE: T6031A Refrigeration Temperature Controller—spdt switch, adjustable temperature differential, tamper-resistant insert.

CAPILLARY LENGTH: 8ft [2.4 m].  
ADDITIONAL FEATURES: TRADELINE pack with cross reference label and special instruction sheet.

### STANDARD MODELS

T4031A Refrigeration Temperature Controller—spst switch makes on temperature rise; fixed differential.

T4031B Refrigeration Temperature Controller—same as T4031A but less case.

T6031A Refrigeration Temperature Controller—spdt switch, fixed or adjustable temperature differential.

T6031B Refrigeration Temperature Controller—same as T6031A but less case.

SWITCH ACTION: T4031A,B spst switch makes R to W on temperature rise. T6031A,B spdt switch makes R to W on temperature rise, R to B on temperature fall.

### CAPILLARY LENGTHS AND TEMPERATURE RANGES:

Model	Copper Capillary Tube Length		Setting Range <sup>a</sup>		Differential
	ft	m	F	C	
T4031A,B	5	1.5	-30 to 50	-34 to 10	Fixed 3.5° F [1.6 C]
	20	6.1			
T6031A,B	5	1.5	-15 to 90	-9 to 32	Fixed 3.5° F [1.6 C] or 3.5° to 12° F [1.6 to 7 C] Adjustable
	20	6.1			
	5	1.5	-30 to 50	-34 to 10	
	20	6.1			
8	2.4	-30 to 90	-34 to 32		

<sup>a</sup> Dial scale markings in degrees Fahrenheit.

### ELECTRICAL RATINGS:

	120 Vac		240 Vac	
	Normally Closed	Normally Open <sup>a</sup>	Normally Closed	Normally Open <sup>a</sup>
Full Load Amp	8	16	5.1	8
Locked Rotor Amp	48	80	30.6	40

<sup>a</sup>Makes on temperature rise.

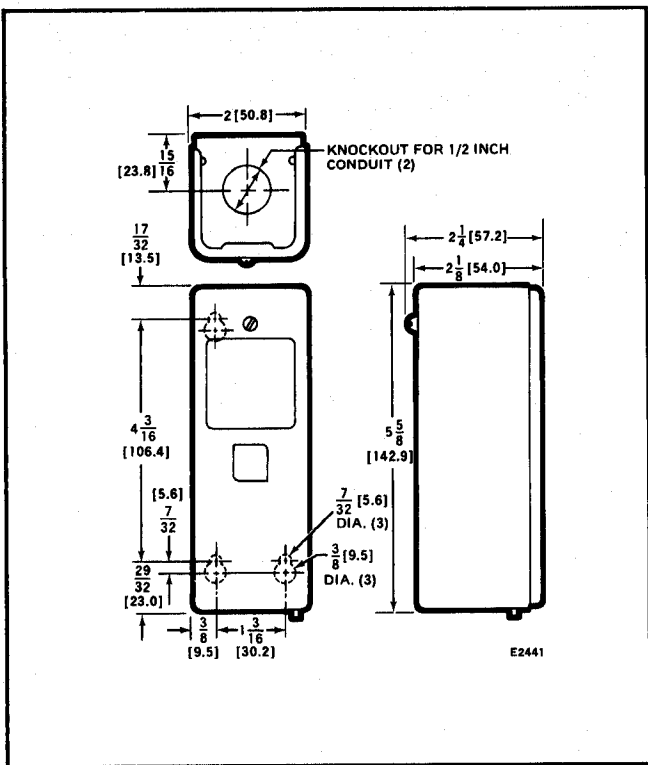


Fig. 1—DIMENSIONS OF T4031, T6031 IN in. [mm IN BRACKETS].

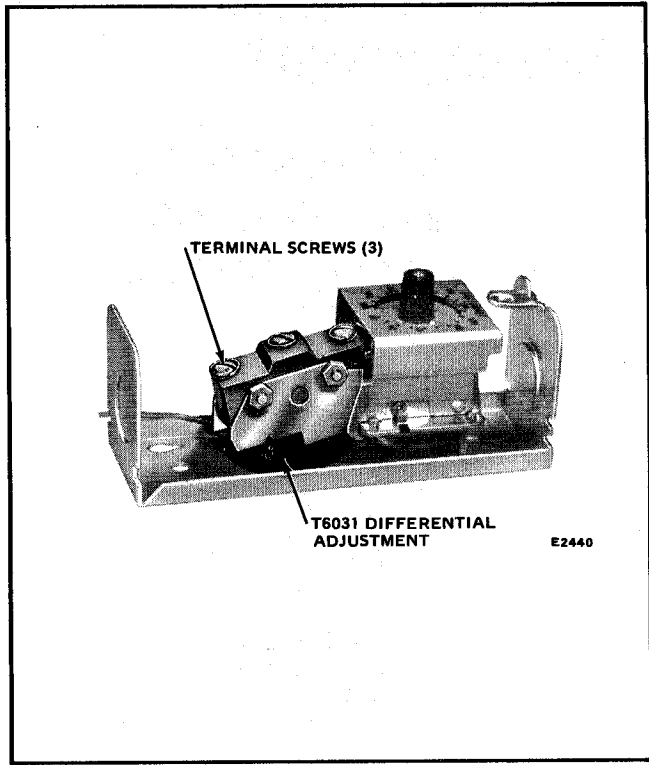


Fig. 2—INTERNAL VIEW SHOWING DIFFERENTIAL ADJUSTMENT WHEEL (APPLICABLE MODELS).