

Barber-Colman Remote Bulb Controls

Barber-Colman remote bulb temperature controls come in a variety of styles and control signals to control a sensed media in ducts, pipes, boilers, tanks, outdoor or any applications where you want the control outside the existing condition. These controls come in a variety of sensing bulbs and lengths. Models with one switch, multiple switches and proportioning modes of control are available.



ORDERING INFORMATION					
ORDER #	RANGE	SWITCH	DIFFERENTIAL	ELEMENT	
TC-4111	-40 to 120°F	SPDT	3–16°F	6' cap.	
TC-4111-020				20' cap.	
TC-4121				10' armored	
TC-4211		2-SPDT	2–10°F	6' cap.	
TC-221	0 to 160°F	SPDT	1–15°F	10' armored	
TC-202	10 to 90°F			2-SPDT	0–20°F
TC-252		3-SPDT			
TC-282			4-SPDT Cool Only		
TC-288		SPDT Prop. Feedback		4–12°F	52" averaging
TP-202					
TP-402					
TC-5131	34 to 60°F	SPDT Auto Reset	5°F	20' cap.	
TC-5141					
TC-4166	50 to 90°F	SPDT	2°F	Coiled	
TC-2974	50 to 210°F		10°F	Strap-on	
TP-209	50 to 130°F	SPDT Prop. Feedback	4–12°F	6' cap.	
TA-3432	75 to 135°F	SPDT Manual Reset	10°F	7 1/2' Helical Bimetal	
TP-204	100 to 180°F	SPDT Prop. Feedback	4–12°F	6' cap.	
TC-4112	100 to 260°F	SPDT	3–16°F		
TC-4122				10' armored	

Outdoor Reset Temperature Controls

This control provides a simple method of changing the controlled setpoint in relation to the outdoor temperature. One bulb senses the controlled media, the second bulb senses the outdoor air temperature. The temperature of the controlled media increases as the outdoor air temperature decreases, thus providing only the minimum heat necessary for the ambient conditions. this results in decreased heat loss and results in considerable energy savings.



ORDERING INFORMATION					
ORDER #	DIFFERENTIAL	SWITCH	RANGE	ELEMENT	FEATURES
TC-4151	2–10°F	SPDT	70–120°F	30' cap.	1:1.5 Ratio
TC-4152	3–16°F				1:1 Ratio
TC-4251	2–7°F	2-SPDT			1:1.5 Ratio
TC-4252	2–10°F				1:1 Ratio
TP-231	5–25°F	SPDT Prop. Feedback	70–130°F	15' in / 30' out	1:1.5 Ratio
TP-232	4–12°F		60–120°F		1:1 Ratio