



Quick Selection Guide

A Complete Selection For A Wide Range Of Applications

ELECTRONIC STANDALONE CONTROLLERS

T775

Provide on/off, modulating, or reset control in applications where electronic accuracy in addition to remote sensing is desired.

Standard Models

- Available with one, two or four SPDT relay output stages and/or modulating outputs (0-10 Vdc, 2-10 Vdc, 4-20 mA and electronic Series 90 selectable). All models have built-in time-clock scheduler for setback.
- Typical applications include
 - On/off control of fans, motors and heaters
 - Proportional or floating control of damper and valve actuators
 - Outdoor reset of heating and cooling systems



T775 Electronic Standalone Controllers							
Models for Standard Applications							
Product Number	Description	Replaces	Relay Outputs	Analog Outputs Selectable: 4-20 mA, 0-10 Vdc, 2-10 Vdc and Series 90	Floating Output ¹	Sensor Inputs Available	# Sensors Included ²
T775A2009	Standard	T775A1001	1 SPDT			1	1
T775B2016	Standard-NEMA 4X		2 SPDT		1	2	1
T775B2032	Standard	T775A1019, T775B1000	2 SPDT		1	2	1
T775B2024	Standard-NEMA 4X	T775C1009, T775D1008	4 SPDT		2	2	1
T775B2040	Standard	T775A1027, T775A1035, T775B1018, T775B1026	4 SPDT		2	2	1
T775M2006	Modulating		None	2		2	1
T775M2022	Modulating-NEMA 4X		2 SPDT	2		2	1
T775M2048	Modulating	T775E1015, T775E1023, T775E1056, T775E1064, T775E1098	2 SPDT	2		2	1
T775M2014	Modulating-NEMA 4X	T775G1005, T775G1013, T775G1021, T775G1039	4 SPDT	2		2	1
T775M2030	Modulating	T775E1114, T775F1022, T775F1055, T775F1089	4 SPDT	2		2	1
T775R2035	With Reset option	T775J1001, T775J1076	2 SPDT		1	2	2
T775R2043	With Reset option	T775J1019, T775J1027, T775J1035	None	2		2	2
T775R2027	With Reset option	T775J1043, T775J1050, T775J1068	2 SPDT	2		2	2
T775R2001	With Reset option		4 SPDT		2	2	2
T775R2019	With Reset option		4 SPDT	2		2	2

¹ One floating output eliminates two relay outputs.

² Sensors are 1097 ohms PTC. The standard sensor (50021579-001) ships with all but NEMA 4x models. The water resistant sensor with 5 ft. leads ships with all NEMA 4x models. See the Specification Data for a complete list of compatible components.

T775 Special Models

T775U — Universal model controls pressure, humidity, temperature or any control medium that inputs 1097 ohms PTC, 0-10 Vdc or 4-20 mA. CO₂ sensors are compatible but reading displayed in percent, not ppm.

T775P — Special boiler model with features like WWSD, Alarm

and control of up to 12 stages from a single setpoint using optional 4-relay expansion modules T775S.

T775L — Special sequencing module allows configuration of up to 12 relay outputs with one or two setpoints in any number and combination desired. Do 3 heat/7 cool, 6 heat/2 cool, 4 heat/2 heat — whatever you desire.

T775 Electronic Standalone Controllers										
Models for Special Applications										
Product Number	Description	Replaces	Relay Outputs	Analog Outputs 4-20 mA, 0-10 Vdc, 2-10 Vdc and Series 90	Digital Output	Dedicated Pump Output	Sensor Inputs Available	# Sensors Included	Expandable ¹	Output Reset
T775P2003	Special Boiler with Reset		4 SPDT		1	•	3	3	•	•
T775L2007	Stage Sequencer with Reset Option		4 SPDT ²				2	1	•	•
T775U2006	Universal — Humidity, Pressure, etc.	H775A1006, H775A1022, H775A1048, H775A1063, H775B1005, H775C1004, H775D1003, H775E1002	2 SPDT	2			2 ³			•
T775S2008	Relay Expansion Module		4 SPDT	Use with T775P or T775L						

¹ 4 or 8 more relays possible by adding one or two T775S2008 4-Relay Expansion Module(s).

² Up to 2 independent non-sequenced relays are also available.

³ First input configurable for temperature, 0-10 Vdc, or 4-20 mA; second input temperature only for reset.

REFRIGERATION CONTROLLERS

T4031, T6031

For limit or temperature control in refrigerated areas where remote mounting of sensing element is required.

- Liquid-filled copper elements provide rapid sensing to control the compressor system.
- Control temperature in a duct, tank, freezer or cooler.
- Controller element can be directly immersed in the controlled medium.
- Adjustable control setpoint.
- Ambient temperature compensation provides good temperature control.



T4031, T6031



L480, L482

FREEZE STATS

L480, L482

Used to limit or control temperature in air conditioning systems or refrigerated enclosures.

- Applications include freezer cabinets, display cases, beverage coolers, milk cooling tanks and cooling coils.
- Can act as a frost alarm operator in storehouses or orchards where frost would damage crops or equipment.

Refrigeration Controllers/Freeze Stats							
Part Number	Setpoint Range	Output	Capillary Length		Differential		Comments
			Feet	Meters	°F	°C	
L480B1239	20° F to 60° F	1 SPDT	20 ft	6.1 m	10° F	5.6° C	
L480G1044	20° F to 60° F	1 SPST	20 ft	6.1 m	15° F	8° C	Manual reset
L482A1004	15° F to 55° F	2 SPST, one N.O., one N.C.	20 ft	6.1 m	5° F	2.8° C	Manual reset
T678G1001	15° F to 75° F	2 SPDT	5.5 ft	1.7 m	3° F	1.7° C	2F fixed between stages
T4031A1016	-30° F to +50° F	1 SPST	5 ft	1.52 m	1.0° F	0.6° C	
T4031A1073	-30° F to +50° F	1 SPST	8 ft	2.44 m	3.5° F	1.9° C	Makes on temp fall
T6031A1011	15° F to 90° F	1 SPDT	5 ft	1.5 m	3.5° F to 16° F	1.9° C to 8.9° C	Makes on temp fall
T6031A1029	-30° F to +90° F	1 SPDT	8 ft	2.4 m	3.5° F to 16° F	1.9° C to 8.9° C	SuperTradeline
T6031A1052	-30° F to +90° F	1 SPDT	5 ft	1.5 m	3.5° F to 16° F	1.9° C to 8.9° C	
T6031A1060	-30° F to +90° F	1 SPDT	20 ft	6.1 m	3.5° F to 16° F	1.9° C to 8.9° C	
T6031A1086	-35° C to +30° C	1 SPDT	8 ft	2.4 m	3.5° F to 16° F	1.9° C to 8.9° C	Celsius model
T6031A1136	-30° F to +90° F	1 SPDT	8 ft	2.4 m	3.5° F to 16° F	1.9° C to 8.9° C	
T6031A1250	-20° F to +100° F	1 SPDT	8 ft	2.4 m	3.5° F to 16° F	1.9° C to 8.9° C	
T6031A1276	15° F to 90° F	1 SPDT	5 ft	1.5 m	3.5° F to 16° F	1.9° C to 8.9° C	Back Mounting
T6031A1284	15° F to 90° F	1 SPDT	5 ft	1.5 m	10° F	5.6° C	Back Mounting
T6031K1001	15° F to 75° F	1 SPDT	5.5 ft	1.7 m	5° F	2.8° C	

Remote Temperature Controllers								
Part Number	Setpoint Temperature		Differential		Relay Outputs	Element Type	Capillary Length	
	°F	°C	°F	°C			Feet	Meters
T4031C1004	40° F to 180° F	4° C to 82° C	5° F	2.8° C	1 SPST, break on temperature rise	Copper bulb	8 ft	2.4 m
T4031C1012	40° F to 180° F	4° C to 82° C	5° F	2.8° C	1 SPST, break on temperature rise	Copper bulb	5.5 ft	1.7 m
T6031C1009	40° F to 180° F	4° C to 82° C	2° F	1.1° C	1 SPDT	Copper bulb	5.5 ft	1.7 m
T6031C1041	41° F to 176° F	5° C to 80° C	2° F	1.1° C	1 SPDT	Copper bulb	5.5 ft	1.7 m
T6031C1058	100° F to 240° F	38° C to 116° C	2° F	1.1° C	1 SPDT	Stainless steel bulb	5 ft	1.5 m
T6031D1007	40° to 180° F	4° C to 82° C	5° F	2.8° C	1 SPDT	Copper bulb	7.5 ft	2.3 m
T6031D1015	40° to 180° F	4° C to 82° C	5° F	2.8° C	1 SPDT	Copper bulb	5.5 ft	1.7 m
T6031D1031	0° F to 70° F	-18° C to +21° C	5° F	2.8° C	1 SPDT	Copper bulb	5.5 ft	1.7 m
T6031D1049	30° F to 270° F	-1° C to 132° C	7° F	3.9° C	1 SPDT	Copper bulb	5.5 ft	1.7 m
T6031G1000	0° F to 90° F	-18° C to +32° C	2° F	1.1° C	1 SPDT	Copper bulb	6.25 ft	1.6 m

CROP-TROL CONTROLLERS

T675F

Used to control an oil-burning, portable crop dryer.

- Suitable for line-voltage, low-voltage or millivolt (Powerpile) switching.
- Mounts directly on dryer with sensing bulb in discharge air duct.
- Knob extends through case for manual control point adjustment.
- Differential setting wheel, located under cover, adjusts difference between cut-in and cut-out temperatures.



GENERIC REMOTE BULB CONTROLLERS

T675, T678

Regulate temperature of air or liquids in ducts, pipes, tanks and boilers.

- Suitable for applications requiring temperature control of air or liquids where controller must be placed outside the sensing area.
- Typical uses include control of dampers and valves in heating, cooling and heating-cooling systems.
- Fast response models (available for use in return air duct) operate approximately four times faster than standard models.
- Controller can be mounted in any position.
- Ambient temperature compensation provides good temperature control.

Remote Temperature Controllers						
Part Number	Setpoint Temperature	Relay Outputs	Element Type	Capillary Length (Feet)	Differential (°F)	Comments
T675A1045	0° F to 100° F	1 SPDT	Stainless steel bulb	20 ft	3° F to 10° F	Stainless Steel Bulb
T675A1102	160° F to 260° F	1 SPDT	Copper bulb	20 ft	3° F to 10° F	
T675A1136	0° F to 100° F	1 SPDT	Copper bulb	20 ft	1° F fixed	
T675A1425	55° F to 175° F	1 SPDT	Copper bulb	20 ft	3.6° F to 12° F	
T675A1441	55° F to 175° F	1 SPDT	Stainless steel bulb	20 ft	3.6° F to 12° F	
T675A1458	55° F to 175° F	1 SPDT	Copper bulb	5 ft	1° F fixed	
T675A1508	0° F to 100° F	1 SPDT	Copper bulb	5 ft	3° F to 10° F	Includes 107324A Duct Bulb Holder
T675A1516	0° F to 100° F	1 SPDT	Copper bulb	5 ft	1° F fixed	Includes 107324A Duct Bulb Holder
T675A1524	55° F to 175° F	1 SPDT	Copper bulb	20 ft	1° F fixed	
T675A1532	160° F to 260° F	1 SPDT	Copper bulb	5 ft	3° F to 10° F	Includes 107324A Duct Bulb Holder
T675A1540	55° F to 175° F	1 SPDT	Copper bulb	5 ft	3.6° F to 12° F	Includes 107324A Duct Bulb Holder
T675A1565	0° F to 100° F	1 SPDT	Copper bulb	20 ft	3° F to 10° F	Includes 107324A Duct Bulb Holder
T675A1706	0° F to 100° F	1 SPDT	Fast response capillary	5 ft	3° F to 10° F	Fast response model, includes 107324A Duct Bulb Holder
T675A1722	55° F to 175° F	1 SPDT	Fast response capillary	5 ft	3.6° F to 12° F	Fast response model, includes 107324A Duct Bulb Holder
T675A1771	55° F to 175° F	1 SPDT	Fast response capillary	5 ft	1° F fixed	Fast response model, includes 107324A Duct Bulb Holder
T675A1854	10° F to 110° F	1 SPDT	Fast response capillary	5 ft	1° F fixed	Fast response model
T675A1920	-15° C to +35° C	1 SPDT	Copper bulb	20 ft	1.7° C to 5.6° C	Bi-lingual French, Celsius Model
T675A2068	-15° C to +35° C	1 SPDT	Copper bulb	1.5 m	1.7° C to 5.6° C	Celsius model
T675A2076	-15° C to +35° C	1 SPDT	Copper bulb	1.5 m	0.6° C fixed	Celsius model
T675A2084	-15° C to +35° C	1 SPDT	Copper bulb	6.1 m	1.7° C to 5.6° C	Celsius model
T675A2100	15° C to 75° C	1 SPDT	Copper bulb	1.5 m	2° C to 6.6° C	Celsius model
T675A2118	75° C to 125° C	1 SPDT	Copper bulb	1.5 m	1.7° C to 5.6° C	Celsius model
T675B1002	30° F to 50° F	1 SPDT	Copper bulb	10 ft	Manual Reset	
T675B1010	30° F to 50° F	1 SPDT	Copper bulb	20 ft	Manual Reset	
T675B1028	-20° F to +50° F	1 SPDT	Copper bulb	10 ft	Manual Reset	
T675F1032	80° F to 220° F	1 SPDT	Copper bulb	10 ft	5° F to 30° F	
T678A1015	0° F to 100° F	2 SPDT	Copper bulb	20 ft	Switch: 3° F fixed/Interstage: 3° F to 10° F adjustable	
T678A1080	160° F to 260° F	2 SPDT	Copper bulb	5 ft	Switch: 3° F fixed/Interstage: 3° F to 10° F adjustable	
T678A1155	-15° C to +35° C	2 SPDT	Copper bulb	5 ft	3° F	Bi-lingual French, Celsius Model
T678A1163	5° F to 95° F	2 SPDT	Copper bulb	6.1 m	Switch: 1.7° C fixed/Interstage: 1.7° C to 5.6° C adjustable	Celsius model
T678A1239	75° C to 125° C	2 SPDT	Copper bulb	1.5 m	1.7° C	Celsius model
T678A1353	55° F to 175° F	2 SPDT	Copper bulb	5 ft	3.6° F	
T678A1361	55° F to 175° F	2 SPDT	Copper bulb	20 ft	Switch: 3.6° F fixed/Interstage: 3.6° F to 12° F adjustable	
T678A1395	15° C to 75° C	2 SPDT	Copper bulb	1.5 m	2° C	Celsius model
T678A1403	15° C to 75° C	2 SPDT	Copper bulb	6.1 m	2° C	Celsius model
T678A1437	0° F to 100° F	2 SPDT	Copper bulb	5 ft	Switch: 3° F fixed/Interstage: 3° F to 10° F adjustable	
T678A1445	55° F to 175° F	2 SPDT	Copper bulb	5 ft	Switch: 3.6° F fixed/Interstage: 3.6° F to 12° F adjustable	
T678A1478	0° F to 100° F	2 SPDT	Fast response capillary	5 ft	Switch: 3° F fixed/Interstage: 3° F to 10° F adjustable	Fast response model
T678A1494	55° F to 175° F	2 SPDT	Fast response capillary	5 ft	Switch: 3.6° F fixed/Interstage: 3.6° F to 12° F adjustable	Fast response model
T678A1627	0° F to 100° F	2 SPDT	Averaging capillary	10 ft	Switch: 3.6° F fixed/Interstage: 3.6° F to 12° F adjustable	
T678A1684	-15° C to +35° C	2 SPDT	Copper bulb	1.5 m	1.7° C	Celsius model
T678A1692	15° C to 75° C	2 SPDT	Copper bulb	1.5 m	2° C	Celsius model
T678A1700	0° F to 100° F	2 SPDT	Copper bulb	5 ft	Switch: 3° F fixed/Interstage: 3° F to 10° F adjustable	Trol-A-Temp Special
T678C1005	55° F to 85° F	2 SPDT	Copper bulb	5.5 ft	5° F	Changeover Stat
T678F1002	55° F to 85° F	2 SPDT	Copper bulb	5.5 ft	2.0° F	
T678F1010	15° C to 30° C	2 SPDT	Copper bulb	3 m	1.2° C	Celsius model
T6950A1000	14° F to 54° F	1 SPDT	Averaging	5.9 ft	10° F/1.8° F fixed	

FARM CONTROLLERS

T631

Provide line voltage control of heating, cooling and ventilating systems in farm buildings or storage areas.

- Use in barns, poultry houses, hog barns, pump houses, milk houses and crop storage houses.
- Treated to resist corrosion.
- Slots in front and bottom of case provide maximum air circulation over the coiled sensing element.
- SPDT snap switches permanently sealed against corrosion.
- Easy mounting using screws through holes in back of case.



T631

NEMA-IV CONTROLLER

T631F, G

Provide line voltage control of heating, cooling and ventilating systems in farm buildings, storage areas and industrial environments; watertight, dust-proof enclosure.

- Use in barns, brooder houses, poultry houses, hog barns, pump houses, milk houses, crop storage houses and industrial environments.
- NEMA 4X enclosure protects thermostat and wiring connections from oil, water, dust, and corrosion.
- Clear plastic cover reveals setpoint, discourages tampering.
- Sensing element externally mounted for fast response and tin plated to resist corrosion.
- Reliable snap switches sealed against contamination.
- Insulated case has internal grounding screw for safety.
- Meet National Electrical Code Article 547-4 requirements.
- Easy mounting with screws through holes in flanges on case.



T631F, G

Farm Controllers				
Part Number	Setpoint Temperature	Relay Outputs	Differential	Comments
T631A1006	35° F to 100° F	1 SPDT	2.0° F	Red Finish
T631A1022	70° F to 140° F	1 SPDT	2.0° F	Red Finish
T631A1030	0° F to 70° F	1 SPDT	3.0° F	Red Finish
T631A1063	-10° F to +100° F	1 SPDT	3.0° F	Red Finish
T631A1113	35° F to 100° F	1 SPDT	3.5° F	Red Finish
T631A1154	0° C to 40° C	1 SPDT	1.1° C	Scale in Celsius
T631B1005	35° F to 100° F	2 SPDT (1 hp)	2.0° F	Red Finish
T631B1054	35° F to 100° F	2 SPDT (1 hp)	2.0° F	Red Finish
T631C1012	20° F to 90° F	1 SPDT	3.0° F	Gray Finish
T631C1020	70° F to 140° F	1 SPDT	2.0° F	Gray Finish
T631C1038	-10° C to +30° C	1 SPDT	1.7° C	Scale in Celsius
T631C1046	20° C to 60° C	1 SPDT	1.1° C	Scale in Celsius
T631C1053	35° F to 100° F	1 SPDT	2.0° F	Gray Finish
T631C1103	-30° F to +100° F	1 SPDT	5.0° F	Gray Finish
T631F1068	35° F to 100° F	1 SPDT	2.0° F	NEMA 4X Housing
T631F1084	35° F to 100° F	1 SPDT	2.0° F	NEMA 4X Housing
T631F1092	35° F to 100° F	1 SPDT	2.0° F	NEMA 4X Housing
T631G1059	35° F to 100° F	2 SPDT (1 hp)	2.0° F	NEMA 4X Housing

PROPORTIONAL TEMPERATURE CONTROLLERS

T991

For modulating control of water or air temperature in ducts, tanks and similar applications.

- Fast response models (for duct mounting) have coiled sensing element giving at least four times faster response than standard models.
- Ambient temperature compensated for the case and tubing.
- Sensing element capillary tubing allows remote mounting of sensing element.
- Setpoint may be read and adjusted through cover.
- Throttling dial inside case adjusts proportional throttling range.



T991

Proportional Temperature Controllers										
Part Number	Setpoint Temperature		Modulating Output	Relay Outputs	Element Type	Capillary Length		Throttling Range		Comments
	°F	°C				Feet	Meters	°F	°C	
T991A1004	0° F to 100° F	-18° C to +38° C	One 135 Ohm Output	N/S	Copper bulb	5 ft	1.5 m	3° F to 30° F	1.7° C to 16.7° C	N/S
T991A1012	0° F to 100° F	-18° C to +38° C	One 135 Ohm Output	N/S	Copper bulb	20 ft	6.1 m	3° F to 30° F	1.7° C to 16.7° C	N/S
T991A1061	160° F to 260° F	71° C to 127° C	One 135 Ohm Output	N/S	Copper bulb	5 ft	1.5 m	3° F to 30° F	1.7° C to 16.7° C	N/S
T991A1079	160° F to 260° F	71° C to 127° C	One 135 Ohm Output	N/S	Copper bulb	20 ft	6.1 m	3° F to 30° F	1.7° C to 16.7° C	N/S
T991A1095	5° F to 95° F	-15° C to +35° C	One 135 Ohm Output	N/S	Copper bulb	5 ft	1.5 m	3° F to 30° F	1.7° C to 16.7° C	Celsius Scale
T991A1103	N/S	-15° C to +35° C	One 135 Ohm Output	N/S	Copper bulb	20 ft	6.1 m	3° F to 30° F	1.7° C to 16.7° C	Celsius Scale
T991A1152	N/S	75° C to 125° C	One 135 Ohm Output	N/S	Copper bulb	5 ft	1.5 m	3° F to 30° F	1.7° C to 16.7° C	Celsius Scale
T991A1186	55° F to 175° F	13° C to 79° C	One 135 Ohm Output	N/S	Copper bulb	5 ft	1.5 m	3° F to 30° F	1.7° C to 16.7° C	N/S
T991A1194	55° F to 175° F	13° C to 79° C	One 135 Ohm Output	N/S	Copper bulb	20 ft	6.1 m	3.5° F to 36° F	1.9° C to 20° C	N/S
T991A1210	59° F to 167° F	15° C to 75° C	One 135 Ohm Output	N/S	Copper bulb	5 ft	1.5 m	3° F to 30° F	1.7° C to 16.7° C	N/S
T991A1244	55° F to 175° F	13° C to 79° C	One 135 Ohm Output	N/S	Copper bulb	5 ft	1.5 m	3.5° F to 36° F	1.9° C to 20° C	N/S
T991A1269	55° F to 175° F	13° C to 79° C	One 280 Ohm Output	N/S	Copper bulb	20 ft	6.1 m	3.5° F to 36° F	1.9° C to 20° C	280 ohm
T991A1343	55° F to 175° F	13° C to 79° C	One 280 Ohm Output	N/S	Copper bulb	5 ft	1.5 m	3.5° F to 36° F	1.9° C to 20° C	N/S
T991A1350	55° F to 175° F	13° C to 79° C	One 135 Ohm Output	N/S	Copper averaging element	24 ft	7.3 m	3.5° F to 36° F	1.9° C to 20° C	N/S
T991A1426	0° F to 100° F	-18° C to +38° C	One 135 Ohm Output	N/S	Copper bulb	5 ft	1.5 m	3° F to 30° F	1.7° C to 16.7° C	N/S
T991A1715	0° F to 100° F	-18° C to +38° C	One 135 Ohm Output	N/S	Copper fast response element	5 ft	1.5 m	3° F to 30° F	1.7° C to 16.7° C	N/S
T991A1731	160° F to 260° F	71° C to 127° C	One 135 Ohm Output	N/S	Copper fast response element	5 ft	1.5 m	3° F to 30° F	1.7° C to 16.7° C	N/S
T991A1756	55° F to 175° F	13° C to 79° C	One 135 Ohm Output	N/S	Copper fast response element	5 ft	1.5 m	3.5° F to 36° F	1.9° C to 20° C	N/S
T991A1764	0° F to 100° F	-18° C to +38° C	One 135 Ohm Output	N/S	Copper averaging element	24 ft	7.3 m	3° F to 30° F	1.7° C to 16.7° C	N/S
T991A2036	55° F to 175° F	N/S	One 135 Ohm Output	N/S	Copper averaging element	5 ft	1.5 m	3° F to 30° F	1.7° C to 16.7° C	N/S
T991A2044	-30° F to +70° F	-34° C to +21° C	One 135 Ohm Output	N/S	Copper bulb	5 ft	1.5 m	3° F to 30° F	1.7° C to 16.7° C	N/S
T991A2069	0° F to 100° F	-18° C to +38° C	One 135 Ohm Output	N/S	Copper fast response element	20 ft	6.1 m	3° F to 30° F	1.7° C to 16.7° C	N/S
T991A2119	N/S	15° C to 75° C	One 135 Ohm Output	N/S	Copper bulb	20 ft	6.1 m	3° F to 30° F	1.7° C to 16.7° C	N/S
T991A2127	0° F to 100° F	N/S	One 135 Ohm Output	N/S	Copper bulb	5 ft	1.5 m	3° F to 30° F	1.7° C to 16.7° C	N/S
T991A2234	55° F to 175° F	N/S	One 135 Ohm Output	N/S	Copper fast response element	20 ft	6.1 m	3° F to 30° F	1.7° C to 16.7° C	N/S
T991E1018	160° F to 260° F	71° C to 127° C	One 135 Ohm Output	1 SPST	Copper bulb	5 ft	1.5 m	11° F	6° C	N/S
T991E1026	0° F to 100° F	N/S	One 135 Ohm Output	1 SPST	Copper bulb	5 ft	1.5 m	11° F	6° C	N/S
T991E1034	55° F to 175° F	13° C to 79° C	One 135 Ohm Output	1 SPST	Copper bulb	5 ft	1.5 m	11° F	6° C	N/S

PROPORTIONAL TEMPERATURE CONTROLLERS

T915

For ducts, tanks, boilers, pipes and other heat exchangers.

- Provide proportioning control of three-wire, low-voltage valve or damper motors.
- Used to regulate temperatures of either air or liquids.
- All models ambient compensated.

- Ambient temperature compensation provides good temperature control.
- Temperature setting scale markings in both Fahrenheit and Celsius.
- Steel case has a clear plastic cover to make setting readily visible.
- Surface mount using two screws through back of case.



Proportional Temperature Controllers

Part Number	Setpoint Temperature		Modulating Output	Relay Outputs	Capillary Length		Differential		Comments
	°F	°C			Feet	Meters	°F	°C	
T915A1177	15° F to 90° F	-10° C to +32° C	One 135 Ohm Output		5 ft	1.5 m	3° F	1.7° C	N/S
T915B1002	15° F to 90° F	-10° C to +32° C	Two 135 Ohm Output		5 ft	1.5 m	3° F	1.7° C	N/S
T915C1407	15° F to 90° F	-10° C to +32° C	One 135 Ohm Output		20 ft	6.1 m	7° F to 38° F	3.9° C to 21.1° C	N/S
T915C1449	15° F to 90° F	-10° C to +32° C	One 280 Ohm Output		5 ft	1.5 m	7° F to 38° F	3.9° C to 21.1° C	N/S
T915C1928	80° F to 210° F	27° C to 99° C	One 135 Ohm Output		5 ft	1.5 m	6° F to 32° F	3.3° C to 17.8° C	N/S
T915C1936	80° F to 210° F	27° C to 99° C	One 135 Ohm Output		20 ft	6.1 m	6° F to 32° F	3.3° C to 17.8° C	N/S
T915D1083	15° F to 90° F	-10° C to +32° C	Two 135 Ohm Output		5 ft	1.5 m	7° F to 38° F	3.9° C to 21.1° C	N/S
T915D1091	15° F to 90° F	-10° C to +32° C	Two 135 Ohm Output		20 ft	6.1 m	7° F to 38° F	3.9° C to 21.1° C	N/S
T915D1273	105° F to 220° F	40° C to 104° C	Two 135 Ohm Output		5 ft	1.5 m	9° F to 39° F	5.0° C to 21.7° C	N/S
T915F1008	15° F to 90° F	-10° C to +32° C	Two 135 Ohm Output		5 ft	1.5 m	8° F to 52° F	4.4° C to 28.9° C	N/S
T915F1016	15° F to 90° F	-10° C to +32° C	Two 135 Ohm Output		20 ft	6.1 m	8° F to 52° F	4.4° C to 28.9° C	N/S
T915M1018	15° F to 90° F	-10° C to +32° C	One 135 Ohm Output	1 SPDT	5 ft	1.5 m	3° F	1.7° C	SPDT contacts operate approx. 1° F above the throttling range with 0.5° F differential at midscale.
T915M1216	105° F to 220° F	40° C to 104° C	One 135 Ohm Output	1 SPDT	5 ft	1.5 m	3° F	1.7° C	SPDT contacts operate approx. 1° F above the throttling range with 0.5° F differential at midscale.
T915P1007	15° F to 90° F	-10° C to +32° C	One 135 Ohm Output	1 SPDT	5 ft	1.5 m	3° F	1.7° C	SPDT contacts operate approx. 1° F below the throttling range with differential of 0.5° F at midscale.

ELECTRONIC REMOTE TEMPERATURE CONTROLLERS

T7079

Capable of providing on-off temperature control for ducts, tanks, heating and refrigeration units, greenhouses, animal confinement buildings and other applications where electronic accuracy in addition to remote sensing is desired.

- Choose from 1 or 2 SPDT relay models.
- Two stage models can be configured as 2 heat/2 cool, or 1 heat/1 cool.
- Switch selection of heat or cool mode.
- Temperature sensing up to 400 feet.

- Does not require field calibration.
- 10K NTC temperature sensor.
- Wide setpoint temperature range.
- LED annunciation for both power on and relay state.
- Dual setpoint scale (°F and °C).
- Models offered with built in isolation transformer for 24 Vac input.
- Dual-stage output models can be configured as 2 heat/2 cool, or 1 heat/1 cool.



Electronic Remote Temperature Controllers

Part Number	Setpoint Temperature		Relay Outputs	Power Input	Differential	
	°F	°C			°F	°C
T7079A1004	-25° F to +105° F	-32° C to +40° C	1 SPDT	24 Vac	1° F to 30° F	-17° C to +1° C
T7079A1012	100° F to 240° F	38° C to 116° C	1 SPDT	24 Vac	1° F to 30° F	-17° C to +1° C
T7079A1046	-25° F to +105° F	-32° C to +40° C	1 SPDT	120/240 Vac	1° F to 30° F	-17° C to +1° C
T7079A1053	100° F to 240° F	38° C to 116° C	1 SPDT	120/240 Vac	1° F to 30° F	-17° C to +1° C
T7079B1028	-25° F to +105° F	-32° C to +40° C	2 SPDT	24 Vac	1° F to 30° F	-17° C to +1° C
T7079B1036	100° F to 240° F	38° C to 116° C	2 SPDT	24 Vac	1° F to 30° F	-17° C to +1° C
T7079B1044	-25° F to +105° F	-32° C to +40° C	2 SPDT	120/240 Vac	1° F to 30° F	-17° C to +1° C
T7079B1051	100° F to 240° F	38° C to 116° C	2 SPDT	120/240 Vac	1° F to 30° F	-17° C to +1° C

Learn More

For more information on Honeywell Remote Temperature Controllers, call 1-800-466-3993 or visit customer.honeywell.com.

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The Honeywell logo, consisting of the word "Honeywell" in a bold, red, sans-serif font.

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