

PNEUMATICS & FITTINGS



SINGLE SETPOINT ROOM PNEUMATIC THERMOSTATS 2200 SERIES, TK-1000 THRU TK-5000 SERIES



DESCRIPTION

The **2200 Series** and **TK Series** thermostats provide proportional temperature control of pneumatically actuated valves and dampers to maintain room air temperatures in heating, ventilating, and air conditioning systems.

FEATURES

- *Classic appearance*
- *Setpoint and thermometer*
- *Blank cover or covers included with exposed setpoint and thermometer*
- *Bimetal sensing element*
- *Adjustable throttling range models*



TK-1001



2212-618

SPECIFICATIONS

Connections		Supply Air Pressure	
TK-1000/5000	5/32" spring-reinforced plastic tubing	TK1000/5000	15 or 20 psig (103 or 138 kPa), 30 psig maximum
2200	3/16" spring-reinforced plastic tubing	2200	20 psig (138 kPa), 30 psig maximum
Number of Pipes	1, 2, or 3 with manual override	Maximum Operating Pressure	30 psi (207 kPa)
Sensor Element	Bimetal	Color	
Mounting	Wall	TK1000/5000	Beige; plastic cover has setpoint and thermometer, blank cover also provided
Setpoint Range	55° to 85°F (13° to 29°C)	2200	White; plastic cover has setpoint and thermometer, blank cover also provided
Setpoints	Single, Dual (TK1201, TK1281 only)	Dimensions	
Throttling Range		TK1000/5000	4.4"H x 2.8"W x 1.6"D (11.1 x 7.0 x 4.1 cm)
TK1000/5000	Adjustable, 2° to 10°F (1° to 5°C), factory set at 4°F (2°C)	2200	2.0"H x 2.0"W x 1.3"D (5.2 x 5.2 x 3.2 cm)
2200	Adjustable, 2° to 12°F (1° to 6°C), factory set at 3°F (2°C)	Weight	0.4 lb (0.2 Kg)
Remote Bulb	No	Warranty	2 years
Air Consumption			
TK1000	13.8 scim (3.8 mL/s)		
TKR-5x01	41.5 scim (11.3 mL/s)		
2212	15.6 scim (4.3 mL/s)		
2211	29.4 scim (8.0 mL/s)		
Operating Temperature	40° to 150°F (4° to 65°C)		



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SCHNEIDER ELECTRIC SINGLE SETPOINT ROOM PNEUMATIC THERMOSTATS 2200 SERIES, TK-1000 THRU TK-5000 SERIES

ORDERING INFORMATION

MODEL	DESCRIPTION
TK-1001	Direct acting, 55° to 85°F, two-pipe, heating or cooling
TK-1001-116	Direct acting, 13° to 29°C, two-pipe, heating or cooling
TK-5001	Direct acting, 55° to 85°F, one-pipe, heating or cooling
TK-5001-116	Direct acting, 13° to 29°C, one-pipe, heating or cooling
TK-1101	Reverse acting, 55° to 85°F, two-pipe, heating or cooling
TK-1101-116	Reverse acting, 13° to 29°C, two-pipe, heating or cooling
TKR-5101	Reverse acting, 55° to 85°F, one-pipe, heating or cooling
TK-1301	Direct acting, 55° to 85°F, two- or three-pipe, heating or cooling with day or night
TK-1301-116	Direct acting, 13° to 29°C, two- or three-pipe, heating or cooling with day or night
TK-1381	Reverse acting, 55° to 85°F, two- or three-pipe, heating or cooling with day or night
TK-1601	Direct acting, 55° to 85°F, two- or three-pipe, heating or cooling with day or night and 0/20 output line for PE switch
TK-1201	Reverse/direct acting, 55° to 85°F, two-pipe, heating/cooling
TK-1281	Direct/reverse acting, 55° to 85°F, two-pipe, heating/cooling
2212-618	Direct acting, 55° to 85°F, two-pipe, heating or cooling
2212-619	Reverse acting, 55° to 85°F, two-pipe, heating or cooling
2211-612	Direct acting, 55° to 85°F, one-pipe, heating or cooling
2211-613	Reverse acting, 55° to 85°F, one-pipe, heating or cooling