

T-5220

# High Volume Output Pneumatic Temperature Transmitter



## Description

The T-5220 High Volume Output Pneumatic Temperature Transmitter measures temperature in ducts, pipes, tanks, or other areas requiring remote temperature measurement. The T-5220 converts the temperature measurement to an air pressure signal transmitted to a pneumatic receiver, controller, or receiver-indicator. When used with a Dewcel<sup>®</sup> (purchased locally), the T-5220 operates as a dew point transmitter. The T-5220 is designed for applications which require a high output capacity, a high degree of accuracy, or a transmitter of industrial quality.

## Features

- provides an exact proportional relationship between the measured temperature and the transmitted signal
- includes appropriate mounting equipment
- mounts in a vertical position on a rigid, flat surface

## Repair Parts

If the product fails to operate within its specifications, unit replacement is required.

## To Order

Specify the code number from the following selection chart.

## Selection Chart

Code Number	Description	
	Element Style	Operating Range
T-5220-1001	Copper Bulb with 5-1/2 in. (140 mm) Copper Capillary	50 to 100°F (10 to 38°C)
T-5220-1002		0 to 100°F (-18 to 38°C)
T-5220-1004		40 to 240°F (4 to 116°C)
T-5220-1008		50 to 150°F (10 to 66°C)
T-5220-1113	Copper Bulb with 4 ft (1.2 m)	-40 to 160°F (-40 to 71°C)
T-5220-1114	Copper Capillary	0 to 100°F (-18 to 38°C)
T-5220-1009	Copper Averaging Element, 8 ft (2.4 m), with 1 ft (305 mm) Copper Capillary	0 to 100°F (-18 to 38°C)

## Accessories

Code Number	Description
F-1000-171	Test Plug Fitting, 1/8 in. NPT
T-275-100	"B" Bulb Element Holder
T-275-101	Averaging Element Holder
T-800-1603	Single Hub Duct Flange
T-800-1604	Double Hub Duct Flange
T-800-1605	Brass Well, 6-1/2 in.
T-800-1606	Stainless Steel Well, 5-1/4 in.
T-800-1610	Bulb Element Adapter Nut, 1/2 in. NPT
T-800-1611	Street Ell, 1/8 in.
T-800-1613	Air Cock Union End, 1/8 in.
T-800-1614	Three-Way Air Cock with Exhaust, 1/8 in.
T-800-1615	Screw-Type Shut-Off Cock, No. 52, 1/4 in. Comp.
T-800-1616	Adapter Gauge Tee, 1/4 in. Comp.
T-800-1617	Brass Pipe Plug, 1/8 in.
T-800-1618	Brass Well, 9-1/2 in.
T-800-1620	Stainless Steel Well, 9-1/2 in.
T-800-1624	Dual Brass Well, 6-1/2 in.
T-5210-138	Dewcel <sup>®</sup> Adapter Kit
SHL10A-603R	Bulb Weather Shield
T-5210-129	Sheet Metal Bracket
TE-6001-8	Temperature Element Holder