

# Temperature Control Systems



Spray Booth

## SERIES14 DUAL TEMP DIALS\*

Temperature control system.



TD114 55°-90°F Dial



TD114 120°-170°F Dial

System components:

- A1014 or A1014L Amplifier
- TD114 55°-90°F Dial\*
- TD114B 120°-170°F Dial\*
- TS214B\* Dual Temp. Sensor

\*Any two standard temp. ranges are available.

System utilizes two temperature ranges (Spray & Dry) using any two standard TD114 Series analog temperature dials. The TS214 temperature sensor consists of two temperature-sensing elements - one for the Spray range and one for the Dry range. Switching between the two temperature range dials and sensors is accomplished by a DPDT Switch (not supplied).

## Paint Spray Booth Applications

## SERIES14 DUAL TEMP DIALS with SWITCH\*

Temperature control system with temperature range selection switch.



TD214B\*, 55°-90°F, 120°-170°F Dual Temperature Dial with Switch in 4 x 6 enclosure.

System components:

- A1014 or A1014L Amplifier
- TD214B\* 55°-90°F, 120°-170°F Dual Temp. Dial with Switch in 4 x 6 enclosure
- TS214B\* Dual Temp. Sensor

\*Any two standard temp. ranges are available.

System utilizes two temperature ranges (Spray & Dry) using any two TD114 Series analog temperature dials. The two temperature range dials are mounted in a 4 x 6 electrical box enclosure (or on the 4 x 6 cover plate only, designated by "X" suffix) with a DPDT switch mounted between them. The TS214 temperature sensor consists of two temperature-sensing elements - one for the Spray range and one for the Dry range. Switching between the two temperature range dials and sensors is accomplished by the DPDT supplied switch.

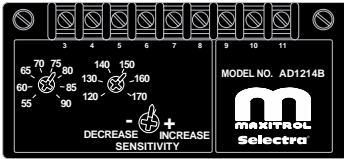


**ORDAN THERMAL PRODUCTS LTD.**  
 Combustion Equipment & Controls for Industry  
 21 Amber Street # 9, Markham Ontario Canada L3R 4Z3  
 Tel: (905) 475-9292 Fax: (905) 475-3286  
 www.ordanthermal.com

**MAXITROL**® company

## SERIES14 DUAL TEMP DIALS INTEGRAL to AMPLIFIER

Temperature control system designed to make the Spray & Dry temp. setpoints tamper resistant.



AD1214B Amplifier

System components:

- AD1214B Amplifier\*
  - TS214B Temp. Sensor\*
- \*Any two standard temperature ranges are available.

The system utilizes two temperature ranges (Spray & Dry), which are located on the face of the amplifier. The amplifier functions as an A1014, but the electronics, Spray and Dry temperature ranges are all located in a single housing. The compact housing can be easily mounted in a limited access control box to eliminate temperature setpoint tampering. The TS214 temperature sensor consists of two temperature-sensing elements - one for the Spray range and one for the Dry range. Switching between the two temperature range dials and sensors is accomplished by a DPDT switch (not supplied).

## SERIES94 DUAL DIAL with LED TEMP DISPLAY

Temperature control system with LED temperature display, Spray and Dry labels.



TD294E-609-0818 Dial

System components:

- A1494 Amplifier
- TD294E-609-0818 Dial
- TS194Q Temp. Sensor

The system utilizes two temperature ranges 60°-90°F and 80°-180°F. The 60°-90°F range is labeled Spray, and the 80°-180°F range is labeled Dry. The LED, located between Spray and Dry ranges, displays the sensed temperature. The temperature is sensed for both ranges with a single TS194Q sensor. Switching between the two temperature ranges is accomplished by a SPST switch (not supplied).

## “M” SERIES MICROPROCESSOR

Temperature control system utilizing a programmable microprocessor.



TDM01-A Digital Selector

System components:

- AM01 Amplifier
- DM01-A Digital Selector
- TS194Q Temp. Sensor

A maximum of (4) setpoints can be programmed within a range of 50°F-300°F. Temperatures are set using up/down scroll buttons. The display is 2 line 16 character blue vacuum fluorescent. The display shows set and sensed temperatures simultaneously. Temperature sensing for all ranges is done with a single TS194Q sensor. Switching between the temperature ranges is accomplished by customer supplied switch. (Switch type dependent on the number of setpoints utilized).



Make-up air units



Spray booth

NOTE:

All systems require appropriate M or MR Valve and mixing tube.



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