

T-3311

Integral Thermostat and Piston Top Valve Actuator

Description

The T-3311 is a combination pneumatic thermostat and valve actuator providing proportional control of a steam or water valve in a heating/cooling application. The T-3311 is designed for use on a valve-controlled terminal air conditioning unit.

Refer to *T-3100, T3200, and T3300 Series Controllers Product/Technical Bulletin (LIT-7171156)* for important product information.

Repair Information

If the T-3311 Integral Thermostat and Piston Top Valve Actuator fails to operate within its specifications, replace the unit. For a replacement thermostat or actuator, contact the nearest Johnson Controls® representative.

Selection Charts

T-3311 Integral Thermostat and Piston Top Valve Actuator

Code Number	Description
T-3311-1	Direct Acting 15 psig, Reverse Acting 20 psig
T-3311-2	Direct Acting 20 psig, Reverse Acting 15 psig

Features

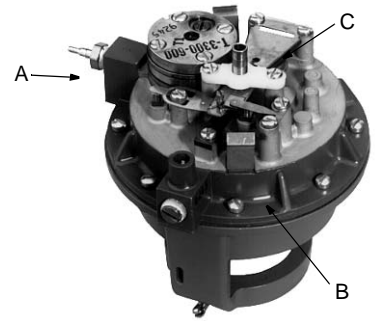
- available in Direct-Reverse acting or Reverse-Direct acting
- equipped with liquid filled bulb temperature measuring element
- includes a built-in restrictor in the supply air connection
- equipped with an external setpoint adjustment
- fits any Johnson Controls 1/2 in. through 2 in. NPT normally open, normally closed, or mixing valve which takes a V-3000-1 and V-3000-8011 actuator
- includes a protective snap-on cover
- factory set for a nominal adjustment of $\pm 7.5^\circ\text{F}$ ($\pm 4^\circ\text{C}$)
- includes pointer tabs to restrict the temperature adjustment range to as little as $\pm 2.5^\circ\text{F}$ ($\pm 1.4^\circ\text{C}$)
- requires dual supply air pressures of 15 and 20 psig (105 and 140 kPa)

T-3311 Accessories/Maintenance Parts

Code Number	Call out	Description
T-3100-6005	A	Supply Inlet Filter (Order in Multiples of 50)
T-4002-600	B	Control Port
T-275-6002	C	Element Assembly Remote "B" Bulb
T-275-100	---	Bulb Holder
T-271-6000	---	Knob (Package of 2)



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T-3311 Accessories and Maintenance Parts