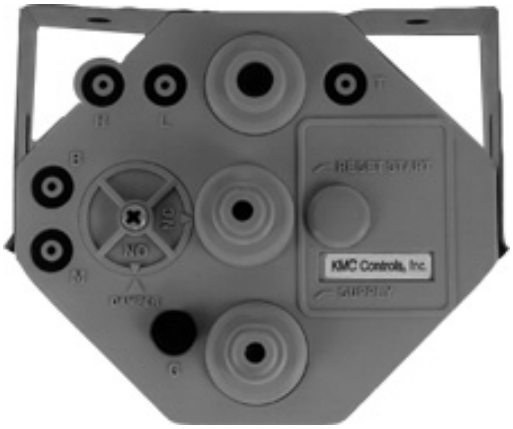
CSC–3014
Reset Volume Controller

Description

The KMC CSC-3014 Reset Volume Controller is a direct acting unit designed for use on normally open, or normally closed, VAV terminal units in HVAC systems. The CSC-3014 is a sub-master air velocity controller whose velocity set point is reset between adjustable minimum and maximum airflow limits. These limits are preset at the master controller wall thermostat. The CSC–3014 is designed to work with KMC CTC–2100 series thermostats.

Cooling applications require direct action and reverse action is required for heating applications. The reset span (change between the preset minimum and maximum airflows) is fixed to the proportional band (throttling range) of the wall thermostat.



Features

- Velocity set point is reset between adjustable minimum and maximum airflow limits
- Damper action can be reset
- Reset span is fixed to the throttling range of the thermostat

Applications

The CSC–3014 is designed to work with:

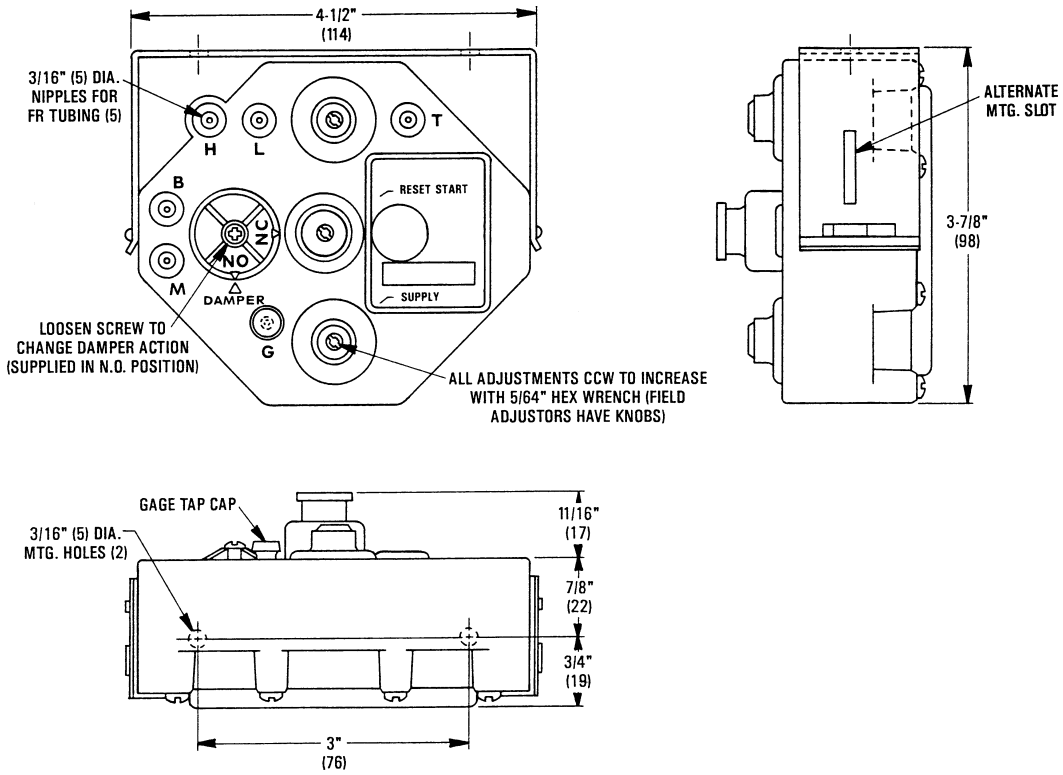
CTC–2100 Thermostats

!CAUTION

Pneumatic devices MUST operate with CLEAN, DRY, control air. Any other medium will result in the device's eventual failure.

Details

All dimensions in inches (mm).



Specifications

Differential Pressure Range
0 to 1.15" wg (286 Pa)

Reset Pressure Range
Non-adjustable 10 psig (69 kPa)

Reset Start Point Factory set @ 3 psig (21 kPa). Field adjustable for recalibration to 3 psig when mounting in a position other than "dials down" or changing damper action

Output Sensitivity 5 psi/ 0.02" wg (35 kPa/ 5 Pa)

Damper Action Factory set @ N.O. field adjustable for N.C. or N.O.

Thermostat Action Direct acting for cooling and reverse acting for heating

Main Air Pressure 18 to 23 psig (124 to 159 kPa)

Air Consumption 43.2 scim @ 20 psig (11.8 mL/s @ 138 kPa)

Temperature Limits

Operating 40° to 120° F (4° to 49° C)

Shipping -40° to 140° F (-40° to 60° C)

Material ABS, UL Flame Class 94 HB

Weight 11 oz. (312 grams)

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