The Columbus Electric TC Series FIRESTAT is a push-button manual reset limit control designed expressly for prevention of fire in warm air ducts. It may be used with gas, oil, or electric forced warm air heating systems.

One or more FIRESTATS should be installed in duct work at critical temperature locations such as downstream from electric heaters, points where duct work is in close proximity to flammable materials, etc.

FIRESTATS may be used in low voltage or line voltage circuits and are usually wired to open circuit to both heat source and blower when duct air temperature exceeds the temperature setting. If more than one FIRESTAT is connected to control a single heat source, the FIRESTATS must be connected in series. A typical wiring diagram is shown below.

**SPECIFICATIONS**

Electrical Rating: 9.8 AMPS FLA 58.8 LRA @ 115 VAC  
4.9 AMPS FLA 29.4 LRA @ 230 VAC  
Dimensions: 4.125” x 2.75” x 1.25”  
Model: TC-105 - 5” element length  
TC-108 - 7 1/2” element length  
TC-100 - 11” element length

**INSTALLATION**

NOTE: All wiring must conform with local applicable electrical codes and ordinances.

115 V. OR 230 v. SUPPLY

HOT

FIRESTAT

115 V. OR 230 v. SUPPLY

GROUND

FAN CONTROL

BLOWER

POWER TO HEAT SOURCE

TERMINAL

CUPWASHER SCREW

NOTE: THE CUPWASHER SHOULD BE ORIENTED SO THAT THE FLAT SURFACE IS AGAINST THE TERMINAL

SEE DETAIL "A" FOR INSTALLATION OF SCREWS AND CUP WASHERS