

## Series A250HK Manual Reset Limit Controls

### Application

These warm air limit thermostats "lock-out" on a temperature increase to the fixed set point. Manual reset is required to reclose the electrical contacts.

Thermostats are normally located in return air, supply air or plenum and wired to shut down fans, burners, or operate dampers when the temperature of the air becomes higher than the setting.

A typical application is to stop air conditioning or ventilating fans in the event of excessive return air temperature, as from a fire.

Series A250HK thermostats may also be supplied as a high limit control in the supply air duct or plenum where a "lock-out" type control desired or required by local code.

### General Description

A capillary and bulb type sensing element actuates switch contacts. Contacts are normally closed and open when temperature at element rises to set point. Contacts are reclosed only by operation of reset lever; reset lever is "trip-free" and cannot be used to block contacts in a closed or unsafe position.



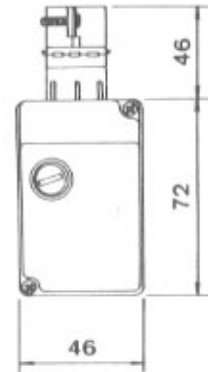
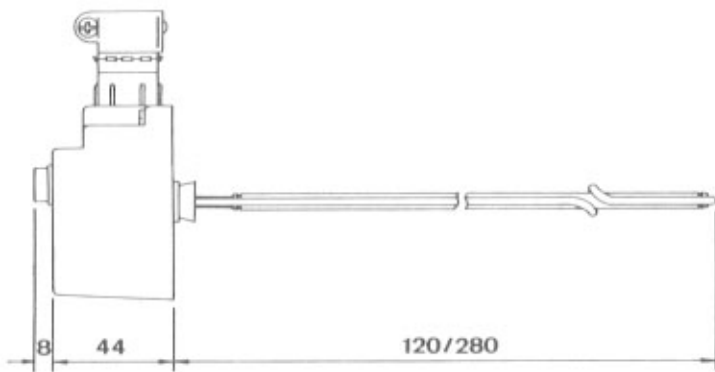
### Features

- Pilot duty electrical rating for up to 380 volts allows direct control of line voltage motor starters, etc.
- Trip-free reset lever. Contacts cannot be locked in a closed or unsafe position.
- Enclosed, dust-tight contact unit.
- Positive cutoff safety in case of capillary breakage.
- Capillary and bulb sensing element gives maximum response, allows high maximum element temperature, and reduces the probability of direct build-up on element.
- Large, screw-type terminals, generous wiring compartment, and opening for 16mm conduit simplify installation.

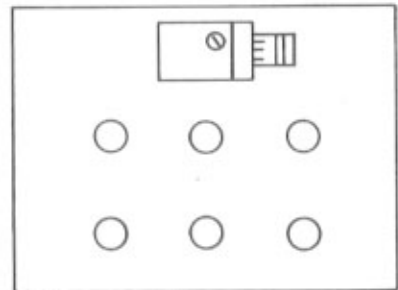
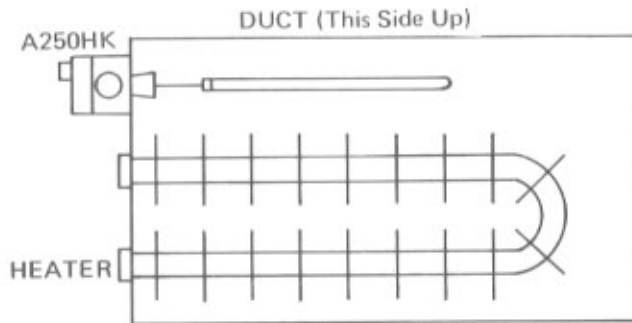
### Specifications

PRODUCT	A250HK - 1	Element length 280mm
	A250HK - 2	Element length 120mm
APPLICATION	Warm air heating units	
RANGE °C FIXED LIMIT TEMPERATURE	50 ± 3	
TEMPERATURE ELEMENT	Liquid filled	
MAXIMUM ALLOWABLE BULB TEMPERATURE	130°C	
MAXIMUM AMBIENT TEMPERATURE	80°C	
ELECTRICAL RATINGS	10A(2.5) 250V/7A 380V	

**DIMENSIONS**



**Dimensions in mm**



**RECOMMENDED MOUNTING POSITION**