

# FIRE SAFE VALVES™ U.S. Patent # 3,817,353



## OPERATING PRINCIPLE

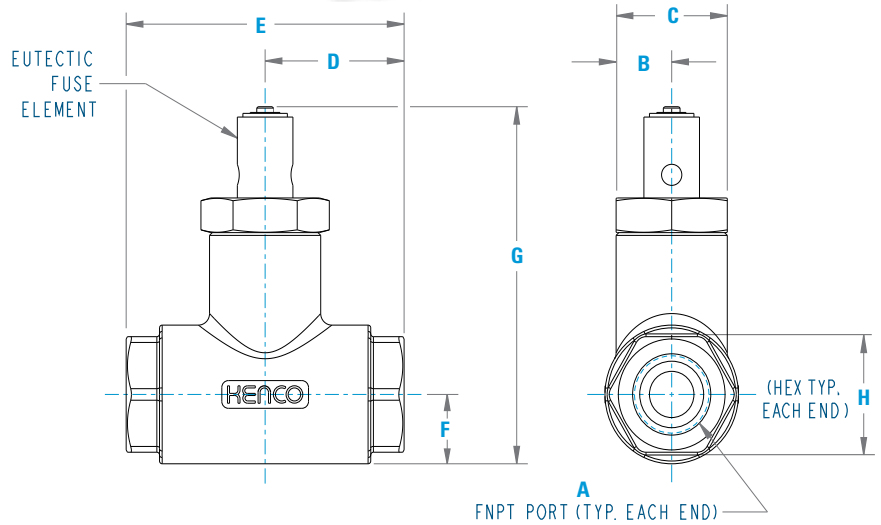
The Fire Safe Oil Control System provides two spring-loaded, thermally actuated valves. In the event of a fire, valves automatically close, stopping the flow of oil from the crankcase of the engine and the reserve oil supply for the controller. Because the Oil Level Controller will melt during a fire, this prevents the addition of oil from the crankcase and the controller's reserve oil supply to the fire.

## BENEFITS

- Lower insurance rates
- Protection in case of fire to equipment
- Protection of personnel
- Protection of environment
- Prevents oil supply from feeding a fire

## SPECIFICATIONS

Valve Body – Zinc Plated Carbon Steel  
 Thermal Fuse Melting Temp. – 360°F  
 Spring – Stainless Steel  
 Valve Plunger – Carbon Steel  
 Seal Material – Fluorocarbon  
 Connection Size: 1/2" FNPT or 3/4" FNPT (other sizes available)



## TYPICAL INSTALLATION

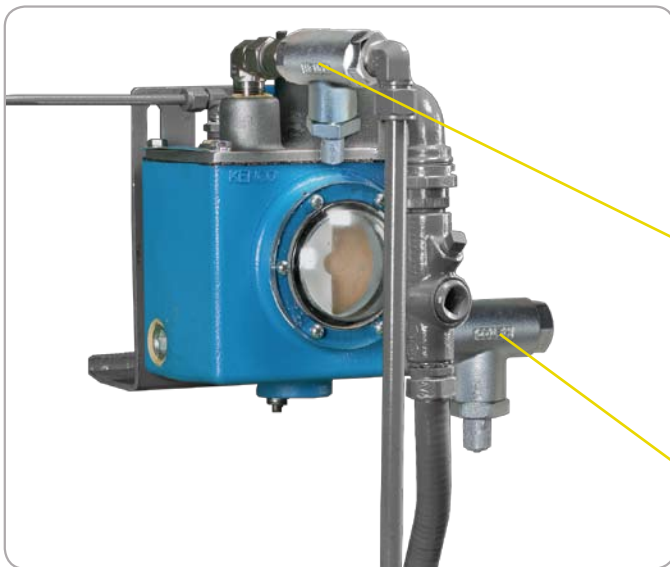
### Inlet Side:

Install the Model 50-KFS as close to the controller inlet (or Kenco Low Flow Meter) as possible.

### Outlet Side:

Install the Model 75-KFS as close to the engine crankcase as possible.

\*Note: Flow through valve is bidirectional.



DIMENSIONS	
<b>MODEL 50-KFS:</b>	<b>MODEL 75-KFS:</b>
A – 1/2"	A – 3/4"
B – 5/8"	B – 3/4"
C – 1-1/4"	C – 1-1/2"
D – 1-9/16"	D – 1-3/4"
E – 3-1/8"	E – 3-1/2"
F – 3/4"	F – 7/8"
G – 3-7/8"	G – 4-3/8"
H – 1-5/16"	H – 1-9/16"

