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

OPERATING PRINCIPLE

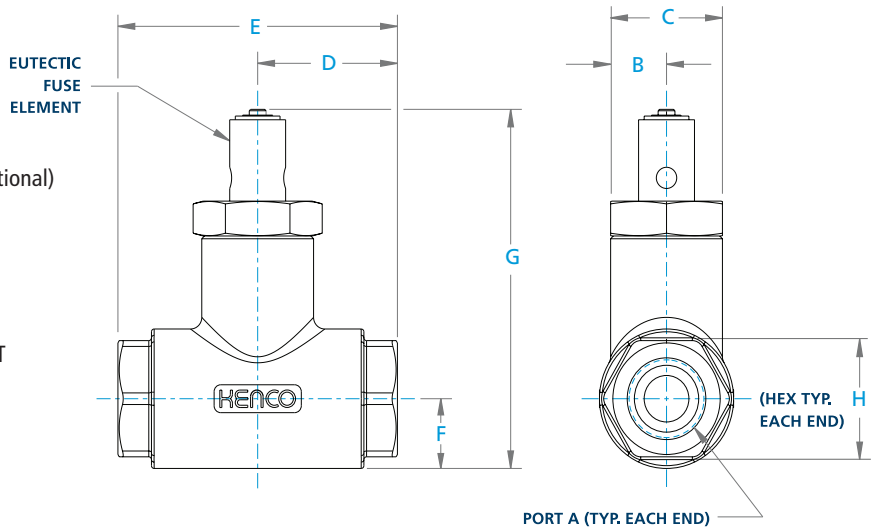
A typical Fire Safe Oil Control System has two spring-loaded, thermally actuated Kenco Fire Safe valves. In the event of a fire, the valve's eutectic fuse element melts and the valves close automatically. This prevents the oil contained inside the crankcase and the oil reserve tank from feeding the fire.

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 (316 S.S. optional)
- Spring: Stainless Steel (Inconel on 10-KFS)
- Valve Plunger: Carbon Steel (316 S.S. optional)
- Seal Material: Fluorocarbon
- Thermal Fuse Melting Temp.: 360°F
- Maximum Working Pressure: 70 psig
- Connection Size: 1/2" FNPT, 3/4" FNPT or 1"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.

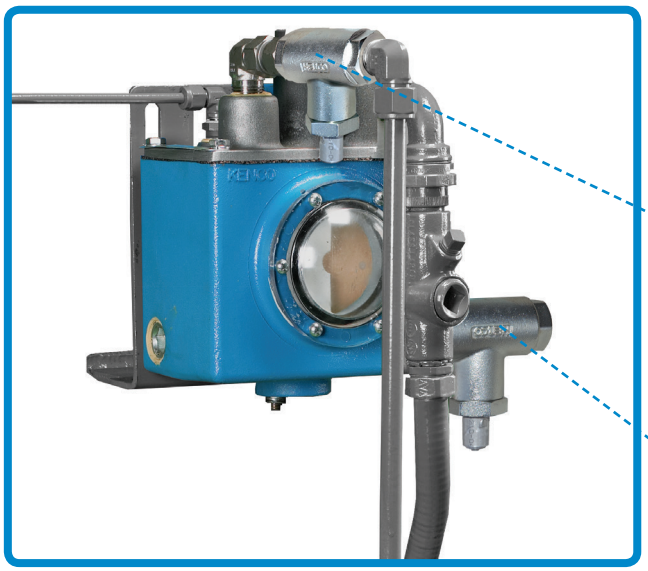
OUTLET SIDE:
Install the Model 75-KFS as close to the engine crankcase as possible.

*Note: Flow through valve is bidirectional.

Dimensional Information

DIMENSION LABEL	MODEL 50-KFS	MODEL 75-KFS	MODEL 10-KFS
A	1/2" FNPT	3/4" FNPT	1" FNPT
B	5/8"	3/4"	15/16"
C	1-1/4"	1-1/2"	1-7/8"
D	1-9/16"	1-3/4"	2-1/16"
E	3-1/8"	3-1/2"	4-1/8"
F	3/4"	7/8"	1-1/32"
G (C.S.)	3-7/8"	4-3/8"	5-7/32"
G (S.S.)	4-1/8"	4-5/8"	5-7/32"
H	1-5/16"	1-9/16"	1-3/4"

Note: The model designations shown in the table above represent the order number for standard Carbon Steel Fire valves. To order Stainless Steel Fire Safe valves, add the suffix "-SS" to the end of the order number. (Example: A 1/2" NPT Stainless Steel Model 50-KFS Fire Safe valve would be ordered as 50-KFS-SS)



INLET SIDE:
In case of a fire, stops oil from flowing from oil reserve supply.

OUTLET SIDE:
In case of a fire, stops back flow of oil from crank case.