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## **INSTRUCTIONS FOR INSTALLING MODELS 50-KFS, 75-KFS, 10-KFS, 125-KFS, 15-KFS AND 20-KFS FIRE SAFE VALVES**

### **Installation Objective**

Install Kenco Fire Safe Valves into oil lines at locations that minimize oil loss in case of a fire.

### **Kenco Oil Level Controller Applications**

*Controller Inlet Side:* Install the model 50-KFS as close to the controller inlet or Kenco Low Flow Meter as possible.

*Controller Outlet Side:* Install the model 50-KFS or 75-KFS as close to the engine/compressor crankcase as possible.

### **Oil Supply Reservoir Applications**

Install the model 50-KFS, 75-KFS, 10-KFS, 125-KFS, 15-KFS or 20-KFS as close to the oil supply reservoir as possible.

### **All Applications**

All oil lines between the oil supply reservoir and the Fire Safe Valve, between the crankcase and the Fire Safe Valve, and between the Fire Safe Valve and the oil level controller must be steel. **Do not** use rubber or aluminum oil lines.

The size of the lines connected to the inlet and outlet of the Fire Safe Valve should be equal to or larger than the nominal port size of the Fire Safe Valve (example: 50-KFS line sizes should be 1/2" I.D., 75-KFS line sizes should be 3/4" I.D., etc.).

When installing the Fire Safe Valve, any orientation of the thermal fusing element is acceptable, but facing downward is preferred. This ensures that the fuse is directly exposed to the heat source in case of a fire.

Flow on the Fire Safe Valve is bidirectional. This means that either port can serve as the inlet or outlet.

For long pipe runs, Fire Safe Valves on each end are recommended.

The placement of the Fire Safe Valve in an oil level controller application is shown in the diagram below.

