

# Frequently Asked Questions

**Q - Can the valve be fitted vertically or horizontally?**

A - The valve can be positioned horizontally without additional protection, if positioned vertically a weather proof cover must be fitted. Leave a minimum of 60mm clearance beneath the valve to allow access to the reset/shut off button.

**Q - How do I adjust the valve?**

A - The valve is factory set and calibrated and must not be tampered with.

**Q - No oil is flowing through the valve, what is wrong?**

A - (1) Check the inlet side of the valve to make sure oil is at the valve entrance. If not, check the tank isolation valve.  
(2) Check the black reset/shut-off button is depressed to allow the oil to flow through the valve.

**Q - We need to service the boiler, can we pull the reset/shut-off button on the valve to close it?**

A - Yes.

**Q - The boiler 'fires up' but trips out and the valve closes after a short while. Why?**

A - Most probably, the probe has been positioned too close to the burner and is detecting a high temperature. Move the probe away from the heat source but keep it within 1 metre of the boiler.



## Remote Acting Fire Valve INFORMATION LEAFLET

APPROVED TO OFTEC OFS E101:2015

### Product Range

CODE	TEMP.	CAPILLARY LENGTH
KFV6515	65°C	1.5m
KFV6530	65°C	3.0m
KFV6560	65°C	6.0m
KFV6590	65°C	9.0m
KFV65120	65°C	12.0m
KFV9020	90°C	2.0m
KFV9030	90°C	3.0m
KFV9060	90°C	6.0m
KFV9090	90°C	9.0m

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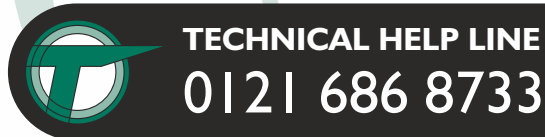
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## WHY FIT A FIRE VALVE?

BS5410-1 & BS799-5 state that all oil supply lines should be protected by a fully re-settable, remote acting fire valve and is approved to OFSE101:2015 and compliant with the OFCERT scheme.

Our Saffire Fire Valve has been developed to do such a job. It safeguards the installation by shutting off the fuel from the oil line in the event of a fire.

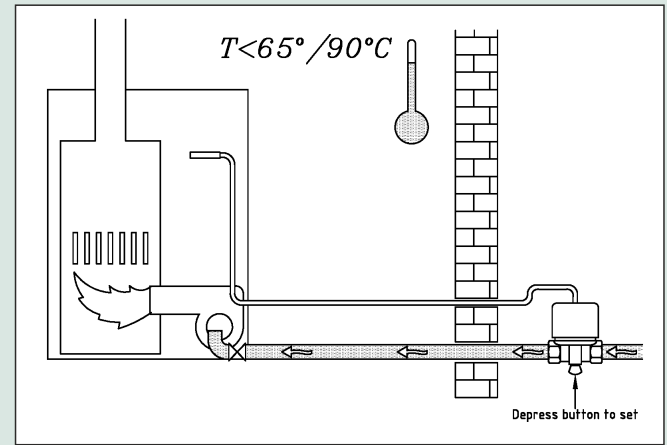
The Saffire remote fire valve by Tesla UK Ltd is a capillary type fire valve, designed to shut off the oil supply line in the event of a fire. All Saffire fire valve models are suitable for use with suction or gravity fuel systems at 0.8bar (-12psi) vacuum and 2 bar (30 psi) positive.

## TECHNICAL INFORMATION

### SPECIFICATION

<b>Capillary Length</b>	(m) 1.5/2/3/6/9/12
<b>Connection to oil supply</b>	1/4" BSP FxF
<b>Fuel Types</b>	Kerosene, Biofuel B30 + B50, Type D Gas Oil
<b>Sensor</b>	Copper
<b>Body</b>	51mm long x 54mm high
<b>Valve Body, Sensor Housing Spindle &amp; Handwheel</b>	Brass
<b>Nominal Fuel Flow Rate</b>	Kerosene 56 l/h at 1 metre head 85 l/h at 2 metre head  Diesel 50 l/h at 1 metre head 76 l/h at 2 metre head
<b>Nominal Shut Down Temp</b>	65°C and 90°C

## INSTALLATION



- 1 Must be installed in accordance with BS5410 and all relevant local building regulations
- 2 Prior to installing the Saffire fire valve, pull down the black reset/shut-off button on the underside of the valve body to close the valve.
- 3 Position the valve body as close as possible to the outside of the external wall and orientated with the capillary tube at the top. If the valve body is installed in any other orientation, a weather proof cover must be fitted.
- 4 Leave a minimum of 60mm clearance beneath the valve to allow access to the reset/shut-off button
- 5 Position the sensor in accordance with the appliance manufacturers instructions or approximately 600mm directly above the burner. Care must be taken when handling and uncoiling the capillary. Avoid bending the first 15mm at each end of the capillary and ensure any bend radius is greater than 50mm.
- 6 Upon completion of the installation, push up the black reset/shut-off button on the underside of the valve body to open the valve.

### VERY IMPORTANT

The installer must ensure that the sensor is placed correctly and NOT in an area of high ambient temperature which may cause a nuisance shut down of the valve.