

## TECHNICAL INFORMATION

### SPECIFICATION

**Capillary Lengths** 1.5m, 3.0m, 6.0m, 9.0m, 15.0m

**Connection to oil supply** 3/8" FxF threads

**Fuel Types** Class C2 & Class D to BS 2869

**Sensor** 100mm Phial of Copper tube, oil filled with beryllium copper bellows.

**Body** 5mm wide x 100mm High

**Spring** Stainless Steel

**Valve Body, Sensor Housing Spindle & Handwheel** Brass

**Flow Rate** Nominal 395 Litres per hour @ 2m head

### ACTIVATION TEMPERATURES

Calculated with heating oil at atmospheric pressure.	66°C	90°C
<b>Shut Down At</b>	>66°C	>90°C
<b>Permits Reset At</b>	30°C	30°C

### 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.

**THIS IS NOT AN ISOLATION SHUT OFF VALVE.**

## Frequently Asked Questions

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

A - Yes, it will work in either orientation.

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

A - Simple, you DON'T! 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 valve head is in the 'UP' position which will allow the oil to flow through the valve.

**Q - We need to service the boiler, can we push the head down on the valve to close it?**

A - NO. Once the valve is in the 'OPEN' position, the valve can only be closed by warming the probe at the end of the capillary tube which will simulate a fire and close the valve. Under no circumstances push the head down. Ideally the oil line should have a service valve to accommodate servicing.

**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.

**Q - The valve is not opening but when I pull the head up on the valve it drops straight down again. Why?**

A - Either the calibration of the valve has failed or the capillary tube has been broken. Please call an approved installer to investigate.



**CUSTOMER SERVICE LINE**

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**Tesla (UK) Ltd**

GAS, OIL & ELECTRICAL SPECIALISTS

## Remote Acting Fire Valve INFORMATION LEAFLET

APPROVED TO OFTEC OFS E101:1998

### Product Range

CODE	TEMP.	CAPILLARY LENGTH
TFV66015	66°C	1.5m
TFV66030	66°C	3.0m
TFV66060	66°C	6.0m
TFV66090	66°C	9.0m
TFV60150	66°C	15.0m
TFV90015	90°C	1.5m
TFV90030	90°C	3.0m
TFV90060	90°C	6.0m
TFV90090	90°C	9.0m
TFV90150	90°C	15.0m

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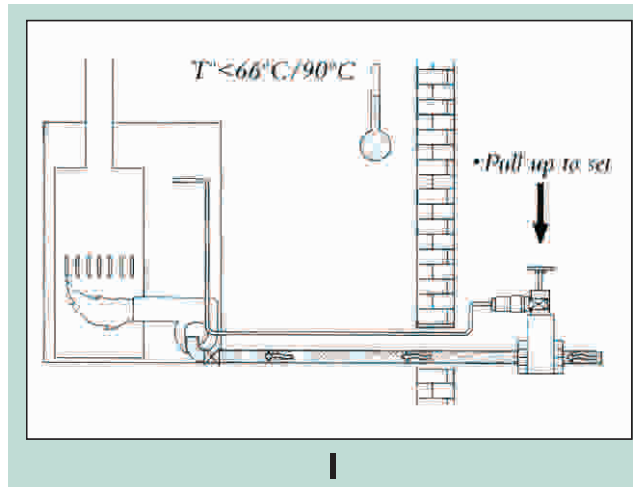
## Why fit a fire valve?

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 OFSE101:1998 and compliant with the OFCERT scheme.

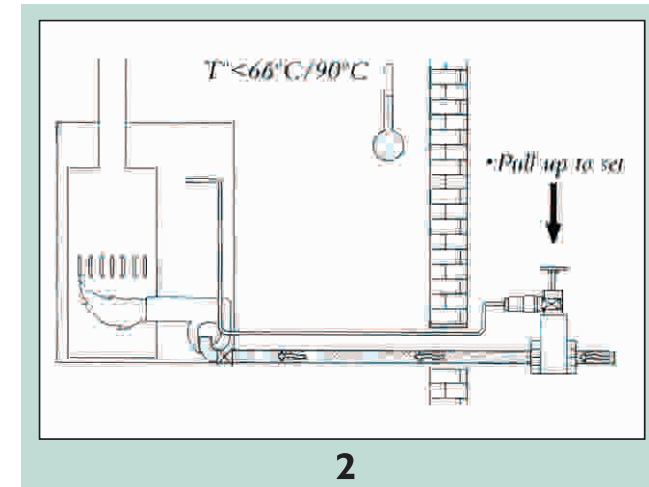
Our TESLA fire valve has been developed to do such a job. It safeguards the installation by shutting off the fuel from the oil line in the event of a fire.



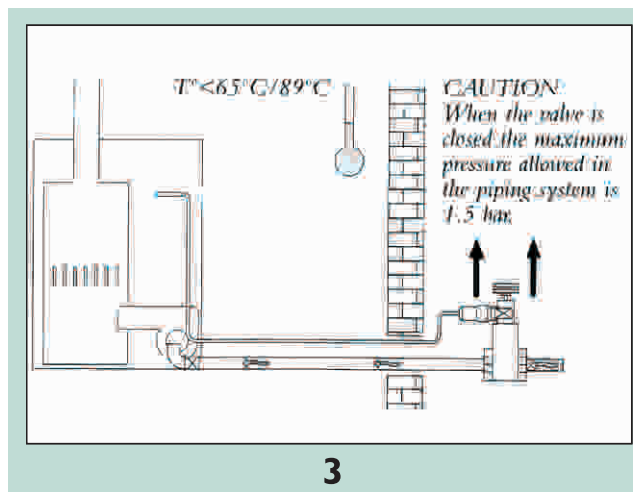
## REMOTE ACTING FIRE VALVE



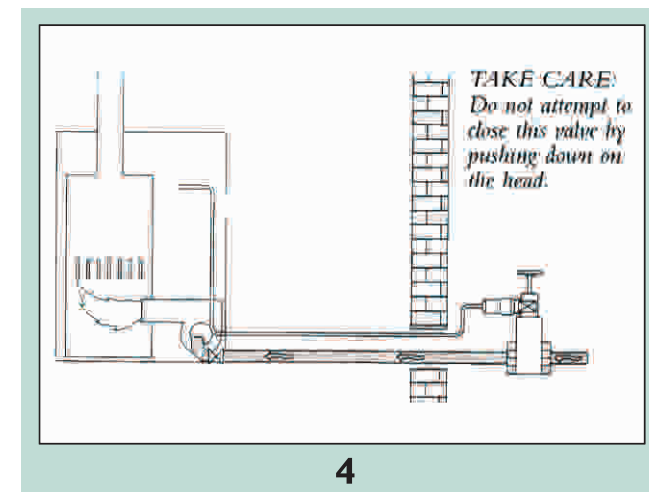
When fitted to the oil supply line, the Remote Acting Fire Valve from Tesla can help to prevent total destruction by fire.



The effect of excessive heat on the sensor causes the valve to close tightly, thus preventing the main storage tank from fuelling the fire.



The valve will not re-open unless the manual reset is activated, this must be attempted only once the fire risk has been eliminated.



Boiler can now resume operation.