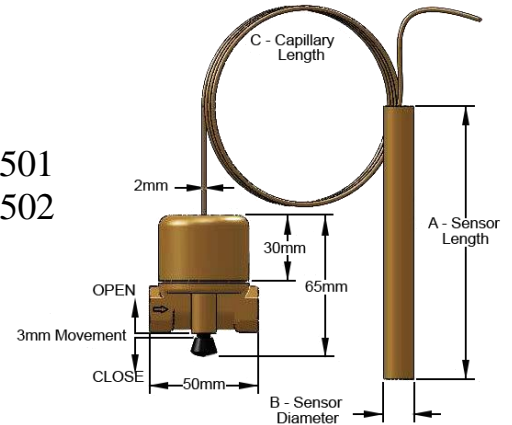


Capillary Fire Valve CFV CFV



Tested to OFTEC
standard OFS E101-
2015

OFCERT No. 0953051501
0953051502



IMPORTANT WARNING NOTES

Failure to comply with any of the following may invalidate the warranty.

This unit is only suitable for use with Class C and D fuel oils as well as Biofuel blends up to B35.

Installation of this equipment, and its associated pipe-work and fittings, should only be carried out by a qualified installation engineer in accordance with BS5410 Part 1 and any relevant local building regulations.

Description:

The CFV Capillary Fire Valve is a 'remote' fire valve fitted to automatically shut off the fuel flow, in the event of an overheat condition, in a fuel burning appliance. The CFV will fail safe and shut off in the event of failure of the capillary or sensor. All CFV models are suitable for use with suction or gravity fuel systems at -0.8 bar (-12 psi) vacuum and 2 bar (30 psi) positive head.

Flow Rates:

Kerosene - 56 litres per hour with 1m head or 85 litres per hour with a 2m head
Diesel - 50 litres per hour with 1m head or 76 litres per hour with a 2m head

Dimensions & Specifications:

Part No.	Dim. A	Dim. B	Dim. C	Port Size	Minimum Activation Temperature	Maximum Activation Temperature
LK/1407200	125mm	14mm	1.5m	¼" BSP Internal Taper Thread	61°C	75°C
LK/1407201	125mm	14mm	3.0m	¼" BSP Internal Taper Thread	61°C	75°C
LK/1407202	170mm	14mm	6.0m	¼" BSP Internal Taper Thread	61°C	75°C
LK/1407210	125mm	14mm	2.0m	¼" BSP Internal Taper Thread	82°C	95°C
LK/1407211	125mm	14mm	3.0m	¼" BSP Internal Taper Thread	82°C	95°C
LK/1407212	170mm	14mm	6.0m	¼" BSP Internal Taper Thread	82°C	95°C

INSTALLATION INSTRUCTIONS

1. The CFV must be installed in accordance with BS5410 parts 1 or 2 and any relevant local building regulations.
2. Prior to installing the CFV pull down the black reset/shutoff button on the underside of the valve body to close the valve.
3. Position the CFV 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 over it. Leave a minimum of 60mm clearance beneath the valve to allow access to the reset/shutoff button.
4. Position the sensor in accordance with the appliance manufacturer's instructions of approximately 600mm directly above the burner. Care must be taken when handling and uncoiling the capillary as it is made from soft copper. Avoid bending the first 15mm at each end of the capillary and ensure any bend radius is greater than 50mm.
5. On completion of installation push up the black reset/shutoff button on the underside of the valve body to open the valve.

CALIBRATION

The CFV is factory calibrated and cannot be adjusted.

MAINTENANCE

No maintenance is required, provided that the CFV is correctly installed. The CFV must be tested annually by subjecting the sensor to the models rated shut off temperature and ensuring the reset/shutoff button on the underside of the valve body pops out automatically indicating that the CFV has activated. Once the sensor has cooled push the reset/shutoff button back in to re-open the valve.