

Description

The FIREKILL™ Model ACCU Tool Cabinet protection has been designed and tested to protect charging stations for ACCU tools stored in a cabinet.

It consist of a SUFA Control Valves have been designed to provide fire protection of localized areas. The SUFA valves enables system designers and installers to tailor sprinkler systems or low-pressure water mist systems to specific locations and applications. In addition to the SUFA Control valve a 22 mm N-Pipe with predrilled M10 holes for the low pressure water mist nozzle Model F1 and a pressure switch with set point 2 bar increasing pressure.

SUFA Valve



Nozzle



Technical data

Specification			
Name	SUFA 100	Nozzle F1	N-Pipe
Working Pressure	0,5 bar – 10 bar	2 bar – 10 bar	0 – 16 Bar
KV-Value	97 l/min@1 Bar	1,11l/min@1 bar	N/A
Nominal Release Temp.	57°C, 68°C, 79°C, 93°C, 141°C	N/A	N/A
Connections	¾" BSP Female	M10 x 1	22 mm press
Materials	Brass CuZn58	SS 303	SS 316
Finish	NiSn	Natural	Natural
Weight	0,60 Kg	0,024 Kg	
Expected Lifetime	10 years		

Installation

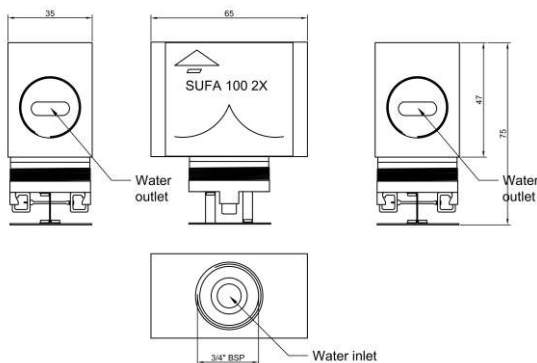
When installed, connected pipes should not be supported by the SUFA valves, rather all pipes should be properly fastened using approved pipe hangers. The valves should only be installed in locations free of vibrations. The SUFA valves should be placed with 50 mm free space between the heat sensitive element and objects near the valve.

The SUFA valves are applicable in both dry pipe and wet pipe systems and can be installed as a medium for pre-action systems; in this case, the valves should be electrically released by fire detection units such as smoke or flame detectors.

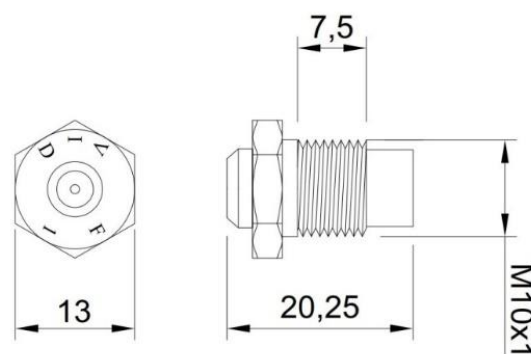
It is recommended to install a monitored stop valve upstream from SUFA Valves as to shut off the supply of water to nozzles after activation.

Dimension

Valve Model SUFA 100 (1X / 2X)



Nozzle Model F1

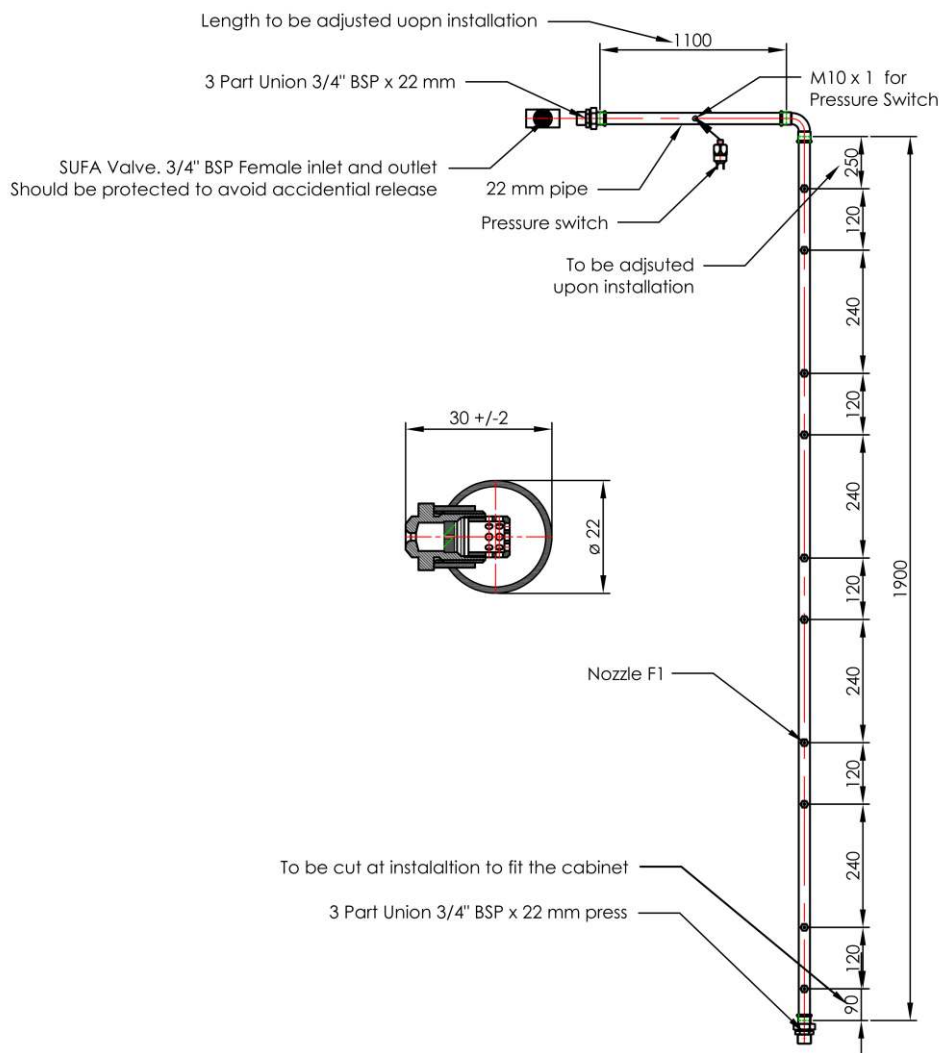


Caution

The SUFA valve contains a sensitive glass bulb which determines the valves triggering temperature. The valves must therefore be handled with great caution. SUFA valves should be inspected and checked on receipt; so that it is confirmed that the glass bulb is intact. Check also that the nominal release temperature is correct. The nominal temperature of the glass bulb may be increased by not more than 30 dgC above the nominal temperature in the area protected. Minimum temperature rating of the glass bulb is however 57 dgC.

Typical pipe. (22 mm press fittings is not a part of the VFK Supply)

Number of nozzles has to be calculated foreach cabinet depending of the cabinet size.



Contact

For further information on FIREKILL™ products, please contact our sales department at Sales@vidfirekill.com

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