



# F-PROTEKKT

Distributor-



## Unique Multi Engineering Ltd.

A Firm of Fire Detection, Protection, Ventilation & Cooling System Solution

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## INTRODUCTION

DeccaLeap Technologies LLP is a start up, incorporated in 2017. The company's objective is to utilise modern technology and innovations and introduce products which will bring progressive improvements into our daily lives.

DeccaLeap Technologies LLP is SPV of "DECCAN WATER TREATMENT PVT. LTD." which was formed in the year 1998 by the first generation entrepreneur Mr. Anirban Sarkar.



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## **PRODUCT**

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DeccaLeap Technologies LLP is proud to introduce its product "F-PROTEKKT" which aims to safeguard the lives of our loved ones. Our product "F- PROTEKKT" signifies "the importance of LIFE". "F- PROTEKKT" provides effective fire protection by automatically detecting and extinguishing automotive fires, thereby preventing loss of life and property.



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# F-PROTEKKT MECHANISM



F-Protekt is installed in the engine of the car



The engine compartment of automobiles has one of the most challenging environments and is prone to increased risk of fire due to electrical arcing, overloaded wiring, hot surfaces, and mechanical sparks.



F-Protekt's unique construction consists of a pressurised heat sensitive tube made of special plastic that can easily detect fire.



When the temperature in the protected bay reaches critical temperature of 120°C, the detection tube melts



At the melted point the, tube creates a hole releasing the entire extinguishing agent stored into the source of the fire and extinguishing it.



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# F-PROTEKKT USES

F-Protekt is a smart system that can be installed in almost all the automotives, thus safe guarding the life of individuals & property.



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# F-PROTEKKT **ADVANTAGES**



Automatic  
activation



Eliminates  
clean-up costs



Protected  
enclosure



Cooling effect



Easy to install



No maintenance

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# F-PROTEKKT TECHNICAL DETAILS

Code

F. 2.0

F. 4.0

Length\* Dia

2m\* 18mm

4m\* 18mm

Agent Capacity

400gms

800gms

Protection Space

0.5m<sup>3</sup>

1.0 m<sup>3</sup>

Pressure at 20°C

2-6 bar

Pressure at 100°C

15 bar

Burst Temperature

120°C

Working Temperature

-40°C to +90° C

Shelf Life of Systems

5 years



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