

**BAVARIA®** Self Actuated Dry Chemical Powder Fire Extinguishing Unit  
Direct / Indirect Low Pressure Operated

Type

# BAVARIA FIRESEARCH-DCP

## Applications:

**T**he BAVARIA  
FIRESEARCH is  
the new  
innovation designed  
for protecting  
inaccessible areas  
and enclosures as  
vehicles control  
panels and machinery  
rooms.



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## **BAVARIA** Self Actuated Dry Chemical Powder Fire Extinguishing Unit

### Direct / Indirect Low Pressure Operated

Type: **BAVARIA FIRESEARCH-DCP**

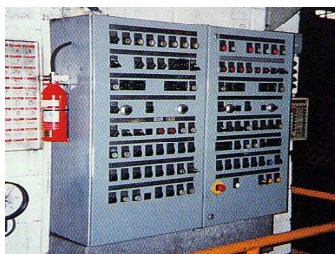
## Theory:

- Specially designed for protecting inaccessible areas or enclosures such as: vehicles, control panels, storage racks and machinery rooms.
- Bavaria firesearch is an automatic fire-seeking and fire fighting unit. It consists of two firesearch flexible polymer tubes pressurized at 8 bar and connected to a dry chemical powder cylinder.
- Automatically actuated upon bursting of the tube at any point along its length due to temperature rise up-to 99°C (210.2°F).
- Drop in tube pressure in the direct low pressure firesearch system discharges the powder directly from the burst tube at the closest point to the fire, which allows the fastest extinguishing time and minimum spread of the fire
- Drop in tube pressure in the indirect low pressure firesearch system discharges the powder via piping network which ends with special nozzle that distribute the powder all over.

## Features:

- Ideal for any application where a potential fire risk is present within an enclosed or confined space by extinguishing fire at its very incipient stage with minimal damage.
- Firesearch automatic fire extinguishing system do not need any external source of energy or electric supply.
- Cost effective as no electrical installation or wiring is required.
- Can be interfaced with an alarm device or system via pressure switch

## STOPS FIRES WHERE THEY START...



## Control Panels



## Machine Rooms



## Boats



## Escalators

## ... .. IN SECONDS!



## **BAVARIA** Self Actuated Dry Chemical Powder Fire Extinguishing Unit Direct / Indirect Low Pressure Operated

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### Features:

- Full chrome-plated brass valve and internal parts for longer serviceability, with two firesearch tubes outlets.
- Equipped with a pressure gauge for instant pressure indication
- Electricity and corrosion-proof protective base
- High quality surface treatment and red polyester coating
- Supplied with a special hanging wall bracket
- Affords highest extinguishing efficiency due to its special multipurpose BAVARIA dry chemical powder (ABC)



TÜV approved pressure vessel

The Company Certified according to Quality, Environment ISO 9001, ISO 14001 and BS-OHSAS 18001 Management Systems  
Bavaria Laboratory Accredited According to the ISO/IEC 17025

### Specifications:

System Type	Direct low Pressure System				Indirect low Pressure System	
Capacity	2 kg	4 kg	6 kg	12 kg	12 kg	25 kg
Fire Classes	ABC				ABC	
Test Pressure	35 bar				35 bar	
Cylinder Bursting Pressure	Over 70 bar				Over 70 bar	
Operating Head	Chrome-plated brass valve				Chrome-plated brass valve	
Discharge Fittings	2x4.5 m firesearch polymer flexible tube				Piping net which ends with special nozzle	
Shell Material	Steel according to DIN EN 10130 and ES 1110					
Tube Bursting Temp. at 8 bar	99 °C (210.2 °F).					
Extinguishing Agent	MAP-based					
Paint Finish	Surface treatment and 100% polyester coating					
Gross Weight	4.2 kg	8.2 kg	10.6 kg	19.8 kg	19.8 kg	85.00

### Warranty:

Period of Warranty	1 Year
Coverage of the Warranty	Against material failure and production defects
Method of Warranty Coverage	Limited to the replacement of the defected part or product after verification that the failure is covered by the scope of the warranty
Warranty Exclusions	Failures due to misuse, mishandling, or inspection or repair by an unauthorized dealer or entity

★The illustrations may show optional extras only available at extra charge. BAVARIA retains the right to alter specifications and illustrations given herein without prior notice. Specifications will only be considered communicated at placing of order.