



# **BAVARIA®** Portable Dry Chemical Powder Fire Extinguisher Internal Cartridge Operated

Type

## TORNADO IC



### APPLICATIONS

BAVARIA TORNADO IC is designed for protecting high hazard areas, such as industrial & commercial complexes, warehouses, residential buildings, and vehicles

### EFFICIENCY

Supreme extinguishing performance rating due to its multipurpose dry chemical powder "BAVARIA Superlative Powder" and easy to use

### RELIABILITY

Robust, functional and permanent reliable technology

### UNIVERSALITY

Suitable for solid and glowing incendiary substances, liquid substances or substances becoming liquid and gaseous substances

### CREDENTIALS

BAVARIA TORNADO IC is approved and certified according to EN3, TÜV, CE, GS and ES 734

### SPEED

Strike button valve in combination of high-quality metering, pistol ensures immediate readiness

### EASY TO HANDLE

Optimized ergonomic grip facilitates easy handling, hose with pistol for high maneuverability and control

### ECONOMY

Low maintenance due to identical components throughout the series

### OPERATION & IMPLEMENTATION

- Simple and easy-to-use release mechanism
- Perfect amount of extinguishing agent due to ergonomically designed head valve & pistol

### QUALITY

BAVARIA is certified according to Quality, Environment and OHSAS Management Systems ISO 9001, ISO 14001 and BS-OHSAS 18001



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Germany - Egypt - Lebanon

2 plants in Europe and Middle East, 250 dealers worldwide

*Together....  
against Fire*



## BAVARIA® Portable Dry Chemical Powder Fire Extinguisher - Internal Cartridge Operated

Type: **TORNADO IC - High Hazard ★★★★★**

### Features:

- Supreme extinguishing rating
- Allows intermittent and repeated operation
- Designed with an aluminum alloy head
- Equipped with a rechargeable internal pressure cartridge
- Operated with a high pressure reinforced rubber hose and pistol for high maneuverability and control
- High quality surface treatment and 100 % red polyester coating
- Electricity and corrosion-proof protective base
- Supplied with a special hanging wall bracket
- Affords the Supreme extinguishing rating due to its multipurpose dry chemical powder "BAVARIA Superlative Powder"
- Suitable for electrical equipment up to 1000 V, at minimum distance 1 m



European Standard DIN/EN3 Certified

The extinguishing media (dry chemical powder) is certified according to the European Norm EN 615

Egyptian Standard ES 734 Certified

TÜV (SÜD Deutschland) Approved Pressure Vessel

Awarded the European (CE) mark and the German Geprüfte Sicherheit (GS) Mark

The Company is Certified according to Quality, Environment and OHSAS Management Systems ISO 9001, ISO 14001 & BS-OHSAS 18001

Bavaria Laboratory Accredited According to the ISO/IEC 17025

### Technical Specifications:

Capacity	6 kg	9 kg	12 kg
Extinguishing Rating	43A 233B C (+R)*	55A 233B C (+R)*	55A 233B C (+R)*
Operating Temperature Range	-30 °C to +60 °C	-30 °C to +60 °C	-30 °C to +60 °C
Testing Pressure	35 bar	35 bar	35 bar
Bursting Pressure	Over 70 bar	Over 70 bar	Over 70 bar
Valve Material	Aluminum alloy head		
Discharge Pistol Material	Special engineered polymer		
Shell Material	DC 04 Steel according to DIN EN 10130		
Extinguishing Agent	MAP-based "BAVARIA Superlative Powder"		
Expellant Gas Weight	140 gm	220 gm	280 gm
Propellant Gas	CO <sub>2</sub>	CO <sub>2</sub>	CO <sub>2</sub>
Paint Finish	Surface treatment and 100% polyester coating		
Approx. Gross Weight	11.7 kg	17.5 kg	19.9 kg
Approx. Unit Dimension (lxwxh) cm	27.5 x 17.5 x 55.0	30.0 x 21.0 x 57.0	26.0 x 20.5 x 69.5

\* (+R) Plus Powder Reserve

\* This product is certified to fully operate at temperatures up to +70 °C according to ES 734 Standard

### Warranty:

Period of Warranty	2 Years
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.