



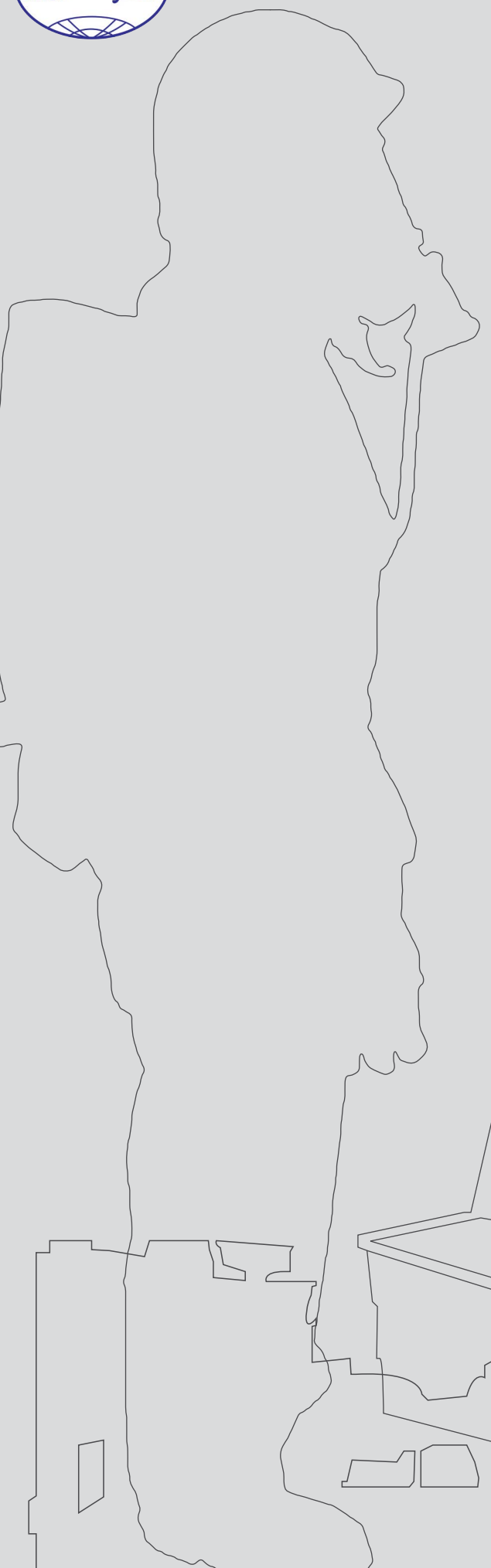
# MOBIAK®

FIREFIGHTING • GASES • MEDICAL est. 1977

www.mobiak.gr

## **FIRE** *fighting* Equipment

Technical Product Catalogue





# INTERNATIONAL SALES NETWORK



\*Factory: Kathiana Akrotiriou  
Chania - Crete - Greece  
[www.mobiak.gr](http://www.mobiak.gr)



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# FIRE EXTINGUISHERS



**BSI**  
**KITEMARK<sup>®</sup>**





# BSI Kitemark® Portable Powder Fire Extinguishers

MBK13-010PA-BSI (0135271)

ABC

8A 34B C

1Kg



Fire Extinguisher **1Kg**  
Dry Powder

- Pressure Gauge Safety Release Valve
- Metallic bracket included



MBK13-020PA-BSI (0135272)

ABC

13A 55B C

2Kg



Fire Extinguisher **2Kg**  
Dry Powder

- Pressure Gauge Safety Release Valve
- Metallic bracket included



MBK13-060PA-BSI (0135273)

ABC

34A 183B C

6Kg



Fire Extinguisher **6Kg**  
Dry Powder

- Pressure Gauge Safety Release Valve
- Metallic bracket included



MBK13-060CARTRIDGE-BSI (0135276)

ABC

34A 183B C

6Kg



Fire Extinguisher **6Kg**  
Dry Powder

- Pressure Gauge Safety Release Valve
- Metallic bracket included



MBK13-090PA-BSI (0135274)

ABC

43A 233B C

9Kg



Fire Extinguisher **9Kg**  
Dry Powder

- Pressure Gauge Safety Release Valve
- Metallic bracket included



MBK13-120PA-BSI (0135275)

ABC

55A 233B C

12Kg



Fire Extinguisher **12Kg**  
Dry Powder

- Pressure Gauge Safety Release Valve
- Metallic bracket included



**MBK17-010PA-VR (0135432)** **1Kg**  
**ABC** **8A 55B C**



**Fire Extinguisher 1Kg**  
 Dry Powder  
 • Pressure Gauge Safety Release Valve  
 • Metallic bracket included



**MBK17-020PA-VR (0135433)** **2Kg**  
**ABC** **13A 89B C**



**Fire Extinguisher 2Kg**  
 Dry Powder  
 • Pressure Gauge Safety Release Valve  
 • Metallic bracket included



**MBK17-040PA-VR (0135434)** **4Kg**  
**ABC** **21A 113B C**



**Fire Extinguisher 4Kg**  
 Dry Powder  
 • Pressure Gauge Safety Release Valve  
 • Metallic bracket included



**MBK17-060PA-VR (0135435)** **6Kg**  
**ABC** **34A 233B C**



**Fire Extinguisher 6Kg**  
 Dry Powder  
 • Pressure Gauge Safety Release Valve  
 • Metallic bracket included



**MBK17-090PA-VR (0135436)** **9Kg**  
**ABC** **43A 233B C**



**Fire Extinguisher 9Kg**  
 Dry Powder  
 • Pressure Gauge Safety Release Valve  
 • Metallic bracket included



**MBK17-120PA-VR (0135437)** **12Kg**  
**ABC** **55A 233B C**



**Fire Extinguisher 12Kg**  
 Dry Powder  
 • Pressure Gauge Safety Release Valve  
 • Metallic bracket included





# BSI Kitemark® Portable Foam Fire Extinguishers

MBK13-020AF-BSI (0135277)

2Lt

FOAM

5A 55B



Fire Extinguisher **2Lt**

Dry Powder

- Pressure Gauge Safety Release Valve
- Metallic bracket included



KM675727

MBK13-060AF-BSI (0135278)

6Lt

FOAM

13A 144B



Fire Extinguisher **6Lt**

Dry Powder

- Pressure Gauge Safety Release Valve
- Metallic bracket included



KM675727



MBK13-090AF-BSI (0135279)

9Lt

FOAM

34A 183B



Fire Extinguisher **9Lt**

Dry Powder

- Pressure Gauge Safety Release Valve
- Metallic bracket included



KM675727

MBK13-090-WT-BSI (0135280)

9Lt

WATER

13A



Fire Extinguisher **9Lt**

Dry Powder

- Pressure Gauge Safety Release Valve
- Metallic bracket included



KM675727



BSI KITEMARK® Portable Foam Fire Extinguishers

MBK13-060CARTRIDGE-BSI (0135276)		6Kg
ABC	34A 183B C	



Fire extinguisher **6kg** Dry Powder with internal gas cartridge

- Metallic bracket is included



MBK16-090CARTRIDGE-BSI (0135400)		9Kg
ABC	55A 233B C	



Fire extinguisher **9kg** Dry Powder with internal gas cartridge

- Metallic bracket is included



MBK16-120CARTRIDGE-BSI (0135401)		12Kg
ABC	43A 183B C	



Fire extinguisher **12kg** Dry Powder with internal gas cartridge

- Metallic bracket is included



MBK16-060CART-AFFF-BSI (0135402)		6Lt
AB	13A 113B	



Fire extinguisher **6Lt** Foam with internal gas cartridge

- Internal Plastic layer
- Metallic bracket is included



MBK16-090CART-AFFF-BSI (0135403)		9Lt
AB	21A 183B	



Fire extinguisher **9Lt** Foam with internal gas cartridge

- Internal Plastic layer
- Metallic bracket is included





**MBK17-020AF-VR (0135444)**

**AB**

**5A 55B**

**2Lt**



Fire Extinguisher **2Lt** Foam

- Internal Plastic Layer
- Pressure Gauge Safety Release Valve.
- Metallic bracket included.



KM675727

**MBK17-020FC-VR (0135447)**

**ABF**

**5A 34B 40F**

**2Lt**



Fire Extinguisher **2Lt** Wet Chemical

- Internal Plastic Layer
- Pressure Gauge Safety Release Valve.
- Metallic bracket included.



KM675727

**MBK17-060AF-VR (0135445)**

**AB**

**21A 144B**

**6Lt**



Fire Extinguisher **6Lt** Foam

- Internal plastic layer
- Pressure Gauge Safety Release Valve.



KM675727

**MBK17-090AF-VR (0135446)**

**AB**

**27A 183B**

**9Lt**



Fire Extinguisher **9Lt** Foam

- Internal plastic layer
- Pressure Gauge Safety Release Valve.



KM675727

**MBK17-060WT-VR (0135448)**

**A**

**13A**

**6Lt**



Fire Extinguisher **6Lt** Water

- Internal plastic layer
- Pressure Gauge Safety Release Valve.



KM675727

**MBK17-090WT-VR (0135449)**

**A**

**21A**

**9Lt**



Fire Extinguisher **9Lt** Water

- Internal plastic layer
- Pressure Gauge Safety Release Valve



KM675727

MBK17-020CA-VR (0135441)		2Kg
B	34B	



Fire Extinguisher **2Kg** CO<sub>2</sub>

- High Strength Front Outlet.
- Metallic bracket is included



KM675727

MBK13-020CA-ALU-BSI (0135284)		2Kg
B	34B	



Aluminium Cylinder

Fire Extinguisher **2Kg** CO<sub>2</sub>

- High Strength Side Outlet.
- Metallic bracket is included



KM594785

MBK13-020CA-BSI (0135281)		2Kg
B	34B	



Aluminium Cylinder

Fire Extinguisher **2Kg** CO<sub>2</sub>

- High Strength Side Outlet.
- Metallic bracket is included



KM594785

MBK13-050CA-BSI (0135282)		5Kg
B	89B	



Aluminium Cylinder

Fire Extinguisher **5Kg** CO<sub>2</sub>

- Metallic bracket is included



KM675727

MBK13-050CA-ALU-BSI (0135283)		5Kg
B	89B	



Fire Extinguisher **5Kg** CO<sub>2</sub>

- Metallic bracket is included



KM675727

MBK17-050CA-VR (0135442)		5Kg
B	89B	



Fire Extinguisher **5Kg** CO<sub>2</sub>

- Metallic bracket is included



KM675727



# BSI Kitemark® CO<sub>2</sub> Portable Fire Extinguishers

BSI KITEMARK® CO<sub>2</sub> Fire Extinguishers

MBK17-050CA-AL-VR (0135443)		5Kg
B	89B	

**Aluminium Cylinder**

Fire Extinguisher **5Kg** CO<sub>2</sub>

- Metallic bracket is included

CE EN3 KM675727

# BSI Kitemark® CO<sub>2</sub> Trolley Fire Extinguishers

MBK14-2X5CO2-AOD (0129008)		10Kg
B	70B	

Trolley Fire Extinguisher **10Kg (2x5Kg)** CO<sub>2</sub> of Two Cylinders (7,5Lt)

- Pressure Gauge Safety Release Valve.
- 5m Discharge Hose
- Heavy Duty Wheels

CE EN1866 KM597953

MBK14 - 100CA - P1A (0129009)		10Kg
B	113B	

Trolley Fire Extinguisher **10Kg** CO<sub>2</sub>

- 5m Discharge Hose
- Heavy Duty Wheels
- Heavy Duty Carriage

CE EN1866 KM597953

2010/35/EU(π) EN1964 - 1  
ISO 9809 - 1

MBK14 - 300CA - P1A (0129010)		30Kg
B	144B	

Trolley Fire Extinguisher **30Kg** CO<sub>2</sub>

- 5m Discharge Hose
- Heavy Duty Wheels
- Heavy Duty Carriage

CE EN1866 KM597953

2010/35/EU(π)  
ISO 9809 - 1

All CO<sub>2</sub> Trolley Fire Extinguishers are also available with 8 meter discharge hose upon request

BSI KITEMARK® CO<sub>2</sub> Fire Extinguishers

MBK14-250PA-H1B (0135334)

ABC

A IIB C

25Kg



- Trolley Fire Extinguisher  
**25Kg** Dry Powder
- Pressure Gauge Safety Release Valve.
  - 5m Discharge Hose
  - Heavy Duty Wheels



MBK14-500PA-H1B (0135335)

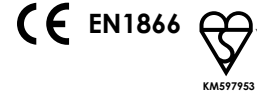
ABC

A IIB C

50Kg



- Trolley Fire Extinguisher  
**50Kg** Dry Powder
- Pressure Gauge Safety Release Valve.
  - 5m Discharge Hose
  - Heavy Duty Wheels



MBK14-250AF-W1A (0135292)

AB

A IB

25Lt



- Trolley Fire Extinguisher  
**25Lt** Foam
- Pressure Gauge Safety Release Valve.
  - 5m Discharge Hose
  - Heavy Duty Wheels



**VESSEL**  
WITH INTERNAL  
PLASTIC LAYER

MBK14-500AF-W1A (0135336)

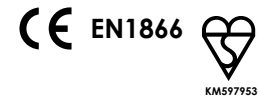
AB

A IIB

50Lt



- Trolley Fire Extinguisher  
**50Lt** Foam
- Pressure Gauge Safety Release Valve.
  - 5m Discharge Hose
  - Heavy Duty Wheels



**VESSEL**  
WITH INTERNAL  
PLASTIC LAYER

MBK17-500PA-EXT-VR (0135440)

ABC

A IIB C

50Kg



- Trolley Fire Extinguisher  
**50Kg** Dry Powder
- External cartridge.
  - 5m Discharge Hose
  - Heavy Duty Wheels



MBK14 - 500AF - EXT (0135324)

AB

A IVB

50Lt



- Trolley Fire Extinguisher  
**50Lt** Foam
- External cartridge
  - 5m Discharge Hose
  - Heavy Duty Wheels

**VESSEL**  
WITH INTERNAL  
PLASTIC LAYER



KM597953



The body shower contains Water with **sterile solution for use on humans**. Water has the ability to cool and remove the intensity of the heat from the affected skin, whereas the antiseptic factor complements with its germicidal action to the prevention of all possible infections until the person is transferred for further medical assistance.

The antiseptic agent also offers additional reassuring in the quality of the drinking Water used on the burned skin.

The product is used like a common fire extinguisher. It can be even used by the victim itself if his condition allows for it & it is addressed exclusively as an immediate relief and not as a medical treatment of burn healing.

# MED FIRE EXTINGUISHER



EN 15154-3



MBK12 - MEDFIRE (0501073)

6Lt

## 6LT BODY SHOWER FOR INITIAL TREATMENT OF THERMAL AND CHEMICAL BURNS

Body shower 6lt Sterile Solution

- Metallic bracket is included
- Special Discharge nozzle

**VESSEL**  
WITH INTERNAL  
PLASTIC LAYER



# COMPOSITE KEVLAR FIRE EXTINGUISHER



KM 594785

**MBK15 - BRIT - P50P6 (0135363)**

**6Kg**

**ABC 34A 183B C**



Fire Extinguisher **6kg** Dry Powder,  
 • 2 manometers  
 • Kevlar Cylinder  
 • Magnet for pressure check  
 • Metallic bracket is included.

10 Years  
 Maintenance  
**FREE**



**MBK15 - BRIT - P50P9 (0135364)**

**9Kg**

**ABC 43A 233B C**



Fire Extinguisher **9kg** Dry Powder,  
 • 2 manometers  
 • Kevlar Cylinder  
 • Magnet for pressure check  
 • Metallic bracket is included.

10 Years  
 Maintenance  
**FREE**



**MBK15 - BRIT - P50F6 (0135365)**

**6Lt**

**AB 27A 183B**



Fire Extinguisher **6Lt** Foam,  
 • 2 manometers  
 • Kevlar Cylinder  
 • Magnet for pressure check  
 • Metallic bracket is included.

10 Years  
 Maintenance  
**FREE**



**MBK15 - BRIT - P50F9 (0135366)**

**9Lt**

**AB 34A 233B**



Fire Extinguisher **9Lt** Foam,  
 • 2 manometers  
 • Kevlar Cylinder  
 • Magnet for pressure check  
 • Metallic bracket is included.

10 Years  
 Maintenance  
**FREE**





# UL FIRE EXTINGUISHER



Dry-chemical Extinguishers, Hand and Wheeled

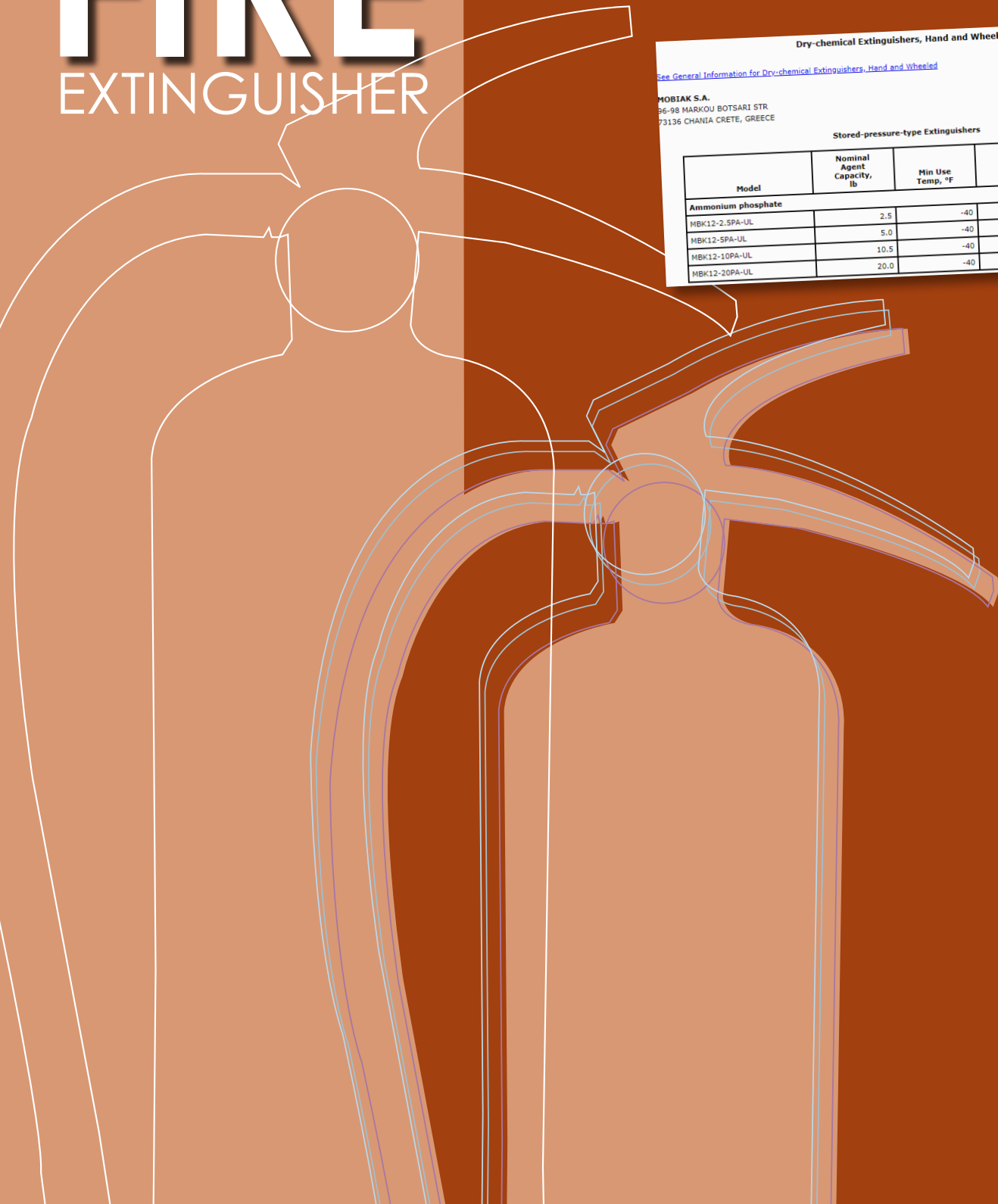
See General Information for Dry-chemical Extinguishers, Hand and Wheeled

EX26851

MOBIK S.A.  
56-98 MARKOU BOTSARI STR  
73136 CHANIA CRETE, GREECE

Stored-pressure-type Extinguishers

Model	Nominal Agent Capacity, lb	Min Use Temp, °F	Rating	Marine Type
<b>Ammonium phosphate</b>				
MBK12-2-SPA-UL	2.5	-40	1-A:10-B:C	No
MBK12-5PA-UL	5.0	-40	3-A:30-B:C	No
MBK12-10PA-UL	10.5	-40	4-A:60-B:C	No
MBK12-20PA-UL	20.0	-40	6-A:80-B:C	No





**MBK12 - 2.5PA - UL (0135261)**

**ABC 1A 10B C**

**2.5lb**



- Fire Extinguisher 2.5lb**  
Dry powder
- Pressure Gauge Safety Release Valve
  - Stainless steel valve.
  - Metallic bracket is included.



**MBK12 - 5PA - UL (0135262)**

**ABC 3A 30B C**

**5lb**



- Fire Extinguisher 5lb**  
Dry powder
- Pressure Gauge Safety Release Valve
  - Stainless steel valve.
  - Metallic bracket is included.



**MBK12 - 10PA - UL (0135263)**

**ABC 4A 60B C**

**10lb**



- Fire Extinguisher 10lb**  
Dry powder
- Pressure Gauge Safety Release Valve
  - Stainless steel valve.
  - Metallic bracket is included.



**MBK12 - 20PA - UL (0135264)**

**ABC 6A 80B C**

**20lb**



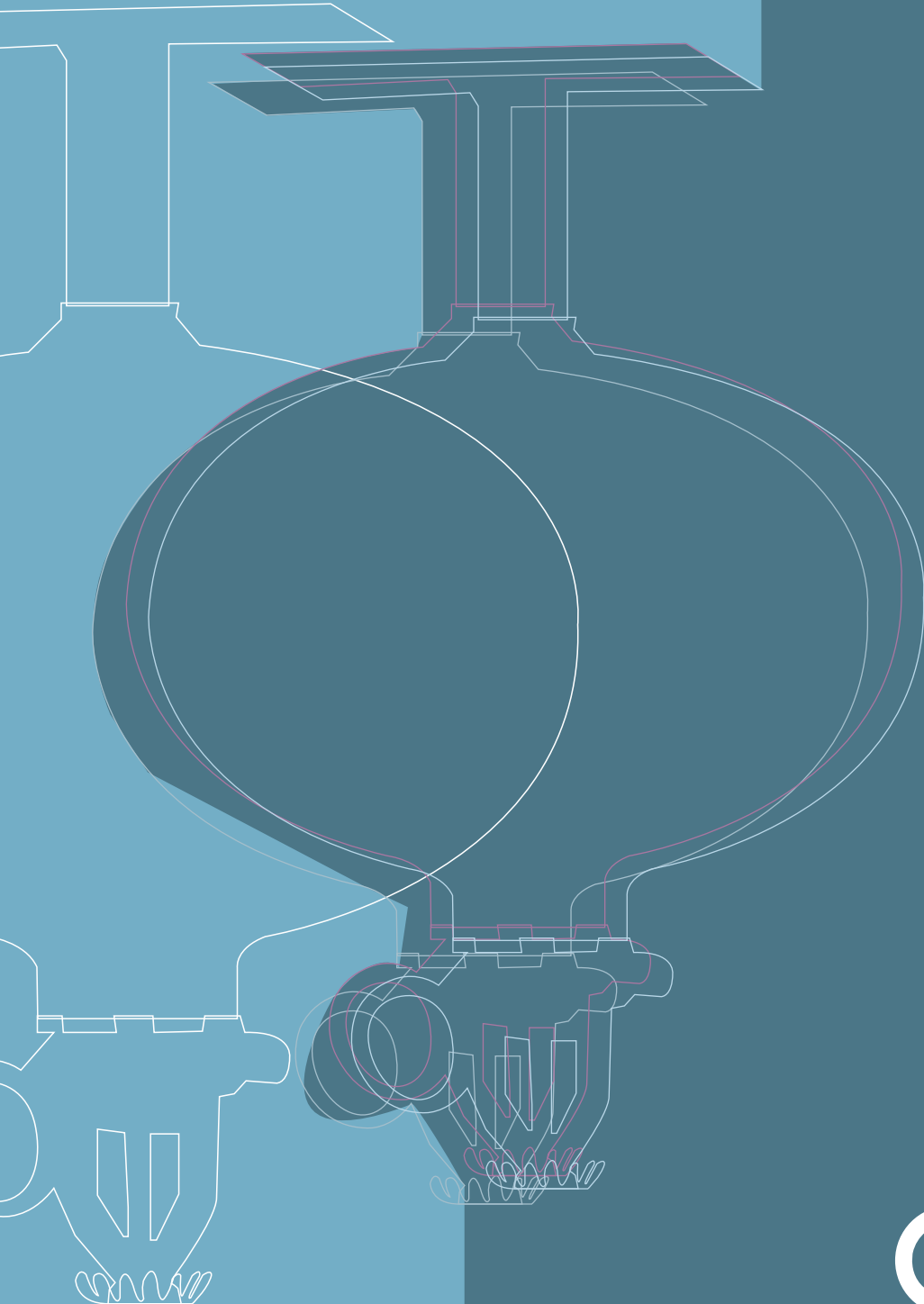
- Fire Extinguisher 20lb**  
Dry powder
- Pressure Gauge Safety Release Valve
  - Stainless steel valve.
  - Metallic bracket is included.





# POWDER CEILING

FIRE EXTINGUISHERS



CE

WITH PRESSURE SWITCH



**MBK15 - ACE1 - A0 (0135163)**

**ABC40%**

**1Kg**

**MBK15 - ACE3 - A0 (0135164)**

**ABC40%**

**3Kg**



**Automatic Ceiling 1Kg**  
Fire Extinguisher with Sprinkler  
Protective Cage (not included).  
• 68°C Sprinkler  
• Height 25cm.  
• Diameter 16cm

**CE SPRINKLER**  
ACCORDING TO ART.4(3) OF PED



**Automatic Ceiling 3Kg**  
Fire Extinguisher  
• 68°C Sprinkler  
• Height 27,6cm  
• Diameter 24cm

**CE SPRINKLER**  
FOR THE ASSEMBLY

**MBK15 - ACE6 - A0R (0135121)**

**ABC40%**

**6Kg**

**MBK15 - ACE12 - A0M (0135173)**

**ABC40%**

**12Kg**



**Automatic Ceiling 6Kg**  
Fire Extinguisher.  
• 68°C Sprinkler  
• Height 40,5cm  
• Diameter 21,3cm

**CE SPRINKLER**  
FOR THE ASSEMBLY



**Automatic Ceiling 12Kg**  
Fire Extinguisher.  
• 68°C Sprinkler  
• Height 37cm  
• Diameter 30,2cm

**CE SPRINKLER**  
FOR THE ASSEMBLY

**KX11 - ACE - ADB (0114052)**

Adjustable Length Bracket suitable for multi height installation of Automatic Ceiling Fire Extinguishers. Mounting of the Automatic Ceiling Fire Extinguisher with bolt and nut.  
• Length from 80-150cm.



**MBK14 - CEILING - PRESS (0141130)**

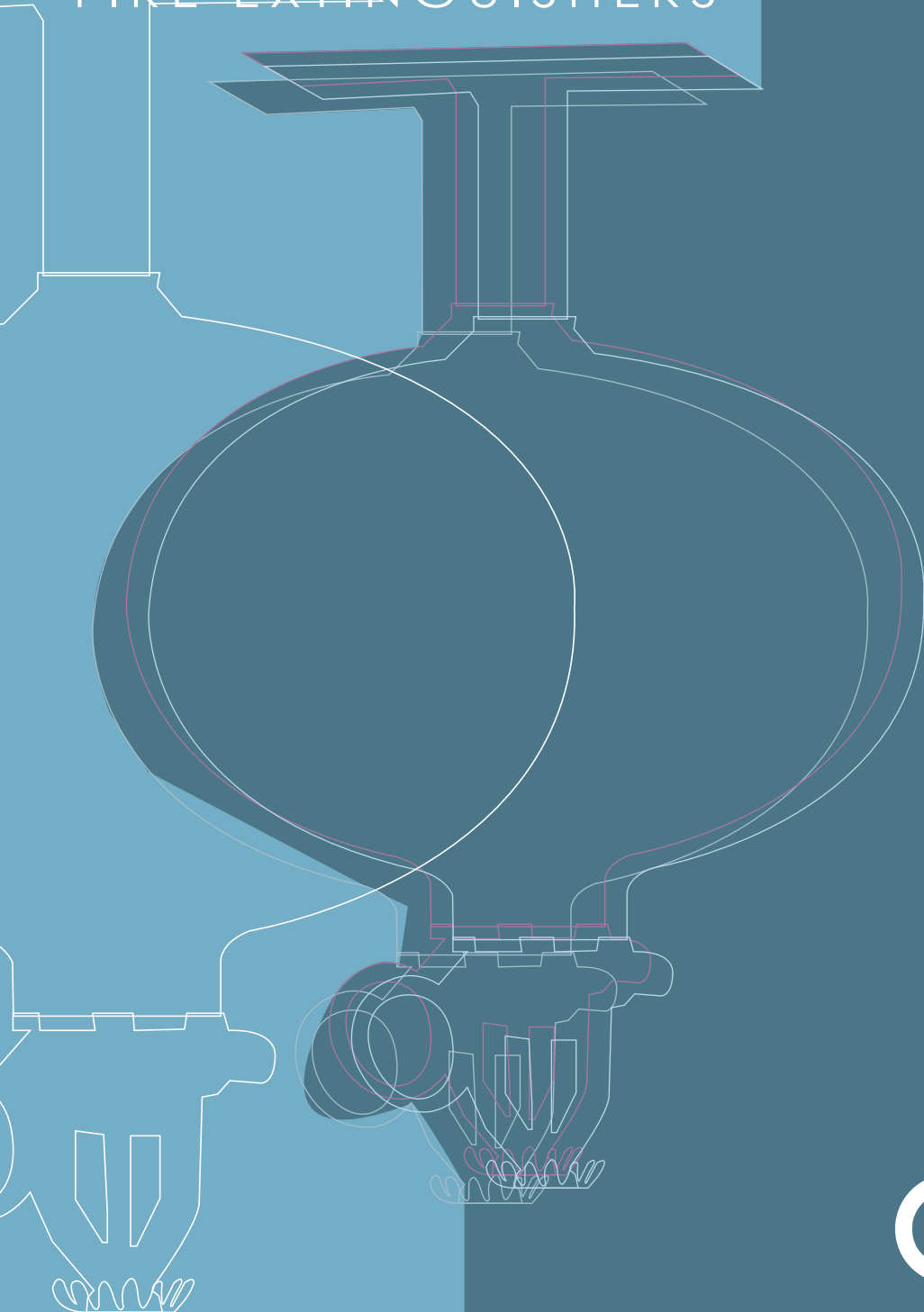
Pressure Switch for Ceiling Fire Extinguishers





# HFC-227ea CLEAN AGENT CEILING

FIRE EXTINGUISHERS



CE

WITH PRESSURE SWITCH

*Environmentally  
Responsible  
Choice!*



**MBK17-HFC-17** (0135424)

**1,7Kg**



Automatic Ceiling  
**1,7Kg HFC-227ea**  
Fire Extinguisher with Sprinkler  
Protective Cage (not included).  
• 68°C Sprinkler  
• Height 25cm.  
• Diameter 16cm

**CE SPRINKLER**

**MBK17-HFC-45** (0135425)

**4,5Kg**



Automatic Ceiling  
**4,5Kg HFC-227ea**  
Fire Extinguisher  
• 68°C Sprinkler  
• Height 27,6cm  
• Diameter 24cm

**CE SPRINKLER**

**MBK17-HFC-8** (0135426)

**8Kg**



Automatic Ceiling  
**8Kg HFC-227ea**  
Fire Extinguisher.  
• 68°C Sprinkler  
• Height 40,5cm  
• Diameter 21,3cm

**CE SPRINKLER**

**MBK17-HFC-14** (0135427)

**14Kg**



Automatic Ceiling  
**14Kg HFC-227ea**  
Fire Extinguisher.  
• 68°C Sprinkler  
• Height 37cm  
• Diameter 30,2cm

**CE SPRINKLER**

**KX11 - ACE - ADB** (0114052)



Adjustable Length Bracket suitable for multi height installation of Automatic Ceiling Fire Extinguishers. Mounting of the Automatic Ceiling Fire Extinguisher with bolt and nut.  
• Length from 80-150cm.

**MBK14 - CEILING - PRESS** (0141130)

Pressure Switch for Ceiling Fire Extinguishers



HFC-227ea Clean Agent Fire Extinguisher

A/A	Capacity	Pressure	Dimensions	Discharge Time Act.	Temp.	Protected Volume
1	1,7Kg HFC-227ea	15Bar at 20°C	250 x 160mm	Less than 15 seconds	68°C	1.2m³ of Free Space
2	4,5Kg HFC-227ea	15Bar at 20°C	350 x 260mm	Less than 15 seconds	68°C	3.15m³ of Free Space
3	8Kg HFC-227ea	15Bar at 20°C	450 x 220mm	Less than 25 seconds	68°C	5.6m³ of Free Space
4	14Kg HFC-227ea	15Bar at 20°C	440 x 310mm	Less than 25 seconds	68°C	10m³ of Free Space



# HOSE REELS & CABINETS

**Fire Hose, Lined, Uncoupled, for Municipal and Industrial Use**

[See General Information for Fire Hose, Lined, Uncoupled, for Municipal and Industrial Use](#)

**MOBIAK S.A.**  
96-98 MARKOU BOTSARI STR  
73136 CHANIA CRETE, GREECE

Double jacketed fire hose, 1-1/2 and 2-1/2, in. for service test pressure of 300 psig.

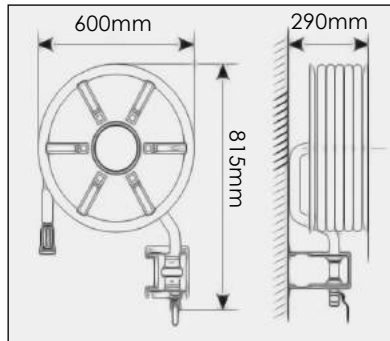


**MBK14 - SJR - 01A (0139032)**

**>1"**

**30m**

**EN671-1**



Wall Mounted MANUAL swinging  
Hose Reel with Fire Hose 1", **30m**.  
Nozzle.

Min. Cabinet Size  
(WxHxD): 915x775x310mm

**Ready to use**



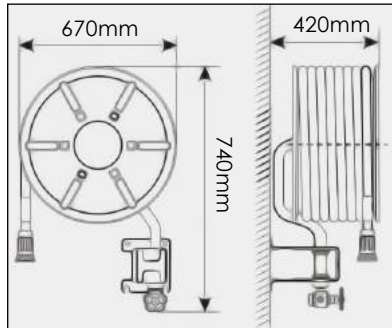
**CERTIFIED ACCORDING TO  
CPR (CE 305/2011/EU &  
EN671-1:2012**

**MBK10 - SJR - 01B (0139011)**

**>1,3"**

**30m**

**EN671-1**



Wall Mounted MANUAL swinging  
Hose Reel with Fire Hose 1,3", **30m**.  
Nozzle.

Min. Cabinet Size  
(WxHxD): 915x775x450mm

**Ready to use**



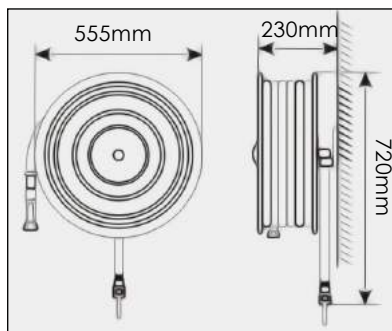
**CERTIFIED ACCORDING TO  
CPR (CE 305/2011/EU &  
EN671-1:2012**

**MBK10 - SJR - 02A (0139012)**

**>3/4"**

**30m**

**EN671-1**



Wall Mounted MANUAL  
(Not Swinging) Hose Reel with gauge  
and Fire Hose 3/4", **30m**.  
Nozzle.

Minimum Cabinet Size  
(WxHxD): 650x750x240mm

**Ready to use**

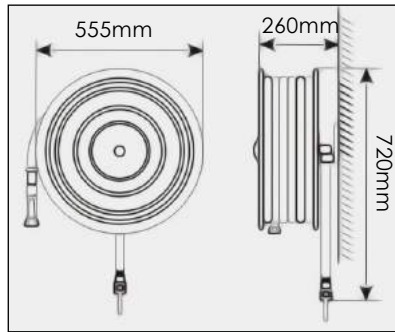


**CERTIFIED ACCORDING TO  
CPR (CE 305/2011/EU &  
EN671-1:2012**

**MBK10 - SJR - 02B (0139017)**

>1"

**30m**



Wall Mounted MANUAL (Not Swinging) Hose Reel with gauge and Fire Hose 1", **30m**. Nozzle.  
Min. Cabinet Size (WxHxD): 650x750x280mm

**Ready to use**

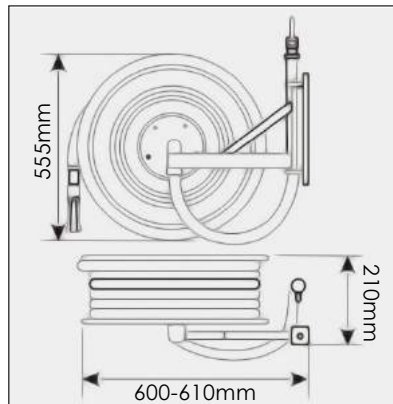


**CERTIFIED ACCORDING TO CPR CE 305/2011/EU & EN671-1:2012**

**MBK14 - SJR - 08A (0139029)**

>3/4"

**30m**



Wall Mounted MANUAL Swinging Hose Reel with Fire Hose 3/4", **30m**. Nozzle.  
Min. Cabinet Size (WxHxD): 700x700x230mm

**Ready to use**

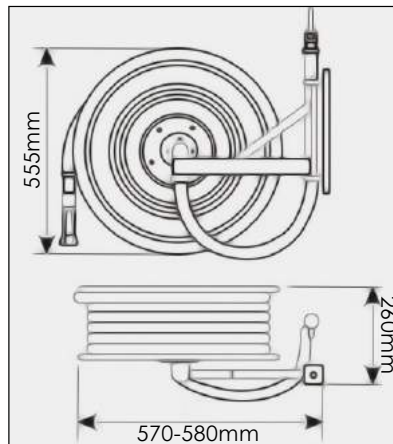


**CERTIFIED ACCORDING TO CPR CE 305/2011/EU & EN671-1:2012**

**MBK14 - SJR - 10B (0139030)**

>3/4"

**30m**



Wall Mounted AUTOMATIC Swinging Hose Reel with Fire Hose 3/4", **30m**. Nozzle.  
Min. Cabinet Size (WxHxD): 700x700x270mm

**Ready to use**



**CERTIFIED ACCORDING TO CPR CE 305/2011/EU & EN671-1:2012**

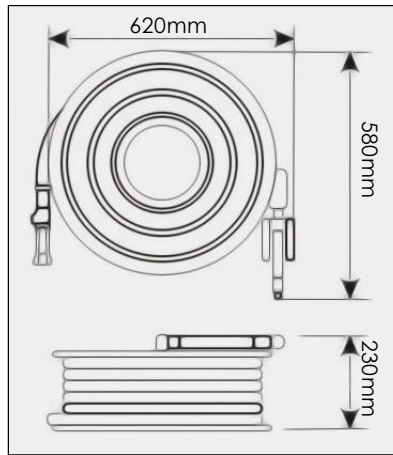


**MBK14 - SJR - 12A (0139031)**

>3/4"

**30m**

**EN671-1**



Wall Mounted **MANUAL** Swinging Hose Reel with Fire Hose 3/4", **30m**. Nozzle.  
Min. Cabinet Size (WxHxD): 700x700x280mm

**Ready to use**



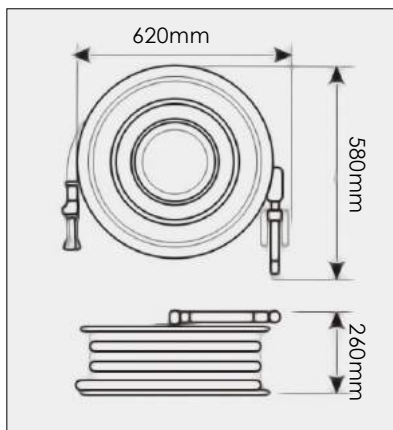
**CERTIFIED ACCORDING TO CPR (€ 305/2011/EU & EN671-1:2012)**

**MBK14 - SJR - 13A (0139033)**

>3/4"

**30m**

**EN671-1**



Wall Mounted **AUTOMATIC** Swinging Hose Reel with Fire Hose 3/4", **30m**. Nozzle.  
Min. Cabinet Size (WxHxD): 700x700x280mm

**Ready to use**



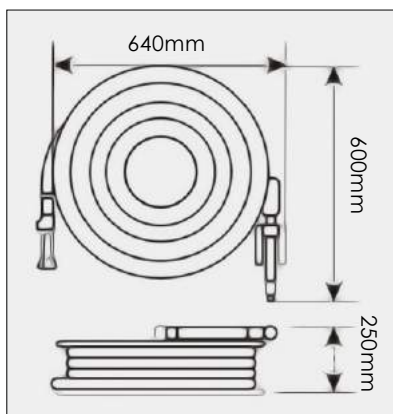
**CERTIFIED ACCORDING TO CPR (€ 305/2011/EU & EN671-1:2012)**

**MBK14 - SJR - 14A (0139034)**

>1"

**30m**

**EN671-1**



Wall Mounted **MANUAL** Swinging Hose Reel with Fire Hose 1", **30m**. Nozzle.  
Min. Cabinet Size (WxHxD): 760x750x280mm

**Ready to use**

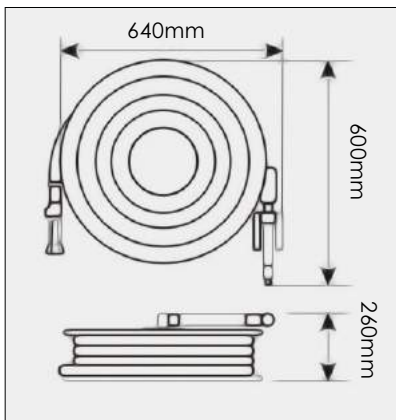


**CERTIFIED ACCORDING TO CPR (€ 305/2011/EU & EN671-1:2012)**

**MBK14 - SJR - 15A (0139035)**

**>1"**

**30m**



Wall Mounted **AUTOMATIC** Swinging Hose Reel with Fire Hose 1", **30m**. Nozzle. Min. Cabinet Size (WxHxD): 760x750x280mm

**Ready to use**

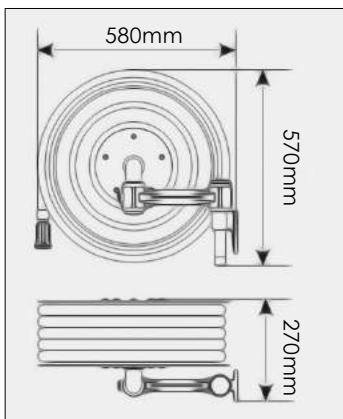


**CERTIFIED ACCORDING TO CPR CE 305/2011/EU & EN671-1:2012**

**MBK10 - SJR - 04A (0139013)**

**>3/4"**

**30m**



Wall Mounted **MANUAL** Swinging Hose Reel with Fire Hose 3/4" **30m**. Nozzle. Min. Cabinet Size (WxHxD): 700x700x300mm

**Ready to use**

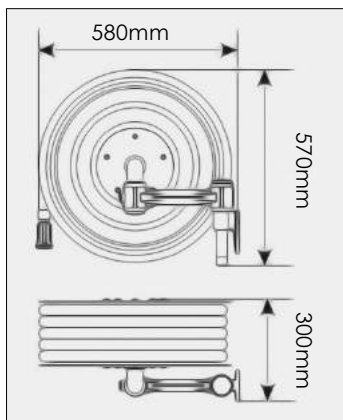


**CERTIFIED ACCORDING TO CPR CE 305/2011/EU & EN671-1:2012**

**MBK14 - SJR - 04B (0139020)**

**>1"**

**30m**



Wall Mounted **MANUAL** Swinging Hose Reel with Fire Hose 1" **30m**. Nozzle. Min. Cabinet Size (WxHxD): 700x700x330mm

**Ready to use**



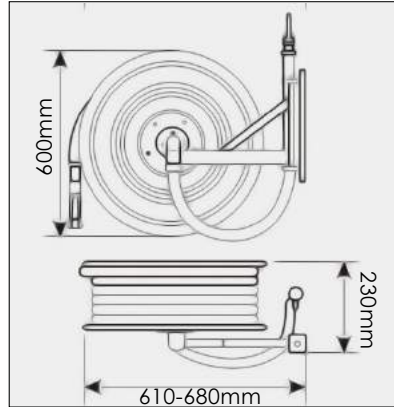
**CERTIFIED ACCORDING TO CPR CE 305/2011/EU & EN671-1:2012**

**MBK10 - SJR - 06B (0139019)**

**>1"**

**30m**

**EN671-1**



Wall Mounted **AUTOMATIC** Swinging Hose Reel with gauge and Fire Hose 1" **30m**. Nozzle.  
Min. Cabinet Size (WxHxD): 700x700x260mm

**Ready to use**



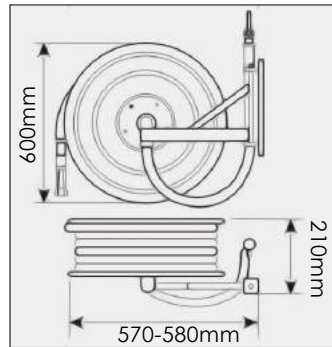
**CERTIFIED ACCORDING TO CPR CE 305/2011/EU & EN671-1:2012**

**MBK10 - SJR - 07B (0139025)**

**>1"**

**30m**

**EN671-1**



Wall Mounted **MANUAL** Swinging Hose Reel with Fire Hose 1" **30m**. Nozzle.  
Min. Cabinet Size (WxHxD): 760x720x230mm

**Ready to use**



**CERTIFIED ACCORDING TO CPR CE 305/2011/EU & EN671-1:2012**

**MBK15 - REEL - COVER (0133044)**

**>1"**

**>3/4"**

Nylon Protective Hose Reel cover for use on wall mounted Hose reels.

UV - Protection



## Fire Hose Cabinets

**MBK10 - SJC - 09A (0132076)**

**30m**

**EN671-1**

Double Compartment Fire Hose cabinet - complete automatic hose reel with hose 3/4" (30m).  
(WxHxD): 1.400x700x300mm

**CERTIFIED ACCORDING TO EN671 from LPCB**

**MBK10 - SJC - 09B (0132081)**

**30m**

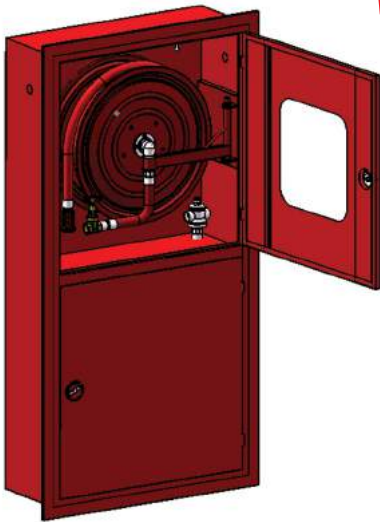
**EN671-1**

Double Compartment Fire Hose cabinet - complete automatic hose reel with hose 1" (30m).  
(WxHxD): 1.500x780x250mm

**CERTIFIED ACCORDING TO EN671 from LPCB**



**SPECIAL DIMENSION CABINETS  
ARE AVAILABLE UPON REQUEST**



- Surface or Wall Mounted Type
- Single Compartment or Double Compartment
- Available Material: Mild Steel, Stainless Steel 304, Stainless steel 316 or combination of them
- Available Metal Thickness before Coating: 0,8mm to 1,5mm
- Different Types of Hinges
- Different Types of Locks
- Available choice of glass in the doors (grid or plain)
- With or without installed Types of Hose Reel (manual or automatic – 3/4" or 1")
- Silkscreen Text for Cabinet Door as per request
- Carton Box Printing for Cabinet as per request

## Breaching Inlet Cabinets

**MBK17 - 144D - 00**

**MBK17 - 144D - 00 - E**

**MBK17 - 144E - 00**

**MBK17 - 144E - 00 - E**



Product Code	Type		Length(mm)	Height (mm)	Depth (mm)
MBK17 - 144D - 00	1.2-Way Breaching Inlet	Mild Steel	595	395	295
MBK17 - 144D - 00 - E	2.4-Way Breaching Inlet	Stainless Steel	595	595	295
MBK17 - 144E - 00	3.2-Way Breaching Inlet	Mild Steel	595	395	295
MBK17 - 144E - 00 - E	4.4-Way Breaching Inlet	Stainless Steel	595	595	295

### MBK15 - CABFOAM - SPARTAN (0132110)

High Rates on A and B Fire Classes.  
Ergonomic design for easy use by one Operator.  
Highly effective product for Gas Stations, Petrochemical Factories, Industrial Facilities, Warehouses and generally for all areas where protection is required due to fires of Classes A and B.  
The top of the Cabinet is designed for outdoor mounting.  
Environmental Friendly Foam.



**DIMENSIONS**  
(Height x Width x Depth): 1120 x 700 x 300 mm

#### Specifications & Contents

- Construction material: Galvanized Steel 1.2mm - Electrostatic Paint RAL3000
- Hose Reel with arm Bracket
- Stainless Steel Pipe 2" for Water Supply
- Brass Angle Valve 2"
- Foam Mixer with Flow rate 400lt / min with Aluminium Storz Couplings 2"
- Foam Suction Hose with Filter made of a rigid material.
- Foam nozzle 2" with Aluminium Storz Couplings 2".
- High Quality Hose 2", 30m, WP: 8Bar bounded with Aluminium Storz couplings 2"
- Two Foam Canisters 25lt

Environmentally  
Responsible  
Choice!

Upon Special  
Request, the Cabinet  
can be offered with  
Different Type of  
Foam and size of Fire  
Hose!

Foam Cabinet - "SPARTAN"

## Trolley Foam Generator

### MBK05 - 100AF - W2A (0103009)

Trolley Foam Generator is, suitable for special Occasions and Urgent Fire Suppression Needs, where conventional extinguishers may prove ineffective. The Foam generator must be connected to Water Supply. It is suitable for use in Fuels, Colors, Dissolvers and other Flammable liquids.

#### Including:

- Plastic Tank with 100Lt condensed Foam of content upon request (1,5%, 3% or 6%) FOAM IS NOT INCLUDED
- Vessel is incorporated to plastic ergonomic trolley carriage with 2 heavy duty wheels
- Foam - Water Mixer made of Aluminum. Max flow rate: 400lt/min. Approx. Weight: 2.40Kg. Thread: 2" male.
- Foam suction hose fitted to the mixer with filter. Thread: 1". Length: 1,5mm
- Foam - Water discharge nozzle made of Aluminum with Flow Switch and Lever. WP: 16bar. TP: 24bar. Weight: 2.70Kg. Length: 680mm. Thread: 2" BSP.
- Max flow rate: 215Lt/min at 5bar.
- 2 Fire hoses upon request with technical characteristics of your choice
- Couplings upon request to be fitted to the fire hoses.





# UL HOSES



## Dry-chemical Extinguishers, Hand and Wheeled

[See General Information for Dry-chemical Extinguishers, Hand and Wheeled](#)

EX26851

MOBIAK S.A.  
96-98 MARKOU BOTSARI STR.  
73136 CHANIA CRETE, GREECE

### Stored-pressure-type Extinguishers

Model	Nominal Agent Capacity, lb	Min Use Temp, °F	Rating	Marine Type
Ammonium phosphate				
	2.5	-40	1-A:10-B:C	No
MBK12-2.SPA-UL	5.0	-40	3-A:30-B:C	No
MBK12-5PA-UL	10.5	-40	4-A:60-B:C	No
MBK12-10PA-UL		-40	6-A:80-B:C	No
MBK12-20PA-UL	20.0	-40		



## UL Fire Fighting Hoses

This Double Jacket hose is constructed of high tensile strength polyester yarns, lined with a high-tech EPDM tube. Its engineered design guarantees minimum weight with maximum durability and flexibility.

The Jacket shall be evenly and firmly woven and free from visible defects, thread knots, lumps and irregularities of twist.

Manufactured in accordance with National Fire Protection Association (NFPA) 1961 standard, latest edition, within our ISO-9001 Certified quality management system.

The polyester construction is mildew & rot-proof, outstanding abrasion resistance with our innovative Wisentec™ coating, tough, dependable and light weight.

### Construction:

Double Jacket, polyester spun as warp and filament polyester as weft / filler, EPDM liner.

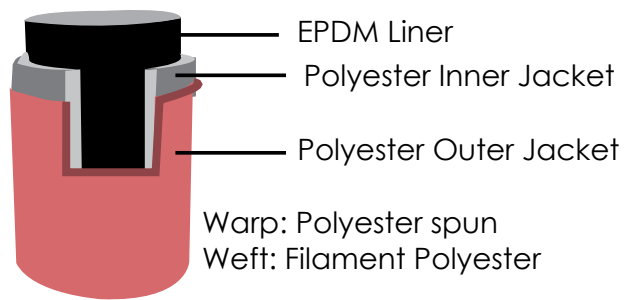
### Application:

Municipal Fire Brigades.

### Color:

White

**Upon request, the Fire Hoses can be offered in any size and with Protection Sleeves & Couplings of your choice!**



MBK14 - ULHOSE21 - 112 (0102240)

>1½" 21bar

20m



KX19 - 002 - 00 (0102124)

>1½" 410gr/m 14bar

20m



MBK14 - ULHOSE21 - 212 (0102241)

>2½" 21bar

20m



KX19 - 002B - 00 (0102125)

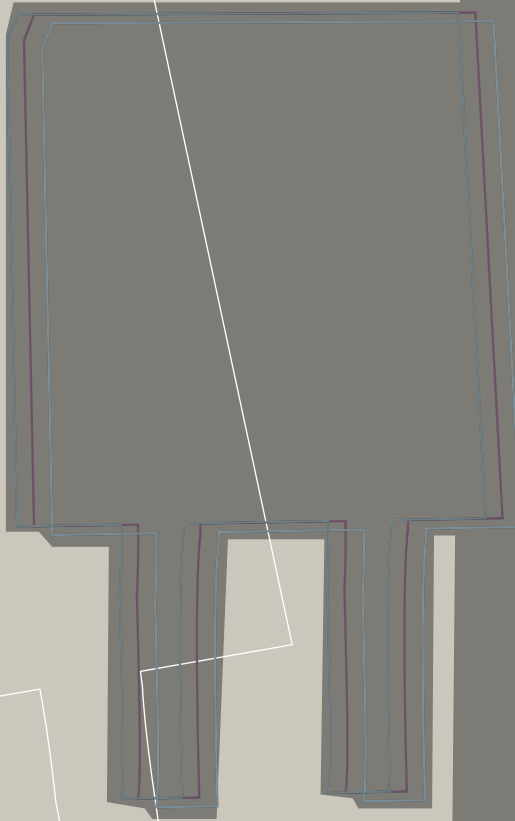
>2½" 475gr/m 14bar

20m

UL HOSES



# FIRE BLANKETS



# BSI KITEMARK®







**MBK13 - BLANKET - 1111 - BSI (0105027)**

**1,1x1,1m**

Fire blanket 1,1x1,1m in Hard PVC box.  
**Certified by BSI according EN 1869.**



KM608739



**MBK13 - BLANKET - 1212 - BSI (0105028)**

**1,2x1,2m**

Fire blanket 1,2x1,2m in Hard PVC box.  
**Certified by BSI according EN 1869.**



KM608739



**MBK13 - BLANKET - 1218 - BSI (0105029)**

**1,2x1,8m**

Fire blanket 1,2x1,8m in Hard PVC box.  
**Certified by BSI according EN 1869.**



KM608739



# SPRINKLERS

& Relative Equipment



**KX04 - 042 - 00 (0126024)**

**1/2" K: 80,6 Pendent**



Nickel plated, 1/2", 68°C  
**UL CERTIFIED**

**MBK06 - ST - 68UL (0126031)**

**1/2" K: 80,6 Upright**



Nickel plated, 1/2", 68°C  
**UL CERTIFIED**

**MBK13 - SP - SIDE - UL68 (0126062)**

**1/2" K: 80,6 Wall Mounted**



Nickel plated, 1/2", 68°C  
**UL CERTIFIED**

**KX04 - 042 - 00 - WHITE (0126058)**

**1/2" K: 80,6 Pendent**



White, 1/2", 68°C  
**UL CERTIFIED**

**MBK10 - RECESSED (0126051)**

**3/4"**



Recessed Sprinkler 68°C  
**UL / FM CERTIFIED**

**MBK10 - DH80 (0126052)**

**3/4" Pendent**



Sprinkler 68°C  
**UL / FM CERTIFIED**



All sprinklers are provided with a plastic protective case. You have to remove it after installation.



# VALVES

## & Relative Equipment



See General Information for Butterfly Valves

**MOBIAK S.A.**  
96-98 MARKOU BOTSARI STR  
73136 CHANIA CRETE, GREECE

Model	Size, NPS	Body Type	Pressure Rating, psig (Bar)	Indicator Post	Supervisory Switch*
Butterfly valve	2, 2.5 (76.1mm), 2.5, 3, 4, 5, 5 (139.7 mm), 6, 6 (165.1 mm)	Groove	300	—	I, O
	—			I, O	
	—			I, O	
	—			I, O	
MBK17-GD-381X	8, 8 (216.3 mm), 10, 10 (267.4 mm)	Wafer	300	—	I, O
	12, 12 (318.4 mm)			—	I, O
	2, 2.5, 3, 4, 5, 6			—	I, O
	8, 10			—	I, O
MBK17-WD-371X	12			—	I, O
				—	I, O

\* I = Indoor installation; O = Outdoor installation


















## MBK17-GD-381X Grooved Type Butterfly Valve



### Technical Specifications:

- Maximum Working Pressure: 300PSI (Max. Test Pressure: 600PSI)
- Maximum Working Temperature: 250 °F (120°C)
- Application: Indoor and Outdoor Use
- Double-Seal Disc: Resilient EPDM Coated
- Factory Installed Supervisory Tamper Switch Assembly

Carried Standard	
Design Standard	API609
Groove Standard	ANSI/AWWA C606
Top flange Standard	ISO5211
Test Standard	FM1112/UL1091

SIZES								
2"	2-1/2"	3"	4"	5"	6"	8"	10"	12"
								
								


















## MBK17-WD-371X Wafer Type Butterfly Valve



### Technical Specifications:

- Maximum Working Pressure: 300PSI (Max. Test Pressure: 600PSI)
- Maximum Working Temperature: 250 °F (120°C)
- Application: Indoor and Outdoor Use
- Double - Seal Disc: Resilient EPDM Coated
- Factory Installed Supervisory Tamper Switch Assembly

Carried Standard	
Design Standard	API609
Face to Face Standard	ASME B16.10
Top flange Standard	ISO5211
Test Standard	FM1112/UL1091























SIZES								
2"	2-1/2"	3"	4"	5"	6"	8"	10"	12"
								
								

## MBK17-Z41 200PSI-OS&Y Type Flanged End Gate Valve



### Technical Specifications:

- Design Standard: AWWA C515
- Nominal Pressure: 200PSI
- Flange Standard: ASME/ANSI B16.1 Class 125 or ASME/ANSI B16.42 Class 150 or BS EN1092-2 PN16 or GB/T9113.1
- Epoxy resin coating both inside & outside the body

SIZES										
2"	2-1/2"	3"	4"	5"	6"	8"	10"	12"	14"	16"
										
										





















**MBK17-Z81**

## 200PSI-OS&Y Type Grooved End Gate Valve



### Technical Specifications:

- Design Standard: AWWA C515
- Nominal Pressure: 200PSI
- Groove Standard: Metric or AWWA C606
- Epoxy resin coating both inside & outside the body

SIZES									
2"	2-1/2"	3"	4"	5"	6"	8"	10"	12"	
									
									
LISTED	LISTED	LISTED	LISTED	LISTED	LISTED	LISTED	LISTED	LISTED	LISTED





















**MBK17-Z481**

## 200PSI-OS&Y Type FlangedxGrooved End Gate Valve



### Technical Specifications:

- Design Standard: AWWA C515
- Nominal Pressure: 200PSI
- Flange Standard: ASME/ANSI B16.1 Class 125 or ASME/ANSI B16.42 Class 150 or BS EN1092-2 PN16 or GB/T9113.1
- Groove Standard: Metric or AWWA C606
- Epoxy resin coating both inside & outside the body

SIZES									
2"	2-1/2"	3"	4"	5"	6"	8"	10"	12"	
									
									
LISTED	LISTED	LISTED	LISTED	LISTED	LISTED	LISTED	LISTED	LISTED	LISTED





















**MBK17-Z45**

## 200PSI-NRS Type Flanged End Gate Valve with Round Plate



### Technical Specifications:

- Design Standard: AWWA C515
- Nominal Pressure: 200PSI
- Flange Standard: ASME/ANSI B16.1 Class 125 or ASME/ANSI B16.42 Class 150 or BS EN1092-2 PN16 or GB/T9113.1
- Epoxy resin coating both inside & outside the body
- It could be operated by the handwheel

SIZES									
2"	2-1/2"	3"	4"	5"	6"	8"	10"	12"	
									
									
LISTED	LISTED	LISTED	LISTED	LISTED	LISTED	LISTED	LISTED	LISTED	LISTED



















**MBK17-Z85**

## 200PSI-NRS Type Grooved End Gate Valve



### Technical Specifications:

- Design Standard: AWWA C515
- Nominal Pressure: 200PSI
- Groove Standard: Metric or AWWA C606
- Epoxy resin coating both inside & outside the body
- It could also be operated by the handwheel

SIZES								
2"	2-1/2"	3"	4"	5"	6"	8"	10"	12"
								
								



















**MBK17-Z485**

## 200PSI-NRS Type FlangedxGrooved Gate Valve



### Technical Specifications:

- Design Standard: AWWA C515
- Nominal Pressure: 200PSI
- Flange Standard: ASME/ANSI B16.1 Class 125 or ASME/ANSI B16.42 Class 150 or BS EN1092-2 PN16 or GB/T9113.1
- Groove Standard: Metric or AWWA C606
- Epoxy resin coating both inside & outside the body
- It could also be operated by the handwheel

SIZES								
2"	2-1/2"	3"	4"	5"	6"	8"	10"	12"
								
								















**MBK17-Z45-300**

## 300PSI-NRS Type Flanged End Gate Valve



### Technical Specifications:

- Design Standard: AWWA C515
- Nominal Pressure: 300PSI
- Flange Standard: ASME/ANSI B16.1 Class 125 or ASME/ANSI B16.42 Class 150 or BS EN1092-2 PN16 or GB/T9113.1
- Epoxy resin coating both inside & outside the body
- It could be operated by the handwheel

















SIZES						
2-1/2"	3"	4"	5"	6"	8"	10"
						
						

## MBK17-Z41-300 300PSI-OS&Y Type Flanged End Gate Valve



### Technical Specifications:

- Design Standard: AWWA C515
- Nominal Pressure: 300PSI
- Flange Standard: ASME/ANSI B16.1 Class 125 or ASME/ANSI B16.42 Class 150 or BS EN1092-2 PN16 or GB/T9113.1
- Epoxy resin coating both inside & outside the body



















SIZES							
2-1/2"	3"	4"	5"	6"	8"	10"	12"
							
							
LISTED	LISTED	LISTED	LISTED	LISTED	LISTED	LISTED	LISTED

## MBK17-MH-XQH-300 300PSI Flanged End Swing Check Valve



### Technical Specifications:

- Design Standard: AWWA C508
- Nominal Pressure: 300PSI
- Flange Standard: ASME/ANSI B16.1 Class 125 or ASME/ANSI B16.42 Class 150 or BS EN1092-2 PN16 or GB/T9113.1
- Epoxy resin coating both inside & outside the body








SIZES								
2"	2-1/2"	3"	4"	5"	6"	8"	10"	12"
								
								
LISTED	LISTED	LISTED	LISTED	LISTED	LISTED	LISTED	LISTED	LISTED

## MBK17-MH-XQH-350G / MBK17-MH-XQH-350F 350PSI Flanged x Grooved End / Grooved End Swing Check Valve



### Technical Specifications:

- Installed in both horizontal or vertical line with upward flow
- Easier and faster to maintain and install

SIZES						
2"	2.5"	3"	4"	5"	6"	8"
						
LISTED	LISTED	LISTED	LISTED	LISTED	LISTED	LISTED



## MBK17-QSCZG Wall Type Indicator Post



### Technical Specifications:

- Upload the upper cover of control lead
- Measure control lead depth, remove the excess part of connector lead and driving rod
- Fit the control rod with full closed valve, turn the position plate to SHUT position
- Load upper cover















## MBK17-ZSQ Vertical Type Indicator Post



### Technical Specifications:

- Upload the upper cover of control lead
- Measure control lead depth, remove the excess part of connector lead and driving rod
- Fit the control rod with full closed valve, turn the position plate to SHUT position
- Load upper cover

SIZES					
4"	5"	6"	8"	10"	12"
					
					

# Hydrant

















## MBK17-MH-1510FA Dry Barrel Fire Hydrant

## MBK17-MH-1510A



### Technical Specifications:

- Design Standard: AWWA C502
- Nominal Pressure: 250PSI
- One Pumper Nozzle, 4.5-4NH thread.  
Two hose nozzles, 2.5-7.5NH threads.  
Other kinds of threads are available
- Mechanical connector: AWWA/ANSI C153/A21.53 6"
- Flange connector: ASME B16.5 CLASS150/DIN2501 PN16

SIZES							
3'-6"	4'	4' 6"	5"	5' 6"	6"	6' 6"	7'
							
							

## MBK15-VALVE112-UL/FM (0125034)

>1½"

Brazen Angle Landing Valve



## MBK15-VALVE212-UL/FM (0125033)

>2½"

Brazen Angle Landing Valve



## Test & Drain Valve

MBK17 - Y - 4030

MBK17 - Y - 4031

MBK17 - Y - 4032

MBK17 - Y - 4033



Test and drain valve is used to conduct testing and maintenance on sprinkler systems. Thanks to its orifice available with different sizes it creates a flow equivalent to the flow passing along one sprinkler only and enables tests of alarm devices on the lines for checking purposes in the case of a sprinkler water flow. The orifice diameters of the smallest sprinkler and the test drain valve in the system should be equal. It is also used as a drain valve to discharge water in the piping by changing the position of the valve. It includes a sight glass to observe the flow.

### Specifications

Dimensions	1" - 2"/DN25 – DN50
Nominal Pressure	300 psi (20,6 bar)
Working Temperature	-10°C/+120°C
Design	FM 1625-2009, UL258-2004
Thread Design	ISO 228/1, NPT, NPS, BSP

Valves

## Flow Switch

MBK17 - Y - 3004



They are used in sprinkler system to transmit electrical information due to the flow, when a sprinkler head gets activated. Delay units are available to prevent false alarms. Delays up to 90 seconds are possible.

### Specifications

Dimensions	1" - 2" (VSR-S), 2" - 8" (VSR)
Nominal Pressure	350 psi (31 bar)
Working Temperature	+4°C/+49°C
Flow Sensitivity	4 – 10 GPM



## Supervisory Switch

MBK17 - Y - 3008



The OS&Y rising stem gate valve uses the supervisory switch to monitor open/closed positions. With opening or closing of the valve, the switch detects the movement of the stem and transmits a signal electrically.

### Specifications

Dimensions	2"-12"
Working Temperature	-40°C/+60°C
Product Dimensions	15,7L x5,7W x14,6Hcm

## Wet Alarm Valve

MBK17 - Y - 4010



The wet alarm valve is designed for applications where the water is unlikely to freeze. The water staying pressurized in the pipes is released over the fire area after the sprinkler is activated due to fire. The pressurized water system is not only fed continuously, but also fills in the retard chamber. After the chamber is filled, the pressure switch on the chamber is actuated. The pressure switch sends the alarm information to the fire warning system or the automation system. After the pressure switch is actuated, the water is delivered to the water-motor gong and releases a mechanical alarm.

### Specifications

Dimensions	2 ½" - 8"/DN65 - DN200
Nominal Pressure	300 psi (20,6 bar)
Working Temperature	+4°C
Design	FM 1041, UL 262, TS EN 12259-2

## Dry Alarm Valve

MBK17 - Y - 4015



Dry Pipe Sprinkler Systems are designed for applications where piping and sprinklers are subjected to freezing temperatures, such as unheated warehouses, parking garages, store windows, attic spaces, or loading docks. The sprinkler system contains gas instead of water. The dry pipe valve with special clapper keep the pressured water by low air pressure. In case of fire, sprinkler activated and the differential of the system is broke down and it causes to open clapper. After the sprinkler activated by the fire the air in the sprinkler system is discharged from the sprinkler system. The water is sent to location of the fire. By the time clapper opens the water also is sent to pressure switch and the switch send alarm information to fire warning system or automation system. After the switch is activated, the water is delivered to the water-motor gong and releases a mechanical alarm.

### Specifications

Dimensions	4" - 8"/DN100 - DN200
Nominal Pressure	300 psi (20,6 bar)
Flange Connection Standard	EN-1092-2 PN16

## Pressure Relief Valve

MBK17-Y-7010



### Specifications

Dimensions	2" - 8"
Working Temperature	250 Psi (17,2 Bar)
Flanged Dimensions	PN 16 (Corner Type)

## Pressure Reducer Valve

MBK17-Y-7000



### Specifications

Dimensions	2" - 8"
Working Temperature	250 Psi (17,2 Bar)
Flanged Dimensions	PN 16

## Copper Alloy Gate Valves



Product Code	Size	H(mm)	W(mm)	Inlet	Outlet	Operation
<b>MBK06-043A1-00</b>	DN25	118	60	1"BSPT	1"BSPT	Handwheel
<b>MBK06-043A-00</b>	DN25	140	65	1"BSPT	1"BSPT	Lockshield



LPCB ref. No1153Ab

## Low Pressure Landing Valves For Dry Risers



Product Code	Size	H(mm)	W(mm)	Inlet	Outlet
<b>MBK06-201A-00</b>	DN65	255	160	2.5"BSPT	BS336
<b>MBK06-201B-00</b>	DN65	255	140	2.5"BSP(F)	BS336



## LP Landing Valves Oblique Type For Wet Risers



Product Code	Size	H(mm)	W(mm)	Inlet	Outlet
<b>MBK06-198A-00</b>	DN50	210	225	165mm	BS336
<b>MBK06-198A1-00</b>	DN65	210	235	185mm	BS336
<b>MBK06-198B-00</b>	DN65	220	215	2.5"BSPT	BS336
<b>MBK06-198B1-00</b>	DN65	215	215	2.5"BSP(F)	BS336



## LP Landing Valves Right-angle Type For Wet Risers



Product Code	Size	H(mm)	W(mm)	Inlet	Outlet
<b>MBK06-198C-00</b>	DN50	195	210	165mm	BS336
<b>MBK06-198C1-00</b>	DN65	195	220	185mm	BS336
<b>MBK06-198D1-00</b>	DN65	205	200	2.5"BSPT	BS336



LPCB Cert ref. 1153Ae

## Pressure Regulating Valves Bib-nosed Type For Wet Risers



Product Code	Size	H(mm)	W(mm)	Inlet	Outlet
MBK06-199A-00	DN50	380	220	165mm	BS336
MBK06-199A1-00	DN65	380	220	185mm	BS336
MBK06-199B-00	DN65	380	260	2.5"BSPT	BS336



## LP Landing Valves Horizontal Type For Wet Risers



Product Code	Size	H(mm)	W(mm)	Inlet	Outlet
MBK06-200B-00	DN50	250	190	165mm	BS336
MBK06-200B1-00	DN65	260	190	185mm	BS336
MBK06-200A1-00	DN65	220	200	2.5"BSPT	BS336



LPCB Cert ref. 1153Ae

## LP Landing Valves Bib-nosed Type For Wet Risers



Product Code	Size	H(mm)	W(mm)	Inlet	Outlet
MBK06-200D-00	DN50	250	240	165mm	BS336
MBK06-200D1-00	DN65	260	240	185mm	BS336
MBK06-200C1-00	DN65	240	250	2.5"BSPT	BS336



LPCB Cert ref. 1153Ae

## 2 & 4 Way Breaching Inlet For Dry Risers



Product Code	Size	H(mm)	W(mm)	Inlet	Outlet
MBK08-202-00	DN100	235	320	2way BS336	220mm
MBK08-203-00	DN150	255	340	4way BS336	285mm



LPCB Cert ref. 1153Ad

## Hand-held Branchpipes



Product Code	Size	H(mm)	W(mm)	Inlet	Outlet
<b>MBK07-127E-00</b>	DN65	450	162	BS336	13mm
<b>MBK07-108D-00</b>	DN50	420	162	2"BSP	13mm
<b>MBK07-108B-00</b>	DN45	430	162	M56×4	13mm
<b>MBK07-107D-00</b>	DN65	420	162	2.5"BSP	16mm
<b>MBK07-107B-00</b>	DN70	450	162	M85×6	16mm



LPCB Cert ref. 1153Ac

## Hand-held Branchpipes

Valves



Product Code	Size	H(mm)	W(mm)	Inlet	Outlet
<b>MBK07-127F-00</b>	DN65	420	162	BS336	13mm
<b>MBK07-108C-00</b>	DN50	390	162	2"BSP	13mm
<b>MBK07-108A-00</b>	DN45	400	162	M56×4	13mm
<b>MBK07-107C-00</b>	DN65	390	162	2.5"BSP	16mm
<b>MBK07-107A-00</b>	DN70	420	162	M85×6	16mm



LPCB Cert ref. 1153Ac

## Standpipes



Product Code	Size	H(mm)	W(mm)	Inlet	Outlet
<b>MBK08-058-00</b>	Single	925	250	BSRT	1 way BS336
<b>MBK08-059-00</b>	Double	925	290	BSRT	2 way BS336



## Delivery Hose Couplings Ribbed Tail Type



Product Code	Size	Connector	H(mm)	W(mm)	D(mm)	Tail(mm)
<b>MBK08-201A-00</b>	1.5"	BS336	195	180	26.6	38.1
<b>MBK08-201A3-00</b>	1.75"	BS336	195	180	32.9	44.5
<b>MBK08-201A2-00</b>	2"	BS336	195	180	38.5	50.8
<b>MBK08-201A1-00</b>	2.5"	BS336	195	180	51.2	63.5
<b>MBK08-201A-00</b>	2.75"	BS336	195	180	56.8	69.9



## Delivery Hose Couplings Ribbed Tail Type



Product Code	Size	Connector	H(mm)	W(mm)	D(mm)	Tail(mm)
<b>MBK08-201B-00</b>	1.5"	BS336	195	180	26.6	38.1
<b>MBK08-201B3-00</b>	1.75"	BS336	195	180	32.9	44.5
<b>MBK08-201B2-00</b>	2"	BS336	195	180	38.5	50.8
<b>MBK08-201B1-00</b>	2.5"	BS336	195	180	51.2	63.5
<b>MBK08-201B-00</b>	2.75"	BS336	195	180	56.8	69.9



Valves

## Delivery Hose Couplings Ribbed Tail Type



Product Code	Size	Connector	H(mm)	W(mm)	D(mm)	Tail(mm)
<b>MBK08-201C4-00</b>	1.5"	BS336	195	180	26.6	38.1
<b>MBK08-201C3-00</b>	1.75"	BS336	195	180	32.9	44.5
<b>MBK08-201C2-00</b>	2"	BS336	195	180	38.5	50.8
<b>MBK08-201C1-00</b>	2.5"	BS336	195	180	51.2	63.5
<b>MBK08-201C-00</b>	2.75"	BS336	195	180	56.8	69.9





# FIRE PRESSURE CYLINDER VALVES & Detection Equipment





**KX11 - 532 - B2 (0128010) 3Lt**

D: 105 mm ±1mm, H: 475mm.  
WP 150bar,  
PT 250bar,  
97/23 (ce)



**MBK06 - ST - 12 (0128017) 16Lt**

D: 200 mm ±2mm, H: 960mm.  
WP 200bar, PT 300bar,  
EN 1964 - 1/ISO 9809 - 1,  
2010/35/EU (π)

**MBK06 - ST - 30 (0128018) 40Lt**

D: 229 mm ±2,29mm, H: 1500mm.  
WP 200bar,  
PT 300bar,  
EN 1964 - 1/ISO 9809 - 1,  
2010/35/EU (π)

**MBK06 - ST - 35 (0128019) 50Lt**

D: 229 mm ±2,29mm, H: 1485mm.  
WP 200bar,  
PT 300bar,  
EN 1964 - 1/ISO 9809 - 1,  
2010/35/EU (π)

**MBK09 - TIC - 45 (0128043) 67,5Lt**

D: 267mm ±2,67mm, H: 1500mm.  
WP 150bar,  
PT 250bar,  
EN 1964 - 1/ISO 9809 - 1,  
2010/35/EU (π)

**MBK08 - ZW - 50 (0128033) 67,5Lt**

D: 267mm ±2,67mm, H: 1500mm.  
WP 200bar,  
PT 300bar,  
EN 1964 - 1/ISO 9809 - 1,  
2010/35/EU (π)



**MARINE  DNV**

**MBK12 - TIC - 50 (0128045) 75Lt**

D: 267mm ±2,67mm, H: 1640mm.  
WP 150bar,  
PT 250bar,  
EN 1964 - 1/ISO 9809 - 1,  
2010/35/EU (π)

**MBK06 - ST - 60 (0128025) 80Lt**

D: 267mm ±2,67mm, H: 1740mm.  
WP 200bar,  
PT 300bar,  
EN 1964 - 1/ISO 9809 - 1,  
2010/35/EU (π)

Filling  
of cylinders  
with suppression  
extinguishing  
gas agents  
and usage  
of certified  
valves available  
upon request

## Pilot Cylinder Bracket

**KX09 - 016 - 48 (0114011)**

**2Kg CO<sub>2</sub>**

**KX09 - 016 - 47 (0114033)**

**16Lt**

**KX09 - 016 - 46 (0114022)**

**40Lt / 50Lt**

**KX09 - 016 - 46A (0114044)**

**67,5Lt / 75Lt / 80Lt**



**Metallic bracket for pilot cylinder** of Fire Suppression system with internal protective lining. Electrostatic coat.

For CO<sub>2</sub> or IG-541 / IG-55 Fire Suppression Systems, Internal Plastic Lining for Effective Grip and Additional Protection of the Cylinder. Stainless steel Butterfly Screws for Quick and Easy Installation. **Electrostatic Coating.**



**MBK03 - S - 023BR - CE (0119008)**



Valve for CO<sub>2</sub> Fire Suppression Systems. Manual, Pneumatic or Fuse Activation (fuse not included - MBK02-PYR).

**Inlet Thread W28.8x1/14(55°)**  
**Outlet Thread W21,8X1/14"**  
**Fuse Thread G3/8"**

**PS 174bar, PT 250bar**

**CE (TUV) PED**

**MBK03 - V - K8550 (0119009)**



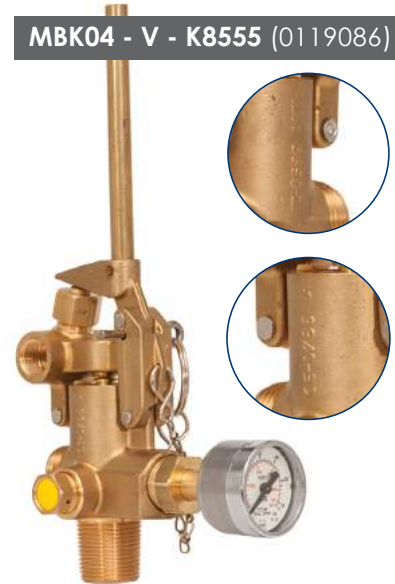
Valve for IG-541 / IG-55 Fire Suppression Systems. Manual, Pneumatic or Fuse Activation

**Outlet Thread W21,8X1/14"**  
**Fuse Thread G3/8"**  
**(fuse not included - MBK02-PYR)**

**PS 300bar PT 140bar**

**π (BAM) CE (VdS) EN 12094-4**  
**Inlet Thread 25E according**  
**DIN EN ISO 11363-1**

**MBK04 - V - K8555 (0119086)**



Valve for IG-541 / IG-55 Fire Suppression Systems, Manual, Pneumatic or Fuse 1/4" Activation (fuse not included - MBK02-PYR)  
**With Built-in Pressure Gauge.**

**WP 200bar, PT 210bar**

**π (BAM) CE (VdS) EN 12094-4**  
**EN 12094-10:2003-09 (gauge)**  
**Inlet Thread 25E according**  
**DIN EN ISO 11363-1**

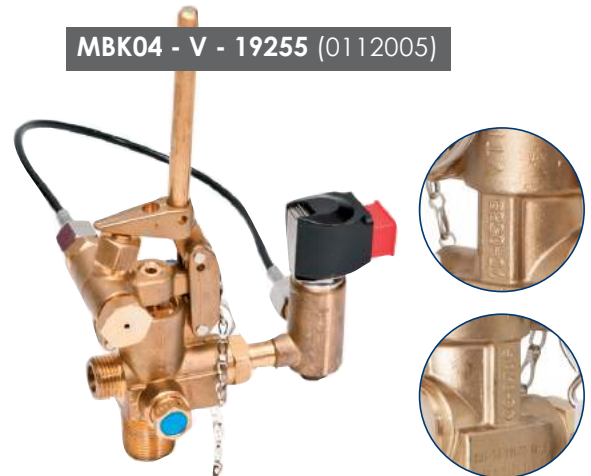
**MBK04 - S - 056CB (0119059)**



Solenoid Valve for CO<sub>2</sub> Fire Suppression Systems or for CO<sub>2</sub> pilot cylinder.

**CE Manufactured according BS Requirements**  
**Inlet Thread (25E)**

**MBK04 - V - 19255 (0112005)**



Solenoid Valve for CO<sub>2</sub> / IG-541 / IG-55 Fire Suppression Systems

**π (BAM) CE (VDS)**  
**Inlet Thread 25E according**  
**DIN EN ISO 629-1**



# Pressure Regulator For IG Fire Suppression System Accesories

Pressure Regulator

## MBK15-REGULATOR (0228102)



**Inlet Pressure: 200/300Bar**  
**Outlet Pressure: 60Bar**  
**Inlet Thread: W21,8 x 1/14"**  
**Outlet Thread: W21,8 x 1/14"**  
**CE (VdS)**

## Pressure Reducer

The Pressure Reducer - Regulator is connected to the Outlet of the Cylinder's Valve (either to those with gauge or those without Gauge). The Flexible EPDM hose is connected to the Outlet of the Regulator (Outlet It is shown in the Photo of the product with Nickel Color).

The Regulator adjust the Pressure of IG Mixture from 200Bar to 60Bar, with Smooth discharge the gas to low Pressure.

The Regulator is VdS Certified and recommended to be placed in every High Pressure Fire Suppression System.

## Fuse

### MBK02 - PYR (0119032)

1/4" fuse, for use in CO<sub>2</sub> / IG541 / IG55 / ABF - Wet Chemical / Dry Powder / Foam Fire Suppression System Valves.



Activation Voltage 12-24V DC  
Includes Fuse's Coupling

## Almond Odorizer

### MBK15-SMELL-CO2 (0128085)

**Almond Odorizer Cartridge** used in Carbon Dioxide Fire Suppression Systems.

The Cartridge in case of System Activation, releases an Almond odor in the odorless Carbon Dioxide gas, providing warning to the people left in the Area of System.

A single Cartridge can be on used in Fire Suppression System of 1.000Kg Carbon Dioxide.

**WP 60Bar PT 90Bar**  
**Activation Pressure: 3Bar ± 10%**



FUSE

## Detectors & Accesories

### MBK12 - WIRE - 68 (0141125)

Linear heat detection cable **68°C, UL / FM Certified.**



### MBK12 - WIRE - 251 (0141122)

Linear heat detection cable **251°C, FM Certified.**



### MBK12 - WIRE - 138 (0141120)

Linear heat detection cable **138°C, UL / FM Certified.**



### MBK12 - CLEMA (0102221)

Porcelain splice connector



### MBK12 - WIRE - 180 (0141121)

Linear heat detection cable **180°C, UL / FM Certified.**



### MBK12 - FIRETAPE (0102223)

High durability thermal insulation tape, **UL certified**



Detectors & Accesories

## Thermo Links



### MBK16 - SRLINK - 141C (0113203)

Standard Response Thermo Link  
Activation Temperature 141°

141°



### MBK16 - SRLINK - 182C (0113204)

Standard Response Thermo Link  
Activation Temperature 182°

182°



### MBK16 - SRLINK - 260C (0113205)

Standard Response Thermo Link  
Activation Temperature 260°

260°

Thermo Links



# FIREMAN EQUIPMENT

& Breathing Devices



## KX15 - DTXF - 93I (0105005)

**Fireman Gear** manufactured from Glass Fiber Aluminized textile, suitable for reflecting incoming heat. Packed in Gripsack.

Total Weight: **14Kg**  
Size: Min Height **1,65m**  
Max Height **1,90m**

**INCLUDES:**

boots, pants, jacket, helmet, boot cover, gloves, and hood.

**SOLAS** 



## KX15 - HY - BELT (0131021)

**Fireman Belt**, Fire Resistant, with Ring for Hanging the Lifeline and Case for Fireman Axe.



## MBK07 - ST - AXEFR (0131018)

**Fireman Axe.**



## KX15 - HY - ROPE (0131022)

Fire Resistant Rope for hanging on fireman's belt.  
Length: **30m.**



**MED** 

## KX15 - HY - LANTERN (0131020)

**Fireman flashlight** (Lantern).  
(Batteries not included).

**SOLAS** 

IEC Certification Scheme for Explosive Atmospheres 



## MBK07 - PT - SE2523 (0149010)

**Fire Resistant Gloves**, Aluminized Textile for reflecting incoming heat.  
Length: **35cm.**



## MBK07 - PT - SE2530 (0149011)

**Fire Resistant Boot Cover**, Aluminized Textile for reflecting incoming heat.



## MBK17 - MED - GLOVES (0149059)

**Fireman Gloves**

**MED** 



## MBK17-MED-BOOTS (0149060)

**Fireman Boots**

**MED** 



## MBK17-HELMET-MED (0131071)

**Fireman Helmet**

**MED** 



EN 443:2008  
EN 14458:2004  
EN 166

## MBK12 - MED - SUIT (0105024)

**Fireman Uniform** (Jacket & Trouser).

Size: **Large**  
Height: **185cm**  
Chest Girth: **144cm**  
Hip Width: **138cm**

**INCLUDES:**

Semicircle belt made of S. Steel, Aramid Moisture barrier Aramid felt quilted to aramid fabric, Axes pocket, Stainless steel triangle, Explosion-proof lights bag

**MED** 




**KX15 - 510 - BA630 (0104000)**



**6Lt**, Autonomous Breathing Apparatus of Compressed Air at 300bar, **60' Minute Operation**, with Anatomic Back Support and Belts made from Fire - Resistant Material. **Packed in Special Suitcase.**

**EN 136 EN 137 EN96/98/EC**

**MED** 

**KX15 - 510 - BA630 - CYL (0104002)**



Compressed Air Cylinder **6Lt / 300bar** for Breathing Apparatus Code (KX15-510-BA630).

**(π)**

Breathing Apparatus

**MBK10 - BA600 - COMPOSITE (0104026)**



**6,8 Lt**, Autonomous Breathing Apparatus **(CERTIFIED WITH CARBON FIBER CYLINDER)**, of Compressed Air, 60' Minute Operation, with Anatomic Back Support and Belts made from Fire - Resistant Material. **Packed in Special Suitcase.**

**MED** 

**89/686/EC Personal Protective Equipment**

**MBK10 - BA600 - COMPOSITE - CYL (0104022)**



**(E) 97/23/EC EN12245:2002**



## Double Breathing Apparatus for 2 Users

**MBK10 - BA600 (0104018)**

**6 Lt Autonomous Breathing Apparatus with 2 masks**  
**CERTIFIED ACCORDING 89/686/EC.**  
**PERSONAL PROTECTIVE EQUIPMENT.**



**MED**



**6lt BREATHING APPARATUS FOR 2 USERS**



**CHARACTERISTICS:**

- No air loss
- Sealed warning device
- Self-test
- Alarm audible in any circumstances
- Alarm at any distance
- Second operator alarm

Pressure Regulator  
with Built-in Air Divider for 2 users

Double Breathing Apparatus for 2 Users

## Emergency Escape Breathing Apparatus

**MBK03 - AOGD03Z002 (0104001)**

Escape Breathing Apparatus  
**Certified according IMO RES. MSC. 98(73)**  
**and EN 1146: 1997 by LLOYDS**



Suitable for Marine Use  
15min Duration (3Lt Cylinder 210bar).

**MARINE** 

**MED 96/98 EC - SOLAS**

**MBK11 - EEBD - MASK (0104023)**

Spare part for **3Lt** EEBD - Mask.



**MBK12 - EEBD - BAG (0104025)**

Spare part for **3Lt** EEBD - Bag



**MBK08 - SH - VALV (0104016)**

Cylinder Valve

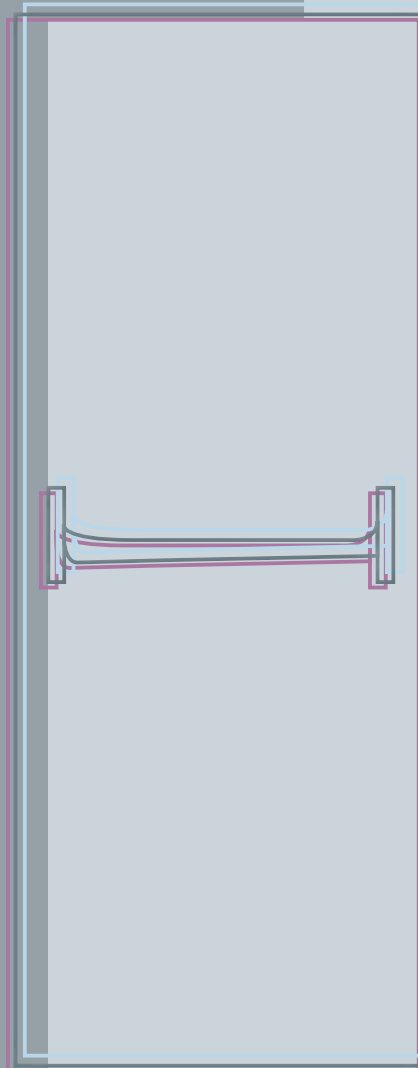


Emergency Escape Breathing Apparatus



EN1634 - 1

# FIRE DOORS





Fire doors of **60 or 120min**, Certified According to the European Standard **EN 1634-1**, Single or Double Leaf.  
The Tests for the Certification of the fire doors were performed by CSI, an International Accredited Body for this Sector.



**Reversible !**

**EN1634 - 1**

### Technical Details and Specifications:

- Door Leaf Thickness 60mm, the External Leaf is Manufactured by Double Steel Sheet of 0.8mm, while the Internal Content is of a very Dense Layer of Anti-Flammable Material
- Frame is made of 1,5mm Steel Sheet
- Locks with Key
- Black Safety Knob
- Double Hinges per Leaf, one of which has a spring in order to set the rollback of the Door
- Reinforced Plates in order to Adjust a Panic Bar (optional)
- 28mm Sealing Rubber Thermo Expanding for additional sealing of the Space on Fire
- Metal Label Indicating the Certification of the Door
- Water based Eco - Coated, Standard Color Ral 7035 Light Grey

### Characteristics & Details:

- 35 Kg/m<sup>2</sup> Weight for 60' Doors and 45 Kg/m<sup>2</sup> for 120' Doors
- Every door is delivered with installation instructions leaflet and certificate
- The appeared dimensions are fitment dimensions (from wall to wall)

### Installation:

- Using screws
- Using hinges

### NOTE:

Upon special order Fire Doors are also available in different dimensions, colors, accessories etc.

For more information, contact the Exports Department

Fire Doors



## Single Leaf or Double Leaf Fire Doors 60' & 120' Wooden like Color Single Leaf 60'



**Reversible !**

**Excellent Aesthetic Result combining All Advantages of a Fire Door!!!**

### Spare Parts



Beech  
DL76/8001

Walnut Light  
DL87/8001

Briar - Root  
DL37/8002

Oak  
DL89/8024

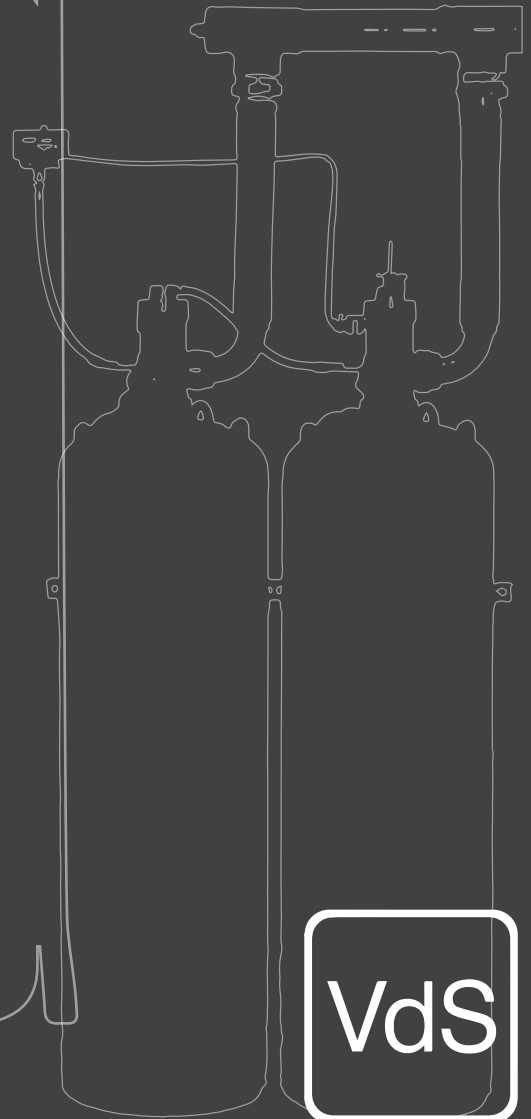
Cherry  
DL99CE/8002

Mahogany  
DL57SME/8017





# FIRE SUPPRESSION SYSTEMS HFC 227ea



**HFC 227ea** is a clean agent used as a flooding agent to help protect assets including data and data processing equipment in the event of a fire.

Known as heptafluoropropane or HFC-227ea, is the most widely used clean agent replacement for Halon 1301 globally in the special hazards suppression market, globally. It has been preferentially selected by the market due to :

- Excellent price/performance ratio
  - Robust design, so low maintenance costs
  - Rapid extinguishing effect
  - Safe for use in occupied areas
  - No extinguishing agent residues, neither corrosive nor electrically conductive
  - Simple design and hydraulic calculation available after order by using VDS software.
  - Higher operating pressure possible than comparable systems, so – longer pipeworks and – multi-zone systems can be achieved
  - Compact and space-saving
  - Worldwide recognised and approved extinguishing agent
- Available cylinder sizes: 13,5, 32, 50, 90, 120, 150 Liters
  - Pressurized at 25Bar or 42Bar at 20°C
  - Single - or multi-cylinder systems
  - Single - or multi-zone systems



Approval N° S 318003

HFC-227ea Fire Suppression System





LPCB LISTED

# LOCAL APPLICATION FIRE SUPPRESSION SYSTEMS FOR KITCHENS

PRE-ENGINEERED FIRE SUPPRESSION SYSTEM  
"ALEXANDER THE GREAT" WET CHEMICAL

ALEXANDER THE GREAT

Reduces even the most critical kitchen fire risks:

- Flammable grease and open flame in cooking areas
- Human injury
- Damage to cooking equipment and peripheral kitchen area
- Work stoppage
- Loss of client goodwill

- Easy / Flexible Installation
- Quick & Effective Suppression
- No electricity or moving parts
- Highly economical



# Local Application Fire Suppression System "Alexander the Great" for Kitchens



## THE FIREDETEC® DIFFERENCE

FireDETEC® systems use a proprietary continuous linear sensor tube that reliably detects and actuates release of the extinguishing agent using pneumatic technology. It is flexible, space efficient and cost effective detection system.

### 1. Quick & Easy Installation:

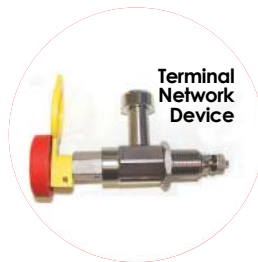
The flexible sensor tubing is easily installed directly inside the extractor hood - directly above cooking areas. When in service, the tubing is pressurized with Nitrogen at 16 bar. The dynamics of pressurization make the tubing more reactive to heat.

### 2. Early Fire Detection:

If a flame-up occurs, the heat of the fire causes the pressurized sensor tube to burst at the hottest spot (approx. 110°C).

### 3. Instant Suppression:

The sudden tube depressurization actuates the special pressure differential valve and instantly the Agent is discharged by special Nozzles. The fire is quickly suppressed just moments after it began minimizing damage and downtime.



Terminal Network Device

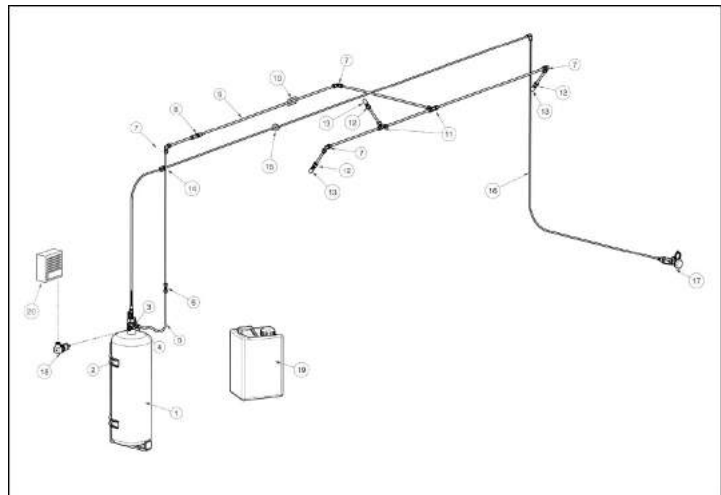


Cylinder's Valve



Everything you need together in one box!

Pos.	Qty.	Description
1	1	Cylinder / valve assembly 9 Liter
2	1	Cylinder bracket
3	1	Gasket
4	1	Tube fitting (nickel plated)
5	1	Steel hose
6	1	Tube fitting - straight union
7	4	Tube fitting - Elbow
8	1	Cross panel-fitting
9	6	Stainless steel tubing (1m)
10	4	Pipe bracket (Ø8mm)
11	2	Tube fitting - Tee
12	3	Tube fitting - straight G 1/4"
13	3	Nozzle
14	1	Cross panel-fitting
15	20	Screw clips for tube attachment
16	1	FireDETEC® Tube red (10m)
17	1	Manual release device
18	1	Pressure switch
19	1	FireDETEC® suppression agent (9 liter canister)
Optional		
20	1	Alarm box



Local Application Fire Suppression System "Alexander the Great" for Kitchens



# LOCAL APPLICATION FIRE SUPPRESSION SYSTEMS FOR KITCHENS

FIRE SUPPRESSION SYSTEM "ΔΙΑΣ" ABF - WET CHEMICAL

## ΔΙΑΣ

In both professional and domestic kitchens the equipment functions with the use of Electrical Power and/or of Gas-Propane. In these areas, large quantities of flammable materials are used, such as cooking oils and fats, which are dangerous to ignite. Based on the relevant legislation, the appropriate extinguishing agent used for such fires has to be of category (F) - Cooking Oils & Fat.

The fire extinguishing agent MOBIAK uses, commercially named as ABF-Wet Chemical, is approved by the Fire Brigade Headquarters for Suppression of Class (A), (B) and (F) Fire - Solid and Liquid Fuels, Cooking Oils & Fats.

This fire extinguishing agent (ABF-Wet Chemical) is a Carboxylic Acid Salt which suspends fires by creating a saponified layer (crust) that prevents Oxygen from interacting with the burning surface, cools down the area and eliminates the possibilities for re-ignition. The low acidity level (PH:9 at 20°C) prevents any damage caused to surfaces made of stainless steel.

The Electromechanical Fire Suppression System with the commercial name "ΔΙΑΣ" uses the ABF-Wet Chemical extinguishing agent and the most Advanced, Efficient, Reliable & Certified Fire Detection Solution method in the direct & effective (F) category fire suppression for Professional Kitchens. Fire is detected by an approved (UL/FM) Linear Heat Detection Cable of activation temperatures 138°C, 180°C or 251°C, the installation of which is particularly quick & simple. This Cable is connected with a Control Panel that controls the Automatic Operation of the System.



In Automatic Operation, in case of fire the Detection Cable is activated and transmits a Signal to the Control Panel of the System that executes constant Visual-Acoustic Alarm through a built-in Siren with Beacon. After the pre-configured Time Delay (can be set from 0-80sec) the Control Panel transmits a Signal to the fuse of the Fire Extinguisher Valve resulting the Activation of the Valve and the flow of the Agent through the Pipe Network to Special Discharge Nozzles.





In Manual Operation, the system can be activated by Electrical Means by a) an Extinguish Button that is built-in to the Control Panel or b) an Electrical Remote Call Point that must be installed near to the Kitchen Exit or by Mechanical Means by a) a Metal Wire Pull-Handle Mechanism that must be also installed near to the Kitchen Exit or b) by pulling the Valve Rod of the Fire Extinguisher Valve.



The System can be designed as Total or Local Flooding.

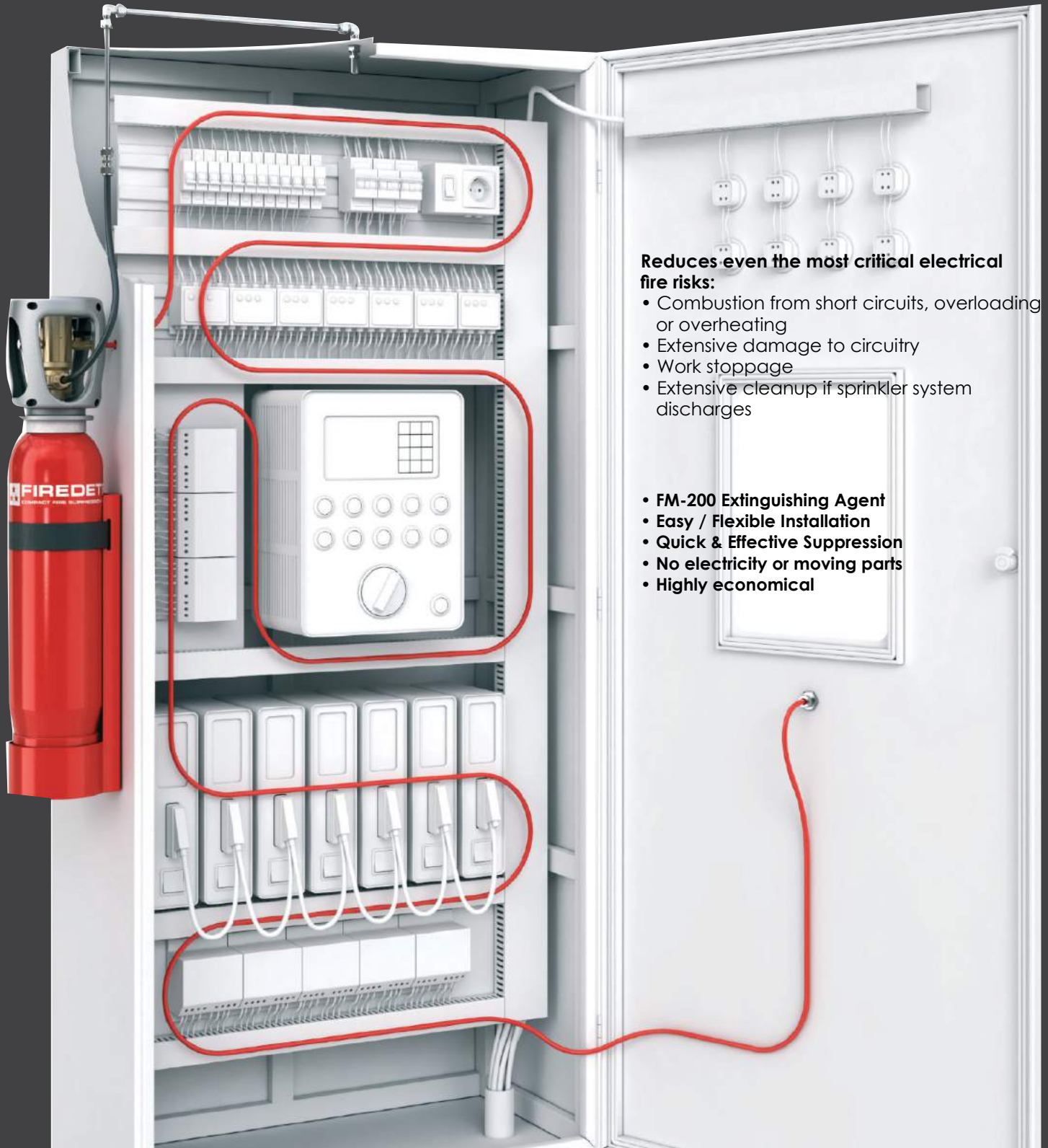


## SYSTEM COMPONENTS

- CE Approved Local Application Fire Extinguishers with Certified Valve of Automatic & Manual Operation
- Vessels with Internal Plastic coating of 6Lt, 9Lt, 11-16Lt, 17-20Lt and 21-35Lt Extinguishing Agent Capacity
- Stainless Steel Vessels of 10Lt and 11-20Lt Extinguishing Agent Capacity
- Heavy duty Extinguisher brackets
- Certified Detonator used for the Automatic Activation of the system
- Stainless Steel Flexible Hose for connecting the Extinguisher Valve Output to pipe network
- Linear Heat Detection Cable of Activation Temperatures 138°C, 180°C or 251°C
- Porcelain Splice Connectors for connecting Detection Cables of different Activation Temperatures
- Stainless Steel Straps used for Linear Heat Detection Cable support
- Fire Tape for Linear Heat Detection Cable connections insulation
- Remote Pull-Handle Mechanism
- 2.2KΩ Resistor for monitoring the Proper Operation of the DetectionLine
- Remote Control Extinguish Button
- ½” Male Thread Stainless Steel Discharge Nozzles of Different Flow rates with inflammable Silicon Caps
- 1-Zone Control Panel with:
  - Battery
  - Siren-Beacon
  - Activation Button
  - Detonator Time-delay set by factory to 40 seconds (it can be set from 0-80sec)
  - Factory connected Extinguish Cancel Button with 2m cable
  - Factory connected White Cable for Power Supply with Suko Plug (2m length)
  - Factory connected White Cable with Plastic Splice Connector of 2 contacts for connecting the Detonator of the System (2m length)
  - Factory connected Orange Cable with Plastic Splice Connector of 2 contacts for connecting the Linear Heat Detection Cable (2m length)Output Relay for Electrical Power Shut down of Selected Kitchen Appliances and Air Duct Fans as well as for Shut down of fuel (gas)
  - Gas / Propane Electro-mechanical switching valve (is not included)



# A complete Detection & Suppression Pre-Engineered System for Electrical Cabinets



## **Reduces even the most critical electrical fire risks:**

- Combustion from short circuits, overloading or overheating
- Extensive damage to circuitry
- Work stoppage
- Extensive cleanup if sprinkler system discharges

- **FM-200 Extinguishing Agent**
- **Easy / Flexible Installation**
- **Quick & Effective Suppression**
- **No electricity or moving parts**
- **Highly economical**





## THE FIREDETEC® DIFERENCE

FireDETEC® systems use a proprietary continuous linear sensor tube that reliably detects and actuates release of the extinguishing agent using pneumatic technology. It is flexible, space efficient and cost effective Detection Method.

### 1. Quick & easy Installation directly inside Electrical Cabinets:

The flexible sensor tubing is easily installed inside the electrical cabinet, directly above the wires and circuitry where a fire could start. When in service, the tubing is pressurized with Nitrogen at 16 bar. The dynamics of pressurization make the tubing more reactive to heat.

### 2. Early Fire Detection:

If a flame-up occurs, the heat of the fire causes the pressurized sensor tube to burst at the hottest spot (approx. 110°C).

### 3. Instant Suppression:

The sudden tube depressurization actuates the special pressure differential valve and instantly floods the entire cabinet area with FM-200 extinguishing agent. The fire is quickly suppressed just moments after it began minimizing damage and downtime.

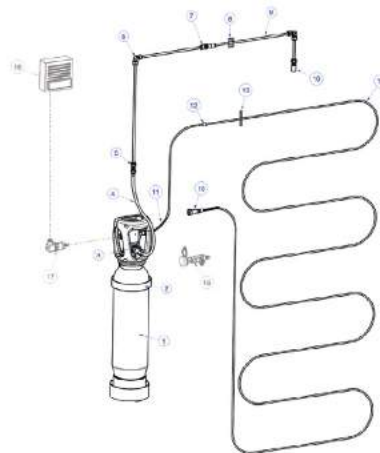


Everything you need together in one box



Electrical Cabinets

Pos.	Qty	Description
1	1	Cylinder/valve assembly
2	1	Cylinder bracket
3	1	Gasket
4	1	Rubber hose
5	2	Tube fitting - straight
6	2	Tube fitting - Elbow
7	1	Cross panel-fitting
8	4	Pipe bracket (Φ8mm)
9	2	Stainless steel tubing (1m)
10	1	Nozzle
11	1	Protection spring top
12	1	Cross panel-fitting
13	20	Binding ties
14	1	Firedetec tube red (10m)
15	1	End of line adapter
OPTIONAL		
16	1	Manual release device
17	1	Pressure switch
18	1	Alarm box





# MOBIAK AEROSOL GENERATORS

MOBIAK Aerosol Generators are innovative products, designed for extinguishing in total flooding, indoors. The extinguishing agent is environmentally friendly and it is a substitute of Halon gas and other extinguishing materials.

A system with Aerosol Generators is used for extinguishing Class A fires (Solid Surface), B (Liquid) and C (Gas) and prevents re-ignition.

Aerosol Generators are aimed primarily for protecting areas defined and closed, to allow the retention of the required amount of aerosol for the required period in order to ensure effective firefighting.

The material contained in the Aerosol Generator, determines the concentration of the extinguishing agent, which is required for each Class of fire (depends on the volume that is protected).

The aerosol is generated inside the container through the combustion of material that contains, which is cooled by a special designed output that absorbs heat. The aerosol is generated in situ by the chemical reaction that takes place. It is not pressurized, producing micro-particles inert Dry Powder which extinguishes fire by physical and chemical means.

When a fire is detected, fire detection Sensor - Activator transmits an electrical signal in the unit which afterwards activates the electric igniter. Then, it releases the extinguishing agent in aerosol form, which overwhelms (total) area, extinguishing the fire.



**UL & EN ISO 9094-1/2 APPROVED**





**MBK12 - A50** (0135265)

**MBK12 - A100** (0135266)

**MBK12 - A200** (0135267)

**MBK12 - A500** (0135268)

**MBK12 - A1000** (0135269)

**MBK13 - A5000** (0135293)

## Main Features

- Approved as a Halon alternative for non-Occupied Spaces
- No Ozone Depletion - Zero Ozone Depletion Potential (ODP)
- No Global Warming - Does not contribute to the Global Warming effect (GWP)
- Low Toxicity
- High Efficient
- No pressurized Containers
- No Piping and no Nozzles
- No connection with Detection Panel
- Effective at very Low Design Concentrations
- Maintenance Free
- Small-Safe-Simple
- Effective Cost
- Total Flooding
- Listed on the EPA-SNAP list as Powdered Aerosol A (SFE)
- Designed to meet NFPA 2010 and PrEN15276



Team1-DA  
Sensor - Activator



MOBIAK Aerosol Generators

Model	A50	A100	A200	A500	A1000	A5000
Quantity of fire rating [gr]	50	100	200	500	1000	5000
Evacuation time [sec]	15	17	27	48	65	70
Dimensions [mm]						
Width	50	60	80	120	120	190
Height	50	60	80	120	120	445
Length	135	170	210	245	320	390
Total weight [Kg]	0.6	1.2	2.7	11.6	12.5	46
Activation system	1.2 A					
Extinguishing volume [m³]	0.5	1.0	2.0	5.0	10	50
Operating conditions	-40°C until +80°C (-40°F until +176°F) 98% RH Max					
Storage conditions	25°C ± 15°C					
Functionality (after installation)	12Years					
Activation mode	Electrical					
Toxicity	No					
Environmentally friendly	no ozone effect and greenhouse effect (No ODP & GWP)					
Hazard class	UN1479 Class 5.1					

### Environmentally Responsible Choice!

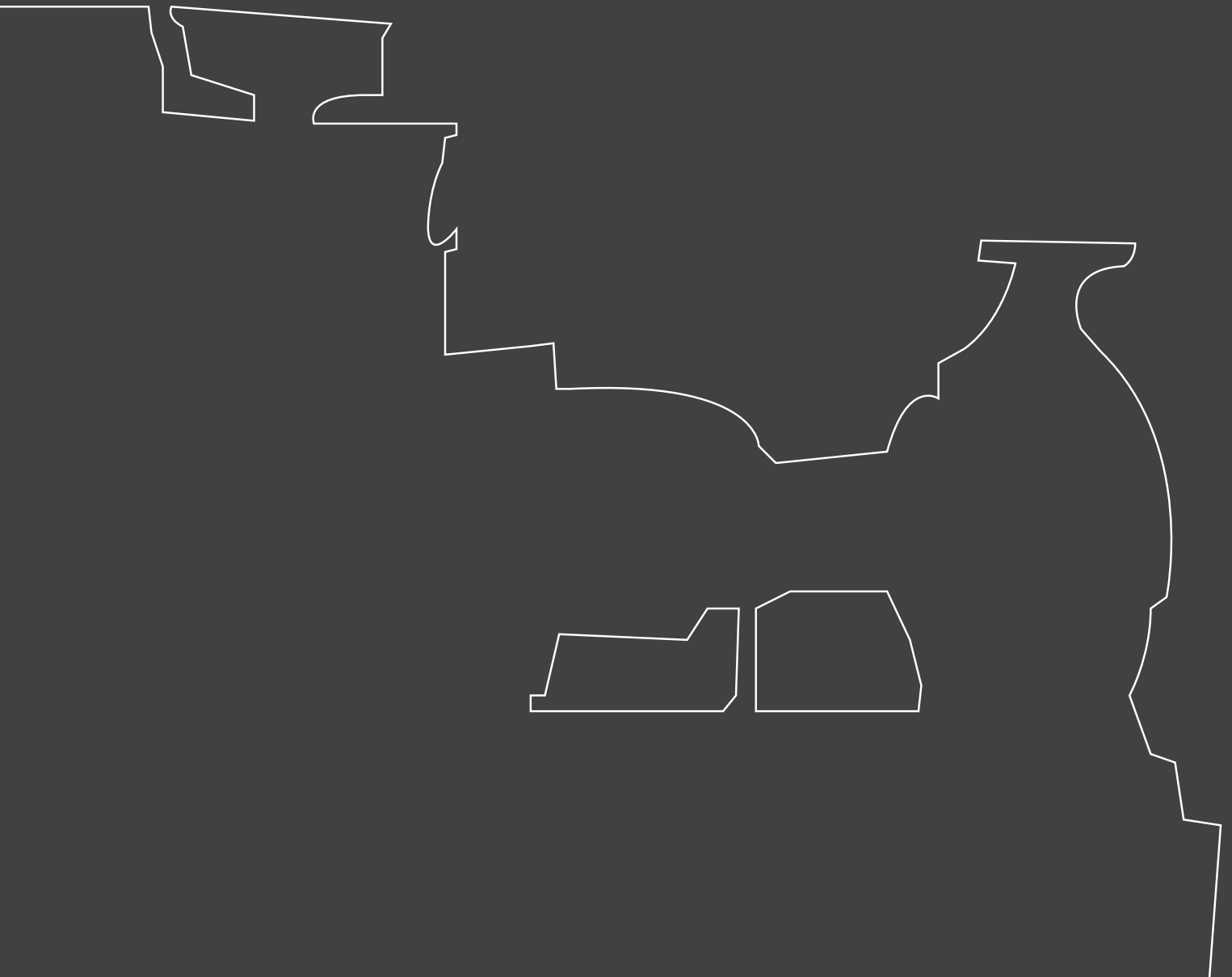
#### Product:

- Non Corrosive
- Non Toxic
- Non Harmful or Irritant
- With no mutagenic effects on the environment & the human health
- Without Global Warming Potential (GWP)





# FIRE FIGHTING PUMP SETS



Fire Fighting Pumps Sets are designed according to European and American Standards of firefighting equipment offering reliability and efficiency.

Fire fighting units reavaille fully assembled offering ease both during transport and during installation.

**The set consists of:**

- Diesel Pump or
- Diesel Pumps and Electrical Pump or
- Diesel Pump, Electrical Pump and Jockey Pump

**Other Parts:**

- Forced Tank of various Capacities and operating Pressures
- Electrical Control Automatic Functions
- Control parts (eg, check valves , pressure gauges, Pressure Switches, Valves etc.)



The Sprinkler network is always under pressure.

In automatic mode, when a fire occurs the pressure drop automatically starts the Jockey Pump and only if the pressure drop continues initiates the Electric Pump. If the pressure drop continues, the Diesel Pump starts until the pressure of the system reach the default pressure.

The pumps can be activated manually while each pump isolation valve is both for suction and defuse.

The extinguishing system (pumps & pump motors, mechanical components and electrical panel) is mounted on a Rigid Steel Base construction.

Firefighting units are delivered under Special Delivery Terms.





APPROVED



RINA

# FIRE SUPPRESSION SYSTEM HFC-227 FOR MARINE USE



## **Total Flooding, Clean Agent Fire Extinguishing Systems**

U.S. Coast Guard studies show that approximately 90% of all Marine Fires start in the engine compartment. The same studies show that only one in ten Marine Fires is successfully extinguished with typical dry-chemical portable fire extinguishers due to the inherent difficulties of fighting a fire manually. In addition, dry-chemical fire extinguishers leave behind powder that can damage the engine and sensitive electronic equipment.

MOBIAK HFC System is a Safe and Effective Solution to protect Ship's Machine Room. The system is activated Thermally (without manual intervention) at 79°C, relieving Clean Agent Gas very fast, compared to the reaction time of the crew of the ship, resulting quicker extinction and smaller losses (agent leaves no residue such as powder).

## **Clean Agents: FE-241® vs. HFC-227ea**

A choice of two Halon-replacement Clean Extinguishing Agents are available.

FE-241® (Chlorotetrafluoroethane) is approved for normally unoccupied spaces such as engine rooms and is approved for use in the United States. HFC-227 ea (Heptafluoropropane) is approved for normally occupied spaces and is approved for use in European Union nations and many other countries due to its zero-ozone depleting properties. Both FE-241® and HFC-227ea are considered suitable Halon replacement agents under the EPA's SNAP program.

## **System Advantages**

- Discharge is automatic at 79°C
- Total flooding of the engine compartment in less than 10 seconds for fast smothering of the fire
- Clean agent Halon substitute gas (FE-241® or HFC-227ea) leaves no harmful residue to clean up
- Protection for small boats up to large yachts with engine rooms from 0,7m³ to 85m³
- Many marine insurance providers offer a discount of boaters who install all fixed fire extinguisher system
- MOBIAK's HFC-227 system is currently manufactured in refillable cylinders
- Three-year Limited Warranty





### Approvals & Certifications

MOBIAK HFC-227 System is approved by Factory Mutual, U.S.C.G., and Bureau Veritas. Additionally, all systems containing HFC-227ea are approved to EN ISO 9094-1 and EN ISO 9094-2 Standards by Bureau Veritas, Rina and Factory Mutual and are CE certified.



U.S.C.G.  
Approved



### Selecting Your System

Three MOBIAK model series are available:

#### MA2 Series

- Automatic discharge with optional manual discharge when used with a Manual Discharge Cable
- Engine rooms up to 42m<sup>3</sup>
- Vertical or horizontal mounting allowed
- FE-241® or HFC-227ea

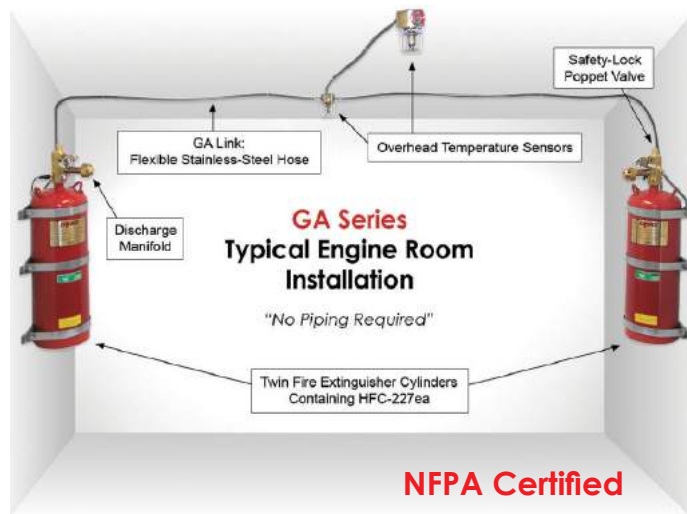
#### CG2 Series

- Automatic discharge only
- Engine rooms up to 28m<sup>3</sup>
- Vertical or horizontal mounting allowed
- FE-241® or HFC-227ea



#### GA Series

- > Two-cylinder System for larger vessels with engine rooms from 42m<sup>3</sup> to 85m<sup>3</sup>
- > Cylinders are linked with flexible, braided stainless steel hosing allowing for a near simultaneous discharge of both cylinders
- > Requires the installation of Manual Discharge Cable Mechanism
- > Vertical mounting only
- > HFC-227ea only





# DRY POWDER LOCAL APPLICATION SYSTEM FOR PETROL STATIONS

The greatest danger in a petrol station is that Fire Fuels are highly flammable liquids that can create explosive steams even in very low temperature.

Dry Powder is a Fire Suppression Agent appropriate for Solid, Liquid and Gas Fuels. In petrol Stations Pumps it is required from specific law regulations the installation of Automatic Dry Powder Fire Detection & Suppression System with alarm signal and Automatic as well as Manual Operation.

The purpose of the installation of an Automatic Fire Detection & Suppression System is the fast Detection of the Fire with sound and visual alarm signals inside the controlled area and finally the Suppression of the Fire by the specialized extinguishing means of the system.

MOBIAK Dry Powder Fire Suppression System can operate both automatically (activated through detection system) and manually (manual activation mechanisms) and is highly recommended for the Fire Detection and Suppression in the area of the pumps.

During Automatic Operation, the pair of Smoke and Heat Detectors intalled over each pump, detects the fire and they transmit alarm signal to the Control Panel of the System.

It follows a continuous audio-visual alarm and after some seconds (detonator time delay), the Panel activates the Extinguisher valve resulting the extinguishing agent to flow from the extinguisher through the Pipe Network to the Nozzles.

The Manual Activation of the System is done either by Remote Activation Mechanism or by pulling down of the valve Rod.





## SYSTEM COMPONENTS

- CE Approved Local Application Fire Extinguisher (net weight 25Kg) with Certified Valve of Automatic & Manual Operation
- Heavy duty Extinguisher Bracket
- Certified Detonator used for the Automatic Activation of the Extinguisher
- Stainless Steel Flexible Hose for connecting the Extinguisher Valve Output to the pipe network
- Dry Powder Discharge Nozzles (1/2")
- 4-Zone Control Panel with built-in battery (adjustable detonator activation delay 0-80 sec), with Extinguish Button and Extinguish Cancel Button
- Rate-of-Rise Heat Detector or Thermal Detector
- Smoke Detector
- Siren with beacon for alarm Warning



**BS-655**  
Optical Smoke  
Detector with  
Base.



**BS-660**  
Rate-of-Rise Heat  
Detector  
with Base.



**BS-668**  
60°C Heat  
Detector  
with Base.



**BS-627**  
4-Zone Panel

**BS-534** Extinguishing call point with  
TEST-RESET key & isolation lock

Extinguish cancel Button



**BS-531** Siren with beacon for fire  
detection panel (IP 42)



Dry Powder  
Discharge Nozzle





# AUTOMATIC EXTINGUISHING SYSTEM HFC-227EA / HFC-236FA

## FIΔΙΑΣ

- High flexibility tube Capable to extinguish A,B,C and electrical type of fires and can protect almost any space.
- High cost-effectivity: zero maintenance, long working life, automatic activation beats the competition in cost-effectivity.
- No cylinder for storage of extinguishing agent needed: the whole system can be placed inside the protected enclosure.
- Option to connect pressure switch and other additional components like signaling unit to perform further functions.
- Clean and effective extinguishing agent: world-wide known and accepted HFC gases (HFC-227ea and HFC-236fa).
- Automatic operation based on increased temperature: Ideal for non-occupied spaces or spaces out of sight.
- Fully independent: system is operational 24/7 without any power supply.
- No maintenance during entire working life = zero maintenance costs.
- Long working life: 5 – 10 years depending on the type of application.
- No harm to protected enclosure and people when discharged.
- Very simple installation: no training required for installation.
- Pressure gauge to monitor the pressure at any time.
- Low operation temperatures: up to -40°C.
- Activation temperature: 100°C or 120°C.



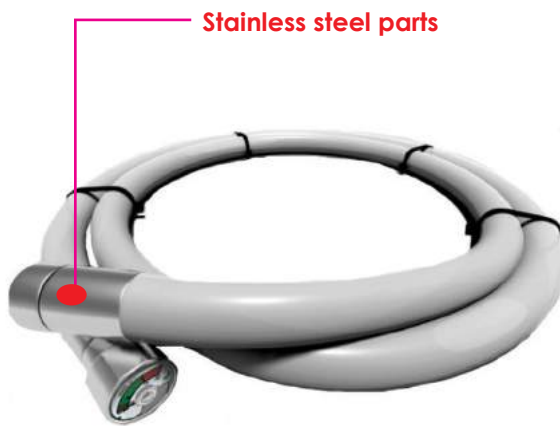
**AQAP**  
2110:2009

TD Series

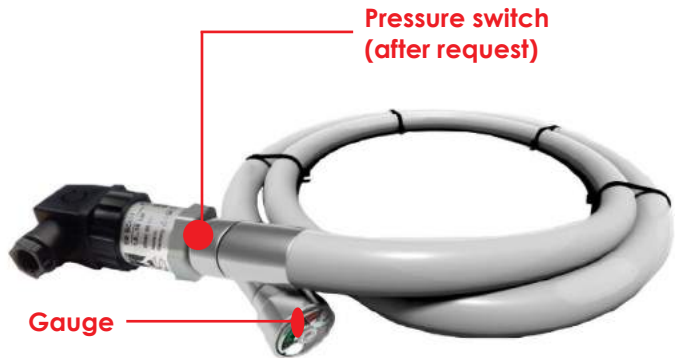


TV Series





Stainless steel parts



Pressure switch  
(after request)

Gauge

Type of system	Extinguishing Agent	Amount of extinguishing agent (kg)	Length of the system (cm)	Outside diameter of the tube (mm)	Max. volume of the protected enclosure (m³)	Operation Temperature(°C)
TD100EA	HFC-227ea	0,25	110	18	0,20-0,30	-40°C to +60°C
TV100FA	HFC-236fa				0,22-0,35	-40°C to +80°C
TD200EA	HFC-227ea	0,50	212		0,40-0,60	-40°C to +60°C
TV200FA	HFC-236fa				0,43-0,70	-40°C to +80°C
TD300EA	HFC-227ea	0,75	316		0,60-0,87	-40°C to +60°C
TV300FA	HFC-236fa				0,65-1,04	-40°C to +80°C
TD400EA	HFC-227ea	1,00	419		0,78-1,16	-40°C to +60°C
TV400FA	HFC-236fa				0,86-1,40	-40°C to +80°C



Installation of systems



Beginning of fire



Activation of fire



Relief material



Extinguishing fire

**MBK15 - FDS - SWITCH** (0129016)



### Pressure Switch BC001

Connected to the fitting of the system, the pressure switch monitors the pressure and sends a signal in case the pressure drops under pre-set value.

**MBK15 - FDS - SIREN016** (0149050)



### Signaling Unit BC016

Audio-optical signaling device for applications in vehicles, machines or boats. Includes a "ready" control light with a power backup battery.

**MBK15 - FDS - SIREN004** (0149049)



### Signaling Unit BC004

Simple and cost-effective audio-optical signaling device for indoor applications and Electrical Cabinets.



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