

# **DF** Dai-dong Fire Protection Co., Ltd.



[www.ddfp.co.kr](http://www.ddfp.co.kr)

Dai-dong Fire Protection that protects lives and properties from fire.

Dai-dong Fire Protection specializes in manufacturing fire-fighting articles and equipment that are designed to protect lives and properties from fire. Dai-dong Fire Protection is leading in the industry through keeping research & development. We will work in harmony and provide our customers with better quality and more innovative products.



Quality Management System Certificate ISO 9001:2015  
Environmental Management System Certificate ISO 14001:2015

- Mar. 2018 Realizing the AR (Augmented reality) description of products
- Jan. 2018 Applying for a patent (Extinguisher sublimated transferring technology.)
- Dec. 2018 Acquiring the European quality (CE) certificate (Design Extinguisher)
- Dec. 2018 Starting to supply products to GM KOREA
- Oct. 2017 Acquiring a form approval (Vessel Extinguisher)
- Aug. 2017 Acquiring ISO certificates (9001, 14001)
- Jun. 2017 Being selected as the 'Excellent Company in Job Creation' (Gyeonggi-do)
- Apr. 2017 Releasing Fire Blanket
- Mar. 2017 Releasing Design Extinguisher
- Dec. 2016 Being selected as the 'Standard Establishment for the Disabled'
- May 2015 Starting to supply products to E-Mart
- Feb. 2008 Converting into a corporation – Dai-dong Fire Protection Co., Ltd.
- Feb. 2003 Acquiring form approvals (7 items, including Powder Extinguisher)
- Feb. 2003 Founding Dai-dong Fire Protection (Yangchon-eup, Gimpo-si)

Data Tables

Model No.	Weight (kg)	Gross weight (kg)	External diameter (mm)	Gross overall height (mm)	Discharging time (sec)	Discharging distance (m)	Extinguishing capacity unit (rating)	Charging pressure	Remarks for reference
DPF-007GG	0.7	1.5	83	309	9	2~3	Adaptable to Class A1, B1, C	0.9Mpa	General
DPF-007MM	0.7	1.5	83	309	9	2~3	Adaptable to Class A1, B1, C	0.9Mpa	Applicable to vehicles
DPF-010GM	1.0	1.71	100	258	9	2~3	Adaptable to Class A1, B1, C	0.9Mpa	Exports
DPF-015GG	1.5	2.59	117	315	10	2~3	Adaptable to Class A2, B3, C	0.9Mpa	General
DPF-015MM	1.5	2.67	100	379	10	2~3	Adaptable to Class A2, B3, C	0.9Mpa	Applicable to vehicles
DPF-025GG	2.5	4.05	135	373	9	3~4	Adaptable to Class A2, B4, C	0.9Mpa	General
DPS-030ST	3.0	3.75	130	440	11	3~4	Adaptable to Class A2, B4, C	0.9Mpa	Stainless steel
DPF-033GG	3.3	4.95	145	395	12	4~5	Adaptable to Class A3, B5, C	0.9Mpa	General
DPF-033MM	3.3	4.95	145	395	12	4~5	Adaptable to Class A3, B5, C	0.9Mpa	Applicable to vehicles
DPF-033SP	3.3	4.95	145	395	12	4~5	Adaptable to Class A3, B5, C	0.9Mpa	Speaking extinguisher
DPF-033MR	3.3	4.95	145	395	12	4~5	Adaptable to Class A3, B5, C	0.9Mpa	For vessels
DPF-033IM	3.3	5.08	141	430	12	4~5	Adaptable to Class A3, B5, C	0.9Mpa	Import products
DPF-045GG	4.5	6.6	155	455	13	5~6	Adaptable to Class A1, B1, C	0.9Mpa	General
DPF-065GG	6.5	9.42	167	525	18	5~8	Adaptable to Class A5, B8, C	0.9Mpa	General
DPS-065ST	6.5	8.89	162	520	18	5~8	Adaptable to Class A5, B10, C	0.9Mpa	Stainless steel
DPF-065MR	6.5	9.42	167	525	18	5~8	Adaptable to Class A5, B8, C	0.9Mpa	For vessels
DPF-200GG	20	34.75	250	900	41	5~7	Adaptable to Class A10, B20, C	0.9Mpa	General
DPF-600GG	60	123	387	1320	70	5~7	Adaptable to Class A10, B20, C	0.9Mpa	General

\* Workable temperature range: -20°C~+40°C





# ABC Powder Extinguisher (stored pressure type)

## 【 Features 】

- Showing the outstanding extinguishing power, it is widely used for general purposes.
- It has a pressure gauge attached and therefore it is easy to see if it is serviceable or not with the naked eye.
- It shows even, excellent discharging power as the chemicals and gas (N<sub>2</sub>) are pressurized in a single container
- Chemicals in a compressed container are safe from coagulation under humid environments
- The extinguishing agent (Ammonium phosphate: NH<sub>4</sub>H<sub>2</sub>PO<sub>4</sub>) is harmless to the human body and can be removed easily from clothes, furniture and so on.

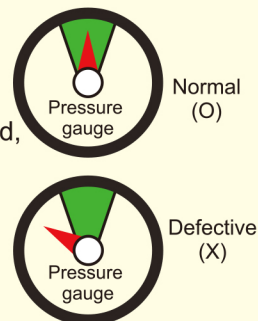
## 【 Use 】

- To be installed inside vehicles or at ordinary homes, offices, schools, plants, hazardous materials storage facilities, general buildings, and so on.



## 【 How to inspect extinguishers 】

- Check if a seal that ties up a safety pin (Strap, line, etc.) is broken.
- Check if the needle of the pressure gauge attached is at the normal state (Green zone).
- The production date should be within 10 years (Service life). If the extinguisher is over 10 years old, please dispose it and purchase a new one. (Legal requirement)
- Inquire of the manufacturer or the store about other questions.



## 【 How to use extinguishers 】



Pull the safety pin off.



Aim the nozzle at the base of the fire.



Squeeze the lever.

# Auto Diffusion Extinguisher (ABC powder)

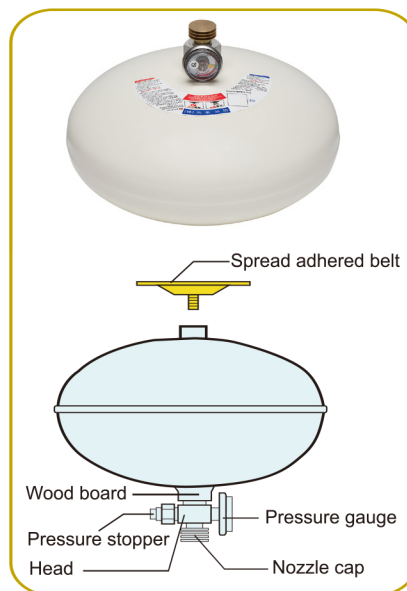
Model No.	Weight (kg)	Gross weight (kg)	Operating temperature(°C)	Dimension (mm)	Discharging time (sec)	Protection coverage	Charging pressure
DPF-030DI	3.0	4.79	72	255x255x193	10	1m x 1m	0.9Mpa

## 【 Features 】

- It is automatically operated by the detection of heat (72°C) in case of fire and extinguishes the fire.
- It has an indicative pressure gauge attached, thus being easy to inspect. (Normal: Green zone)
- It is easy to install without having to perform certain installation procedures.
- Extinguishing powder agent (Ammonium phosphate: NH<sub>4</sub>H<sub>2</sub>PO<sub>4</sub>)

## 【 Use 】

- To be installed at boiler rooms, laundries, engine rooms, substations, oils storage facilities, karaoke rooms, containers, small warehouses, and so on.



6.5kg



3kg (ST)



6.5kg (ST)



20kg



60kg

# Design Extinguisher (ABC powder)

### 【 Features 】

- Designs (Photos) desired by customers can be printed on a colored container.
- Various designs and colors can be combined.
- It goes well with places decorated with luxurious interior designs.
- European quality (CE) certificate acquired.

### 【 Use 】

- To be installed at hotels, department stores, banks, public offices, ordinary homes, business offices, schools, vehicles, subway trains, golf clubs, resort pensions, vessels, and so on.



2kg



European quality (CE)  
certificate acquired

Model No.	Weight (kg)	Gross weigh (kg)	External diameter (mm)	Overall height (mm)	Discharging time (sec)	Discharging distance (m)	Extinguishing capacity unit (rating)	Charging pressure	Workable temperature range
DPF-007CG	0.7	1.59	85	322	11	2~3	Adaptable to Class A1, B1, C	0.9Mpa	-20℃~+40℃
DPF-010CG	1.0	1.9	85	322	11	2~3	Adaptable to Class A2, B1, C	0.9Mpa	-20℃~+40℃
DPF-010CE	1.0	1.9	85	322	11	2~3	Adaptable to Class A8, B55, C	0.9Mpa	-30℃~+60℃
DPF-020CG	1.9	3.5	112	366	11	3~4	Adaptable to Class A2, B2, C	0.9Mpa	-20℃~+40℃
DPF-020CE	2.0	3.6	112	366	11	3~4	Adaptable to Class A13, B89, C	0.9Mpa	-30℃~+60℃

## Trendy Design Fire Extinguisher

- Take care of your safety by decorating your place
- Contemporary and trendy design
- Be closer, be more protected
- Perfect for safety-conscious design lovers





# Fire Blanket



<b>01</b>	Size: 1.2 x 1.2m
Fire Blanket S	Material: Glass fiber
<b>02</b>	Size: 1.2 x 1.8m
Fire Blanket M	Material: Glass fiber
<b>03</b>	Size: 1.5 x 1.8m
Fire Blanket L	Material: Glass fiber



European quality (CE)  
certificate acquired

## 【 Features 】

- Application of a material that can withstand high temperature and is fire-resistant. (Glass fiber)
- A semipermanent item that is unabsorbable and non-corrosive.
- Application of an excellent quality material verified by the European quality (CE) certificate.
- Easy to use and store in any place. (Ordinary homes, vehicles, camp sites, and other public places)



Fire in kitchen

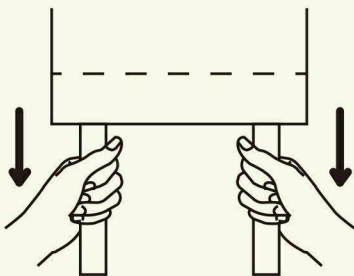


For emergency  
evacuation



Fire at camp sites

## How to use Fire Blanket



Take out the Fire Blanket by pulling  
the handle (Black strap) down.

Cover your body with the blanket and  
evacuate the scene of fire.

**(Emergency evacuation)**



Cover fire with the blanket to extinguish.  
**(Early extinguishment)**



# Components and use of ABC powder agent



class **A** Ordinary substances, such as wood and paper fire

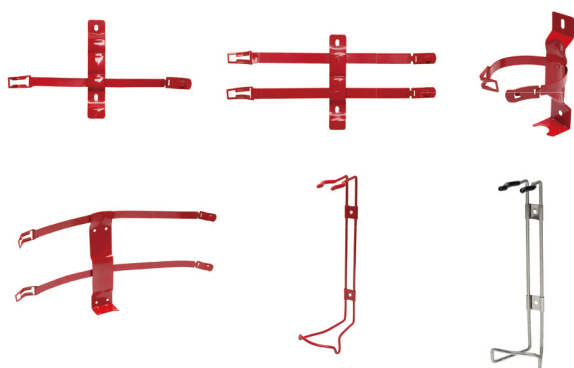
class **B** Combustibles, such as oils and paints. fire

class **C** Electric appliances fire

## 【 Features 】

- Being mainly of ammonium dihydrophosphate ( $\text{NH}_4\text{H}_2\text{PO}_4$ ), it is harmless to human and animals.
- It can be easily removed and won't damage furniture, machinery, and clothes.
- It have special coated with silicone oil which can keep it safe from coagulation and degeneration.
- This agent can be used in Class A/B/C fires.

## Other Subsidiary Items



Holder



Support



Wall-mounted



Spread adhered belt



Position sign sticker

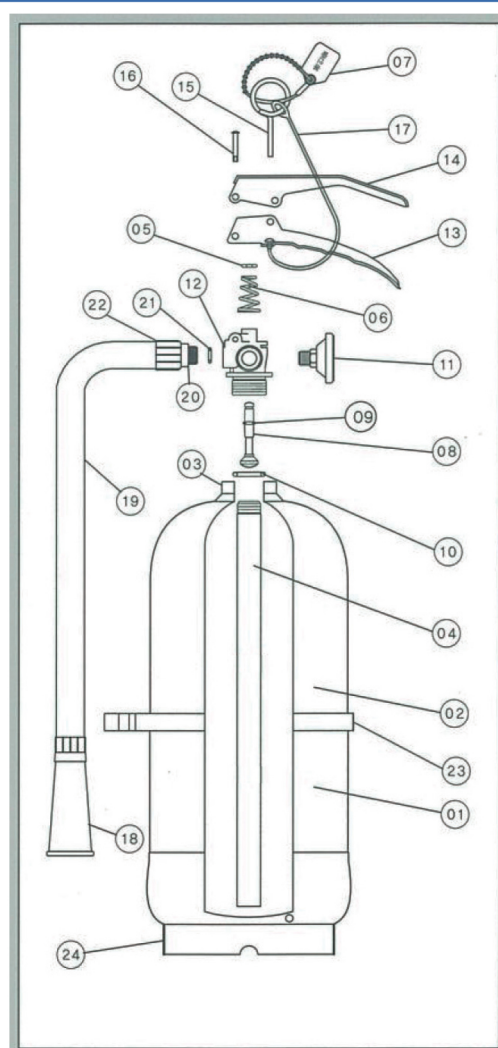


Axial light position sign



20kg extinguisher cover

## Compressed fire extinguisher structural drawing



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