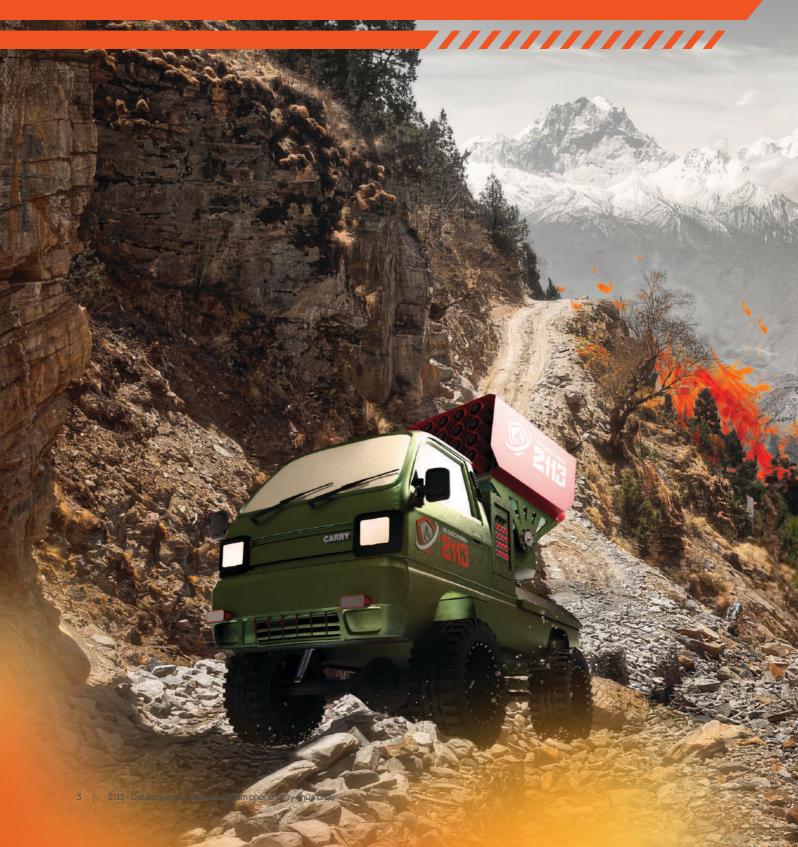


FIREFIGHTING & FIRE PROTECTION PRODUCTS CATALOGUE



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- 05 ABC DRY CHEMICAL FIRE EXTINGUISHER
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Z113 FIRE EXTINGUISHER BALL

FIRE EXTINGUISHING **CAPABILITIES**



Type A

Fires in ordinary combustible materials (such as wood, paper, plastics)



Type B

Fires in flammable liquids

Type E

Fires involving energized electrical equipment

OPERATION DESCRIPTION

- When in contact with a flame, the fire extinguisher ball will ignite and automatically activate after 3-10 seconds.
- > The discharge of extinguishing powder in the ball is performed by the bursting pressure of the gas located in the center of the ball, which has the ability to suppress the combustion reaction and isolate the fire from the air.
- It prevents the spread of combustion gases into the fire area, thereby extinguishing small, newly formed fires.

FEATURES & TECHNICAL	/	ТҮРЕ				
SPECIFICATIONS	400 g	600 g	1300 g	2000 g	4000 g	6000 g
Ball diameter	105±2mm	110±2mm	147±2mm	195±2mm	209±2mm	237±2mm
Ball weight	400±50mm	600±50mm	1150±150mm	2000±300mm	4000±300	6000±300
Activation noise	80±115dB	80±115dB	80±115dB	80±115dB	80±115dB	80±115dB
Effective extinguishing area	≤1m³	≤1m³	≤3m³	≤6m³	≤8m³	≤10m³
Activation time when in contact with fire	≤10s	≤10s	≤10s	≤10s	≤10s	≤10s



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ABC DRY CHEMICAL FIRE EXTINGUISHER

FIRE EXTINGUISHING



Type A

Fires in ordinary combustible materials (such as wood, paper, plastics)

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Type B Fires in flammable liquids



Type E

Fires involving energized electrical equipment



Type C

Gas Fire

FEATURES & TECHNICAL		TYPE		
SPECIFICATIONS	3 kG	4 kG	6 kG	8 kG
Package dimensions (length x diameter)	450x130 mm	450x140 mm	600x155 mm	580x175 mm
Packaging dimensions (length x width x height)	140x140x460 mm	150x150x460 mm	165x165x610 mm	185x185x590 mm
Dry chemical weight	3 kG	4 kG	6 kG	8 kG
Fire extinguisher weight	5 kG	6,5 kG	9,2 kG	11,5 kG
Operating temperature	-10 ÷ 60°C	-10 ÷ 60°C	-10 ÷ 60°C	-10 ÷ 60°C
Extinguishing agent composition (ABC powder)	NH4H2PO4 (NH4)2SO4	NH4H2PO4 (NH4)2SO4	NH4H2PO4 (NH4)2SO4	NH4H2PO4 (NH4)2SO4
Spray range	≥4m	≥4m	≥4m	≥4m
Discharge time	≥9s	≥13s	≥26s	≥32s
Fire extinguishing effectiveness	2A.55B	2A.55B	3A.89B	4A.144B
Equilibrium pressure (Pms)	1,5 MPa	1,5 MPa	1,5 MPa	1,5 MPa
Test pressure (Pt)	2,5 MPa	2,5 MPa	2,5 MPa	2,5 MPa
Minimum burst pressure (Pb)	5,5 MPa	5,5 MPa	5,5 MPa	5,5 MPa





ABC SPHERICAL

FIRE EXTINGUISHING



Туре А

Fires in ordinary combustible materials (such as wood, paper, plastics)



Type B Fires in flammable liquids



Type E

Fires involving energized electrical equipment



Type C Gas Fire

FEATURES & TECHNICAL	ТҮРЕ			
SPECIFICATIONS	6 kG	8 kG	12 kG	
Package dimensions (length x diameter)	205x270 mm	245x304 mm	275x304 mm	
Package dimensions (length x width x height)	280x280x290 mm	310x310x340 mm	310x310x360 mm	
Dry chemical weight	6 kG	8 kG	12 kG	
Fire extinguisher weight	9 kG	12,5 kG	19,5 kG	
Operating temperature of the fire extinguisher	-30 ÷ 60°C	-30 ÷ 60°C	-30 ÷ 60°C	
Extinguishing agent composition (ABC powder)	NH4H2PO4 (NH4)2SO4	NH4H2PO4 (NH4)2SO4	NH4H2PO4 (NH4)2SO4	
Operating temperature of the thermal sensor	68 ± 3°C	68 ± 3°C	68 ± 3°C	
Spray coverage area	12m ²	12m ²	12m ²	
Discharge time	≥9s	≥13s	≥26s	
Fire extinguishing effectiveness	3A.89B.C	4A.89B.C	6A.144B.C	
Equilibrium pressure (Pms)	1,5 MPa	1,5 MPa	1,5 MPa	
Test pressure (Pt)	2,5 MPa	2,5 MPa	2,5 MPa	
Minimum burst pressure (Pb)	5,5 MPa	5,5 MPa	5,5 MPa	





FIRE EXTINGUISHER DPCC-13

OUTSTANDING FEATURES

Extinguishes large-scale fires in hard-to-reach areas, far from water sources that ordinary fire trucks cannot access.

HIGH MOBILITY

+

Quickly deploys to extinguish fires, highly effective in extinguishing forest fires, chemical warehouses, and large-scale gas stations.

FIRE EXTINGUISHER		100MM FIRE EXTINGU	ISHER Đ	CC-100-200
Barrel Length	1.000 mm			
Bore Diameter	100 mm			
Barrel Weight	9 kg	Barrel Diameter	100 mm	Fire Extinguishing Capability Kiểu A
	200 m	Overall Length	628 mm	Projectile Type Propellant Projectile
heoretical Firing Rate 6 sh	oots/minute	Fire Extinguisher Weight	4,7 kg	Activation 0.5A electrical source
ire Extinguishing Capability	Туре А		3 kg	Energy
eployment Time	10s	ABC Extinguishing Agent Weight	o kg	Activation Mode Impact activation
inition Source	9V Battery	Maximum Range	180 m	or 5-second delay
afety Modes	3 levels			
Measurement Ra Accuracy Laser Wavelengt	1.000 mm			SURVEILLANCE CAMERA
V. J.			Scre	een IPS LCD 11 inch
J J				
NE E/			Chip	oset Snapdragon 750G
	CENTRAL CONTROL UN	п	Chip RAM	
				1 4GB/64GB
6.6 - 0	Potential for unintentional ac	tivation	RAM Batt	4 4 4 GB/64 GB ery 10.000 mAh
8.5 . U 5555		tivation parate 12V	RAM Batt Ope	l 4GB/64GB ery 10.000 mAh





SHOULDER-MOUNTED FIREFIGHTING LAUNCHER

OPCC100-13

DESCRIPTION



Personal firefighting launcher is designed based on the shoulder fire launcher, carrying 100mm fire extinguishing ammunition which has firing range further than 100 meters. This type of ammunition contains 03kg of fire extinguishing powder.

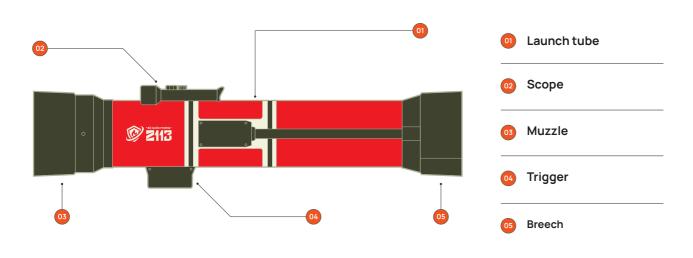


Extinguishing fires occured in difficult-to-reach locations such as corridors, balconies. The launcher can also be used for long-distance approach or between tall buildings.

The launcher has high mobility characteristic with rapid fire extinguishing capability. This product is mostly effective against chemical fire or forest







FIRE EXTINGUISHER

Launch tube length	1.000 mm
Tube Caliber	100 mm
Maximum speed	9 kg
ABC extinguishing powder mass	3 kg
Maximum range	30 m
Theoretical firing speed	6 rounds/minute
Capability of extinguishing	Туре А
Deployment duration	10 s
Activation	9V battery
Safety mode	3 modes

RED & GREEN LASER SIGHT

Power

Maximum range

20W _____ 20 ÷ 100 m



100MM FIRE EXTINGUISHING PROJECTILE DCC-100-30

Caliber	100 mm
Total length	628 mm
Weight	4,7 kg
Mass of extinguishing powder	3 kg
Max firing range	120 m
Ammunition type	Rocket
Activation source	0,5A po
Activation mode	Detona
Fire extinguishing capability	Туре А
Glass breakthrough ability (30m distance)	
 Tempered glass thickness 	10 mm
Double-layer laminated glass thickness	0 mm

100 mm
628 mm
4,7 kg
3 kg
120 m
Rocket
0,5A power supply
Detonation or 5-second delay activation
Туре А
10 mm

Safe distance from the center of explosion

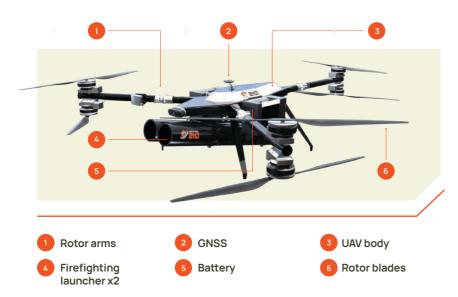


3 m



FIREFIGHTING UNMMANED AERIAL VEHICLE (UAV)

UAV-50



Highlighted feature

Dual firefighting launcher capable of carrying 02 firefighting rockets

High mobility

Extinguish fires in high-rise buildings,hard-to-reach high-altitude fire areas

TECHNICAL SPECIFICATION

UNMMANED AERIAL VEHICLE	
Dimension in operation	2500 x 2500 x600 mm
Dimension when folded	1500 x 1500 x600 mm
Maximum flight speed	70 km/h
Maximum payload	20 kg
Full payload flight time (15kg)	20 minutes
Maximum operating altitude (AGL)	500 m
Operating frequency	2,4 ÷ 2,48 GHz
Maximum transmission range	5 km
Operatable temperature	0° ÷ 40°C

FIREFIGHTING LAUNCHER MODULE

Number of launchers	02
Launcher length	1.000 mm
Unloaded mass	6 kg
Maximum shooting range	30 m



FIREFIGHTING AMMUNITION 100MM DCC-100-30



Caliber	100 mm
Ammunition length	628 mm
Ammunition weight	4,7 kg
ABC powder weight	3 kg
Maximum shooting range	120 m
Туре	Rocket
Power	0,5A power source
Activation type	On impact or 5s delay activation
Firefighting rate	Туре А
Blast radius	3 m

HANDHELD CONTROLLER		FIRE EXTINGUISHER SPRAY M	IODULE
Operating frequency	2,4 ÷ 2,48 GHz	Số lượng bình	2
Working time	6 ÷ 20h	Dung tích dung dịch chữa cháy	12 L
LCD screen size	7 inch		
Battery capacity	20.000 mAh		
Weight	1.034 kg		

LIFEBUOY & MEDICAL SUPPLY DROP MODULE

Bag dimension	260 x 300 x 260 mm
Maximum payload	15 kg
Maximum carrier size	250 x 290 x 250 mm
Control mode	Remote control
Effective range	5 km
Number of Lifebuoys	02

FIRE-EXTINGUISHER BALL DROP MODULE	
Capacity	04 balls
ABC extinguisher powder mass	12 kg



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