

widget®



Mansoor Al-Rajeh Safety Equipment & Firefighting

King Khalid road

Eastern province

Dammam

7013327940 Saudi Arabia

الراجح
AL-RAJEH



ABC DRY POWDER PORTABLE FIRE EXTINGUISHERS



Technical Data

Model	WD-FEP-1
Propellant Type	Store Pressure
Extinguishing medium	ABC Powder
Capacity(Kg)	1
Height(mm)	320
Shell Diameter(mm)	85
Working Pressure(Bar)	15
Test Pressure	30
Full Weight(Kg)	2
Discharge Time Approx.(Sec)	10
Temperature Range	-30° C ± 60° C
Fire Rating	8A 89B C
Approved to EN3	✓



ABC Dry Powder is multi-purpose for all Class A,B,C and Electrical fire risks.

widget ABC dry powder are filled with high performance ABC powder and ideal for Residential, Commercial and Industrial applications.

- ✓ Designed and approved to EN3
- ✓ Factory filled with versatile ABC dry powder for great fire knock down
- ✓ High UV resistant Polyester coating for extra protection from extremely harsh elements
- ✓ Easy squeeze-grip operation and all metal handles
- ✓ Compete with metal brackets
- ✓ Heavy duty brackets for marine and truck applications are optional



ABC DRY POWDER PORTABLE FIRE EXTINGUISHERS



Technical Data

Model	WD-FEP-2
Propellant Type	Store Pressure
Extinguishing medium	ABC Powder
Capacity(Kg)	2
Height(mm)	390
Shell Diameter(mm)	100
Working Pressure(Bar)	15
Test Pressure	30
Full Weight(Kg)	3.3
Discharge Time Approx.(Sec)	15
Temperature Range	-30° C ± 60° C
Fire Rating	13A 89B C
Approved to EN3	✓



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- ✓ Designed and approved to EN3
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- ✓ High UV resistant Polyester coating for extra protection from extremely harsh elements
- ✓ Easy squeeze-grip operation and all metal handles
- ✓ Compete with metal brackets
- ✓ Heavy duty brackets for marine and truck applications are optional

ABC DRY POWDER PORTABLE FIRE EXTINGUISHERS



Technical Data

Model	WD-FEP-4.5
Propellant Type	Store Pressure
Extinguishing medium	ABC Powder
Capacity(Kg)	4.5
Height(mm)	490
Shell Diameter(mm)	130
Working Pressure(Bar)	15
Test Pressure	30
Full Weight(Kg)	6
Discharge Time Approx.(Sec)	17
Temperature Range	-30° C ± 60° C
Fire Rating	27A 144B C
Approved to EN3	✓



ABC Dry Powder is multi-purpose for all Class A,B,C and Electrical fire risks.

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- ✓ Compete with metal brackets
- ✓ Heavy duty brackets for marine and truck applications are optional



ABC DRY POWDER

PORTABLE FIRE EXTINGUISHERS

ABC Dry Powder is multi-purpose for all A,B,C and Electrical fire risks.

widget ABC dry powder are filled with high performance ABC powder and ideal for residential, commercial and industrial applications

- ✓ Designed and approved to EN3
- ✓ Factory filled with versatile ABC dry powder for great fire knock down
- ✓ High UV resistant polyester coating for extra protection from extremely harsh elements
- ✓ Easy squeeze-grip operation and all metal handles
- Compete with metal brackets
- ✓ Heavy duty brackets for marine and truck applications are optional



Technical Data

Model	WD-FEP-6
Propellant Type	Store Pressure
Extinguishing medium	ABC Powder
Capacity(Kg)	6
Height(mm)	540
Shell Diameter(mm)	154
Working Pressure(Bar)	15
Test Pressure	30
Full Weight(Kg)	9.30
Discharge Time Approx.(Second)	17
Temperature Range	-30° C ± 60° C
Fire Rating	43A 233B C
Approved to EN3	✓



ABC DRY POWDER PORTABLE FIRE EXTINGUISHERS



ABC Dry Powder is multi-purpose for all A,B,C Electrical fire risks.

widgeet class ABC dry powder are filled with high performance ABC powder and ideal for residential, commercial and industrial applications

- ✓ Designed and approved to EN3
- ✓ Factory filled with versatile class ABC dry powder for great fire knock down
- ✓ High UV resistant polyester coating for extra protection from extremely harsh elements
- ✓ easy squeeze-grip operation and all metal handles compete with metal brackets
- ✓ Heavy duty brackets for marine and truck applications are optional



Technical Data

Model	WD-FEP-10
Propellant Type	Store Pressure
Extinguishing medium	ABC Powder
Capacity(Kg)	10
Height(mm)	600
Shell Diameter(mm)	182
Working Pressure(Bar)	15
Test Pressure	27
Full Weight(Kg)	14.10
Discharge Time Approx.(Sec)	19
Temperature Range	-30°C±60° C
Fire Rating	55A 233B C
Approved to EN3	✓



CARBON DIOXIDE(CO₂) PORTABLE FIRE EXTINGUISHERS



CO₂ for all Class B and Electrical fire risks.

widget CO₂ Fire Extinguisher leave no residue after discharge, therefore they are ideal for Class B and electrical fire risks involving electrical equipments in residential, commercial and industrial environments like computer rooms, data storage centers etc.

- ✓ Designed and approved to EN3
- ✓ Clean with no harm to machinery equipments
- ✓ High UV resistant polyester coating for extra protection from extremely harsh elements
- ✓ Chrome Plated valve with pressure release mechanism
- ✓ Fitted with anti electrostatic hose & horn for effective discharge
- ✓ Complete with metal wall brackets. Heavy duty brackets for marine and truck applications are optional



Technical Data

Model	WD-FECO2-2
Body Material	Steel
Extinguishing medium	CO ₂
Capacity(Kg)	2
Height(mm)	565
Shell Diameter(mm)	103
Working Pressure(Bar)	150
Test Pressure	250
Full Weight(Kg)	7.10
Discharge Time Approx.(Second)	6
Temperature Range	-30° C ± 60°
Fire Rating	34B
Approved to EN3	✓



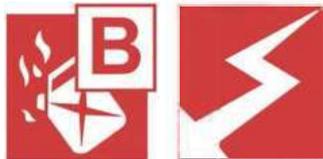
CARBON DIOXIDE(CO₂) PORTABLE FIRE EXTINGUISHERS



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- ✓ Designed and approved to EN3
- ✓ Clean with no harm to machinery equipments
- ✓ High UV resistant polyester coating for extra protection from extremely harsh elements
- ✓ Chrome Plated valve with pressure release mechanism
- ✓ Fitted with anti electrostatic hose & horn for effective discharge
- ✓ Complete with metal wall brackets. Heavy duty brackets for marine and truck applications are optional



Technical Data

Model	WD-FECO2-6
Body Material	Steel
Extinguishing medium	CO ₂
Capacity(Kg)	6
Height(mm)	745
Shell Diameter(mm)	136
Working Pressure(Bar)	150
Test Pressure	250
Full Weight(Kg)	14.40
Discharge Time Approx.(Second)	9
Temperature Range	-30° C ± 60°
Fire Rating	70B
Approved to EN3	✓



6L FOAM

PORTABLE FIRE EXTINGUISHER

widget Foam fire extinguishers provide a cleaner and also same effective alternative to dry powder extinguishers for class A and B fire risks

- ➔ Designed and approved to EN3
- ➔ All models are tested to clause 9.2 of EN3-7 for use
- ➔ High UV resistant polyester coating for extra protection from extremely harsh elements
- ➔ Polyethylene lined cylinders for corrosion resistance
- ➔ Easy squeeze-grip operation and all metal handles
- ➔ Complete with metal brackets
- ➔ Heavy duty brackets for marine and truck applications are optional



Technical Data

Model	WD-FEFM-6
Extinguishing medium	AFFF Foam
Capacity(Kg)	6
Height(mm)	537
Shell Diameter(mm)	162
Working pressure(Bar)	15
Test Pressure	30
Full Weight(Kg)	9.60
Discharge Time Approx.(Second)	22
Temperature Range	5°C -+ 60°C
Fire Rating	21A 183B
Approved to EN1866	✓



10L FOAM

PORTABLE FIRE EXTINGUISHER

widget Foam fire extinguishers provide a cleaner and also same effective alternative to dry powder extinguishers for class A and B fire risks

- ➔ Designed and approved to EN3
- ➔ All models are tested to clause 9.2 of EN3-7 for use
- ➔ High UV resistant polyester coating for extra protection from extremely harsh elements
- ➔ Polyethylene lined cylinders for corrosion resistance
- ➔ Easy squeeze-grip operation and all metal handles
- ➔ Complete with metal brackets
- ➔ Heavy duty brackets for marine and truck applications are optional



Technical Data

Model	WD-FEFM-10
Extinguishing medium	AFFF Foam
Capacity(Kg)	10
Height(mm)	620
Shell Diameter(mm)	182
Working pressure(Bar)	15
Test Pressure	30
Full Weight(Kg)	14.00
Discharge Time Approx.(Second)	30
Temperature Range	5°C -+ 60°C
Fire Rating	27A 233B
Approved to EN1866	✓



WATER

PORTABLE FIRE EXTINGUISHER



widget Water fire extinguisher is cost effective option for class A fire risks

- ▶ Designed and approved to EN3
- ▶ All models are tested to clause 9.2 of EN3-7 for use on live electrical equipment
- ▶ High UV resistant polyester coating for extra protection from extremely harsh elements
- ▶ Polyethylene lined cylinders for corrosion resistance
- ▶ Easy squeeze-grip operation and all metal handles
- ▶ Complete with metal brackets



Technical Data

Model	WD-FEWT-6
Extinguishing medium	WATER
Capacity(Kg)	6
Height(mm)	537
Shell Diameter(mm)	162
Working Pressure(Bar)	15
Test Pressure	30
Full Weight(Kg)	9.60
Discharge Time Approx.(Sec)	20
Temperature Range	5° C ± 60° C
Fire Rating	13A
Approved to EN3	✓



WATER

PORTABLE FIRE EXTINGUISHER



widget Water fire extinguisher is cost effective option for class A fire risks

- Designed and approved to EN3
- All models are tested to clause 9.2 of EN3-7 for use on live electrical equipment
- High UV resistant polyester coating for extra protection from extremely harsh elements
- Polyethylene lined cylinders for corrosion resistance
- Easy squeeze-grip operation and all metal handles
- Complete with metal brackets



Technical Data

Model	WD-FEWT-10
Extinguishing medium	WATER
Capacity(Kg)	10
Height(mm)	620
Shell Diameter(mm)	182
Working Pressure(Bar)	15
Test Pressure	30
Full Weight(Kg)	14.00
Discharge Time Approx.(Sec)	28
Temperature Range	5° C ± 60° C
Fire Rating	21A
Approved to EN3	✓



WET CHEMICAL

PORTABLE FIRE EXTINGUISHERS



widget wet chemical fire extinguishers the fire by forming a soppy form blanket over the burning oil and by cooling the oil below its ignition temperature.

- ✓ Designed and approved to EN3
- ✓ All models are tested to clause 9.2 of EN3-7 for use on live electrical equipment
- ✓ High UV resistant polyester coating for extra protection from extremely harsh elements
- ✓ Polyethylene lined cylinders for corrosion resistance
- ✓ Easy squeeze-grip operation and all metal handles
- ✓ complete with metal brackets



Technical Data

Model	WD-FEWC-6
Extinguishing Medium	Wet Chemical
Capacity(Kg)	6
Height(mm)	537
Shell Diameter(mm)	162
Working pressure(Bar)	15
Test Pressure	30
Full Weight(Kg)	9.60
Discharge Time Approx.(Second)	42
Temperature Range	5°C±60°C
Fire Rating	21A 70B 40F
Approved to EN3	✓



WET CHEMICAL

PORTABLE FIRE EXTINGUISHERS



widget wet chemical fire extinguishers the fire by forming a soppy form blanket over the burning oil and by cooling the oil below its ignition temperature.

- ✓ Designed and approved to EN3
- ✓ All models are tested to clause 9.2 of EN3-7 for use on live electrical equipment
- ✓ High UV resistant polyester coating for extra protection from extremely harsh elements
- ✓ Polyethylene lined cylinders for corrosion resistance
- ✓ Easy squeeze-grip operation and all metal handles
- ✓ complete with metal brackets



Technical Data

Model	WD-FEWC-10
Extinguishing Medium	Wet Chemical
Capacity(Kg)	10
Height(mm)	620
Shell Diameter(mm)	182
Working pressure(Bar)	15
Test Pressure	30
Full Weight(Kg)	14
Discharge Time Approx.(Second)	42
Temperature Range	5°C±60°C
Fire Rating	21A 70B 40F
Approved to EN3	✓

Trolley Type Fire Extinguishers





ABC DRY POWDER MOBILE FIRE EXTINGUISHERS



widget mobile fire extinguishers are designed for large industrial or marine fire risks where a large amount of fire extinguishing agent is required. Mobile extinguishers can be supplied in a choice of size and agents to suit specific application

ABC Powder Units

- ★ Designed and approved to EN 1866
- ★ Factory filled with versatile class ABC dry powder for great fire knock down
- ★ One person operation
- ★ Strong and stylish wheel for smooth moving



Technical Data

Model	WD-FEP-25
Extinguishing medium	ABC Powder
Capacity(Kg)	25
Height(mm)	870
Shell Diameter(mm)	250
Working pressure(Bar)	15
Test Pressure	30
Full Weight(Kg)	45
Discharge Time Approx.(Second)	30
Temperature Range	-30°C±60°C
Fire Rating	II BC
Approved to EN1866	✓



ABC DRY POWDER MOBILE FIRE EXTINGUISHERS

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ABC Powder Units

- ★ Designed and approved to EN 1866
- ★ Factory filled with versatile class ABC dry powder for great fire knock down
- ★ One person operation
- ★ Strong and stylish wheel for smooth moving



Technical Data

Model	WD-FEP-50
Extinguishing medium	ABC Powder
Capacity(Kg)	50
Height(mm)	1200
Shell Diameter(mm)	300
Working pressure(Bar)	15
Test Pressure	30
Full Weight(Kg)	77
Discharge Time Approx.(Second)	35
Temperature Range	-30°C±60°C
Fire Rating	IVB C
Approved to EN1866	✓



FOAM

MOBILE FIRE EXTINGUISHER

mobile fire extinguishers are designed for large industrial or marine fire risks where a large amount of fire extinguishing agent is required. Mobile extinguishers can be supplied in a choice of sizes and agents to suit specific applications.

Foam Units

- ✓ Designed and approved to EN1866
- ✓ Factory filled with high quality AFFF foam
- ✓ One person operation
- ✓ Strong and stylish wheel for smooth moving
- ✓ Long throw foam nozzle with grip control



Technical Data

Model	WD-FEFM-25
Extinguishing medium	AFFF Foam
Capacity(Litre)	25
Height(mm)	870
Shell Diameter(mm)	250
Working pressure(Bar)	15
Test Pressure	30
Full Weight(Kg)	50
Discharge Time Approx.(Second)	110
Temperature Range	+5°C to +60°C
Fire Rating	III B
Approved to EN1866	✓



FOAM

MOBILE FIRE EXTINGUISHER

widget mobile fire extinguishers are designed for large industrial or marine fire risks where a large amount of fire extinguishing agent is required. Mobile extinguishers can be supplied in a choice of sizes and agents to suit specific applications.

Foam Units

- ✓ Designed and approved to EN1866
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- ✓ One person operation
- ✓ Strong and stylish wheel for smooth moving
- ✓ Long throw foam nozzle with grip control

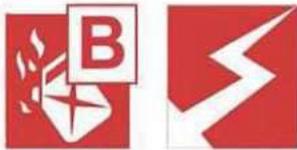


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CML: 2927672



Technical Data

Model	WD-FEFM-50
Extinguishing medium	AFFF Foam
Capacity(Litre)	50
Height(mm)	1200
Shell Diameter(mm)	300
Working pressure(Bar)	15
Test Pressure	30
Full Weight(Kg)	77
Discharge Time Approx.(Second)	35
Temperature Range	-30°C±60°C
Fire Rating	IVB C
Approved to EN1866	✓



Carbon Dioxide (CO₂)

MOBILE FIRE EXTINGUISHERS



CO₂ for all class B and Electrical fire risks

widget mobile fire extinguishers are designed for large industrial or marine fire risks where a large amount of fire extinguishing agent is required. Mobile extinguishers can be supplied in a choice of size and agents to suit specific application

CO₂ Units

- ✓ Designed and approved to EN 1866
- ✓ Clean with no harm to machinery equipments
- ✓ High UV resistant polyester coating for extra protection from extremely harsh elements
- ✓ One person operation
- ✓ Strong and stylish wheel for smooth moving



Technical Data

Model	WD-FECO2-10
Body Material	Steel
Extinguishing medium	CO ₂
Capacity(Kg)	10
Height(mm)	1220
Shell Diameter(mm)	52
Working Pressure(Bar)	70
Test Pressure	250
Full Weight(Kg)	35
Discharge Time Approx.(Sec)	22
Temperature Range	-30°C+60°C
Fire Rating	183B
Approved to EN3	✓



Carbon Dioxide (CO₂)

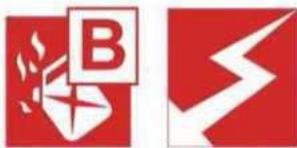
MOBILE FIRE EXTINGUISHERS

CO₂ for all class B and Electrical fire risks

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CO₂ Units

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- ✓ Clean with no harm to machinery equipments
- ✓ High UV resistant polyester coating for extra protection from extremely harsh elements
- ✓ One person operation
- ✓ Strong and stylish wheel for smooth moving



Technical Data

Model	WD-FECO2-25
Body Material	Steel
Extinguishing medium	CO ₂
Capacity(Kg)	25
Height(mm)	1305
Shell Diameter(mm)	219
Working Pressure(Bar)	70
Test Pressure	250
Full Weight(Kg)	35
Discharge Time Approx.(Sec)	219
Temperature Range	-30°C+60°C
Fire Rating	183B
Approved to EN3	✓



Carbon Dioxide (CO₂)

MOBILE FIRE EXTINGUISHERS

CO₂ for all class B and Electrical fire risks

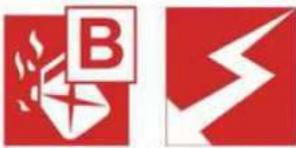
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CO₂ Units

- ✓ Designed and approved to EN 1866
- ✓ Clean with no harm to machinery equipments
- ✓ High UV resistant polyester coating for extra protection from extremely harsh elements
- ✓ One person operation
- ✓ Strong and stylish wheel for smooth moving



Technical Data



Model	WD-FECO2-25
Body Material	Steel
Extinguishing medium	CO ₂
Capacity(Kg)	50 KG
Height(mm)	1600
Shell Diameter(mm)	300
Working Pressure(Bar)	70
Test Pressure	250
Full Weight(Kg)	65
Discharge Time Approx.(Sec)	219
Temperature Range	-30°C+60°C
Fire Rating	183B
Approved to EN3	✓

Modular type fire extinguisher

Protecting your space with automatic
modular fire suppression.



AUTOMATIC DRY POWDER ABC FIRE EXTINGUISHERS



ABC Dry Powder is multi-purpose for all Class A,B,C and Electrical fire risks

widget 6 kg automatic fire extinguisher will protect most areas when no-one is around to fight a fire. it contains multi-purpose powder and fights any type of fire, Fitted to the ceiling with the supplied bracket, it's ideal for plant rooms, switch rooms, engine bays and flammable liquid stores.

- ✓ Working automatically in 68°C
- ✓ Factory filled with versatile ABC dry powder for great fire knock down
- ✓ High UV resistant polyester coating for extra protection from extremely harsh elements
- ✓ Comate with metal brackets
- ✓ Anticipated lifespan with indoor use and proper maintenance -5 to 10 years
- ✓ Suitable for boats, plant rooms, engine bays, flammable liquid stores



Technical Data

Model	WD-ATP-6
Propellant Type	Store Pressure
Extinguishing medium	ABC Powder
Capacity(Kg)	6
Height(mm)	406
Shell Diameter(mm)	229
Working pressure(Bar)	15
Test Pressure	30
Full Weight(Kg)	8.5
Discharge Time Approx.(Second)	20
Temperature Range (Degree celsius)	-5°C+60°C

AUTOMATIC DRY POWDER ABC FIRE EXTINGUISHERS



ABC Dry Powder is multi-purpose for all Class A,B,C and Electrical fire risks

widget 10 kg automatic fire extinguisher will protect most areas when no-one is around to fight a fire. It contains multi-purpose powder and fights any type of fire, Fitted to the ceiling with the supplied bracket, it's ideal for plant rooms, switch rooms, engine bays and flammable liquid stores.

- ✓ Working automatically in 68°C
- ✓ Factory filled with versatile ABC dry powder for great fire knock down
- ✓ High UV resistant polyester coating for extra protection from extremely harsh elements
- ✓ Comate with metal brackets
- ✓ Anticipated lifespan with indoor use and proper maintenance -5 to 10 years
- ✓ Suitable for boats, plant rooms, engine bays, flammable liquid stores



Technical Data

Model	WD-ATP-10
Propellant Type	Store Pressure
Extinguishing medium	ABC Powder
Capacity(Kg)	10
Height(mm)	460
Shell Diameter(mm)	280
Working pressure(Bar)	15
Test Pressure	30
Full Weight(Kg)	8.5
Discharge Time Approx.(Second)	20
Temperature Range (Degree celsius)	-5°C+60°C

AUTOMATIC FOAM FIRE EXTINGUISHERS



widget AFFF Foam 6kg automatic fire extinguishers provide a cleaner and also same effective alternative to dry powder extinguishers for class A and B fire risks

- ➔ Designed and approved to EN3
- ➔ All models are tested to clause 9.2 of EN3-7 for use
- ➔ High UV resistant polyester coating for extra protection from extremely harsh elements
- ➔ Polyethylene lined cylinders for corrosion resistance
- ➔ Anticipated lifespan with indoor use and proper maintenance-5 to 10 years
- ➔ Complete with metal brackets
- ➔ Heavy duty brackets for marine and truck applications are optional



Technical Data

Model	WD-ATF-6
Propellant Type	N2
Extinguishing medium	AFFF
Capacity(Kg)	6
Height(mm)	406
Shell Diameter(mm)	229
Working pressure(Bar)	15
Test Pressure	30
Full Weight(Kg)	8.5
Discharge Time Approx.(Second)	20
Temperature Range (Degree celsius)	-5°C+60°C

AUTOMATIC FOAM FIRE EXTINGUISHERS



widget AFFF Foam 10kg automatic fire extinguishers provide a cleaner and also same effective alternative to dry powder extinguishers for class A and B fire risks

- ➔ Designed and approved to EN3
- ➔ All models are tested to clause 9.2 of EN3-7 for use
- ➔ High UV resistant polyester coating for extra protection from extremely harsh elements
- ➔ Polyethylene lined cylinders for corrosion resistance
- ➔ Anticipated lifespan with indoor use and proper maintenance-5 to 10 years
- ➔ Complete with metal brackets
- ➔ Heavy duty brackets for marine and truck applications are optional



Technical Data

Model	WD-ATF-10
Propellant Type	N2
Extinguishing medium	AFFF
Capacity(Kg)	10
Height(mm)	460
Shell Diameter(mm)	280
Working pressure(Bar)	15
Test Pressure	30
Full Weight(Kg)	15
Discharge Time Approx.(Second)	20
Temperature Range (Degree celsius)	-5°C+60°C

AUTOMATIC CLEAN AGENT FIRE EXTINGUISHER

FK-5-1-12 Fire Suppression Agent



DESCRIPTION

Safe to use on all your sensitive equipment, the WIDGET Clean Agent Type Fire Extinguisher brings you the added benefit of being the world's most advanced, and by far the most eco-friendly.

FK 1230 (FK-5-1-12) agent complies with NFPA Standard 2001 standard for Clean Agent fire Extinguishing systems, EPA SNAP Program (Significant New Alternate Policy)

These agents are classified as suitable for use in occupied areas and are considered to have no ozone depleting potential (ODP)

FK 1230 (FK-5-1-12) fire suppressant can be safely used where people are present.

FK 1230 (FK-5-1-12) systems reach extinguishing levels in 10 seconds or less, stopping ordinary combustibles, electrical,

and flammable liquid fires before they cause significant damage.

That's the fastest fire protection available, period.

When fire is extinguished this quickly, it means less damage, lower repair costs, and an extra margin of safety for people.

It also means less downtime and disruption of business.



Technical Data

Model	WD-ATCA-6
Propellant Type	Dry Nitrogen
Extinguishing medium	CLEAN AGENT
Capacity KG	6
Height(mm)	406
Shell Diameter(mm)	229
Working pressure(Bar)	15
Test Pressure	30
Full Weight(Kg)	8.5
Discharge Time Approx.(Second)	20 Sec
Temperature Range (Degree celsius)	-30°C to +60°C

Special agent's type fire extinguishers

Designed for unique fire risks beyond common combustible flammable liquids, and. Electrical Hazard s



CLEAN AGENT FIRE EXTINGUISHER FK-5-1-12 Fire Suppression Agent



DESCRIPTION

Safe to use on all your sensitive equipment, the WIDGET Clean Agent Type Fire Extinguisher brings you the added benefit of being the world's most advanced, and by far the most eco-friendly.

FK 1230 (FK-5-1-12) agent complies with NFPA Standard 2001 standard for Clean Agent fire Extinguishing systems, EPA SNAP Program (Significant New Alternate Policy)

These agents are classified as suitable for use in occupied areas and are considered to have no ozone depleting potential (ODP)

FK 1230 (FK-5-1-12) fire suppressant can be safely used where people are present.

FK 1230 (FK-5-1-12) systems reach extinguishing levels in 10 seconds or less, stopping ordinary combustibles, electrical,

and flammable liquid fires before they cause significant damage.

That's the fastest fire protection available, period.

When fire is extinguished this quickly, it means less damage, lower repair costs, and an extra margin of safety for people.

It also means less downtime and disruption of business.



Technical Data

Model	WD - FECA-4.5
Propellant Type	Dry Nitrogen
Extinguishing medium	CLEAN AGENT
Capacity KG	4.5
Height(mm)	460
Shell Diameter(mm)	150
Working pressure(Bar)	15
Test Pressure	35
Full Weight(Kg)	6
Discharge Time Approx.(Second)	13 Sec
Temperature Range (Degree celsius)	-30°C to +60°C

CLEAN AGENT FIRE EXTINGUISHER

FK-5-1-12 Fire Suppression Agent



DESCRIPTION

Safe to use on all your sensitive equipment, the WIDGET Clean Agent Type Fire Extinguisher brings you the added benefit of being the world's most advanced, and by far the most eco-friendly.

FK 1230 (FK-5-1-12) agent complies with NFPA Standard 2001 standard for Clean Agent fire Extinguishing systems, EPA SNAP Program (Significant New Alternate Policy)

These agents are classified as suitable for use in occupied areas and are considered to have no ozone depleting potential (ODP)

FK 1230 (FK-5-1-12) fire suppressant can be safely used where people are present.

FK 1230 (FK-5-1-12) systems reach extinguishing levels in 10 seconds or less, stopping ordinary combustibles, electrical,

and flammable liquid fires before they cause significant damage.

That's the fastest fire protection available, period.

When fire is extinguished this quickly, it means less damage, lower repair costs, and an extra margin of safety for people.

It also means less downtime and disruption of business.



IS:15683:2018



CML: 2927672



Technical Data

Model	WD - FECA-6
Propellant Type	Dry Nitrogen
Extinguishing medium	CLEAN AGENT
Capacity KG	6
Height(mm)	540
Shell Diameter(mm)	154
Working pressure(Bar)	15
Test Pressure	35
Full Weight(Kg)	9.30
Discharge Time Approx.(Second)	15-18 Sec
Temperature Range (Degree celsius)	-30°C to +60°C

CLEAN AGENT FIRE EXTINGUISHER

FK-5-1-12 Fire Suppression Agent



DESCRIPTION

Safe to use on all your sensitive equipment, the WIDGET Clean Agent Type Fire Extinguisher brings you the added benefit of being the world's most advanced, and by far the most eco-friendly.

FK 1230 (FK-5-1-12) agent complies with NFPA Standard 2001 standard for Clean Agent fire Extinguishing systems, EPA SNAP Program (Significant New Alternate Policy)

These agents are classified as suitable for use in occupied areas and are considered to have no ozone depleting potential (ODP)

FK 1230 (FK-5-1-12) fire suppressant can be safely used where people are present.

FK 1230 (FK-5-1-12) systems reach extinguishing levels in 10 seconds or less, stopping ordinary combustibles, electrical,

and flammable liquid fires before they cause significant damage.

That's the fastest fire protection available, period.

When fire is extinguished this quickly, it means less damage, lower repair costs, and an extra margin of safety for people.

It also means less downtime and disruption of business.



IS:15683:2018



CML : 2927672



Technical Data

Model	WD - FECA- 10
Propellant Type	Dry Nitrogen
Extinguishing medium	CLEAN AGENT
Capacity KG	10
Height(mm)	550
Shell Diameter(mm)	175
Working pressure(Bar)	15
Test Pressure	35
Full Weight(Kg)	13.8
Discharge Time Approx.(Second)	15-18 Sec
Temperature Range (Degree celsius)	-30°C to +60°C

LITHIUM-ION FIRE EXTINGUISHERS WATER EMULSION EXTINGUISHER



Stop lithium-ion battery fires fast

Lithium-ion batteries have become an integral part of our modern lives powering everything from smartphones and laptops, to cordless tools and electric vehicles. However, they come with inherent dangers that cannot be ignored. Fire can spread – rapidly – causing devastation to not only treasured possessions, property and homes, but also people's lives.

Conventional fire extinguishers cannot effectively extinguish a lithium-ion battery fire. Only a specialist extinguisher such as our Widget extinguisher is suitable on this type of fire.

4.5 ltr Widget Lithium-Ion Battery Fire Extinguisher

The number of fires caused by exploding lithium-ion batteries in e-scooters and e-bikes alone soared by almost 150% in 2021. Our 4.5 ltr Widget units are designed to safeguard these devices with a power range up to 900Wh, perfect for manufacturers and rental services.



Technical Data

Model	WD-FEL- 4.5
Propellant Type	Dry Nitrogen
Extinguishing medium	WATER BASED FIRE FIGHTING GEL
Capacity LTR	4.5
Height(mm)	490
Shell Diameter(mm)	130
Working pressure(Bar)	15
Test Pressure	30
Full Weight(Kg)	6
Discharge Time Approx.(Second)	17
Temperature Range (Degree celsius)	-5°C+60°C

LITHIUM-ION FIRE EXTINGUISHERS WATER EMULSION EXTINGUISHER



Stop lithium-ion battery fires fast

Lithium-ion batteries have become an integral part of our modern lives powering everything from smartphones and laptops, to cordless tools and electric vehicles. However, they come with inherent dangers that cannot be ignored. Fire can spread – rapidly – causing devastation to not only treasured possessions, property and homes, but also people's lives.

Conventional fire extinguishers cannot effectively extinguish a lithium-ion battery fire. Only a specialist extinguisher such as our Widget extinguisher is suitable on this type of fire.

6 ltr Widget Lithium-Ion Battery Fire Extinguisher

The number of fires caused by exploding lithium-ion batteries in e-scooters and e-bikes alone soared by almost 150% in 2021. Our 6 ltr Widget units are designed to safeguard these devices with a power range up to 900Wh, perfect for manufacturers and rental services.



Technical Data

Model	WD-FEL- 6
Propellant Type	Dry Nitrogen
Extinguishing medium	WATER BASED FIRE FIGHTING GEL
Capacity LTR	6
Height(mm)	540
Shell Diameter(mm)	154
Working pressure(Bar)	15
Test Pressure	30
Full Weight(Kg)	9.30
Discharge Time Approx.(Second)	17
Temperature Range (Degree celsius)	-5°C+60°C

LITHIUM-ION FIRE EXTINGUISHERS WATER EMULSION EXTINGUISHER



Stop lithium-ion battery fires fast

Lithium-ion batteries have become an integral part of our modern lives powering everything from smartphones and laptops, to cordless tools and electric vehicles. However, they come with inherent dangers that cannot be ignored. Fire can spread – rapidly – causing devastation to not only treasured possessions, property and homes, but also people's lives.

Conventional fire extinguishers cannot effectively extinguish a lithium-ion battery fire. Only a specialist extinguisher such as our Widget extinguisher is suitable on this type of fire.

4.5 ltr Widget Lithium-Ion Battery Fire Extinguisher

The number of fires caused by exploding lithium-ion batteries in e-scooters and e-bikes alone soared by almost 150% in 2021. Our 4.5 ltr Widget units are designed to safeguard these devices with a power range up to 900Wh, perfect for manufacturers and rental services.



Technical Data

Model	WD-FEL- 4.5
Propellant Type	Dry Nitrogen
Extinguishing medium	WATER BASED FIRE FIGHTING GEL
Capacity LTR	4.5
Height(mm)	490
Shell Diameter(mm)	130
Working pressure(Bar)	15
Test Pressure	30
Full Weight(Kg)	6
Discharge Time Approx.(Second)	17
Temperature Range (Degree celsius)	-5°C+60°C



CLASS-D TYPE METAL FIRE EXTINGUISHER



The WIDGET extension applicator is particularly suited for fighting CLASS D fires. It allows the operator to stand away from the extreme heat and toxic fumes caused by burning material. The easily controlled, even discharge provides a non-dispersing application of the agent. The extension applicator may be quickly detached to provide a straight stream of chemical where greater range is required.

WIDGET contains a Ternary eutectic-based dry powder extinguishing agent. Heat from the fire causes it to cake and form a crust excluding air and dissipating heat from burning metal. Metal fires involving magnesium, sodium, potassium, and sodium-potassium alloys can be successfully extinguished with this extinguisher. There is data showing that zirconium, uranium, titanium, and powdered aluminum fires can be controlled.



Technical Data

Model	WD-FED- 4.5
Propellant Type	Dry Nitrogen
Extinguishing medium	TEC POWDER
Capacity KG	4.5
Height(mm)	460
Shell Diameter(mm)	150
Working pressure(Bar)	15
Test Pressure	30
Full Weight(Kg)	6
Discharge Time Approx.(Second)	13
Temperature Range (Degree celsius)	-30°C TO + 55°C

CLASS-D TYPE METAL FIRE EXTINGUISHER



The WIDGET extension applicator is particularly suited for fighting CLASS D fires. It allows the operator to stand away from the extreme heat and toxic fumes caused by burning material. The easily controlled, even discharge provides a non-dispersing application of the agent. The extension applicator may be quickly detached to provide a straight stream of chemical where greater range is required.

WIDGET contains a Ternary eutectic-based dry powder extinguishing agent. Heat from the fire causes it to cake and form a crust excluding air and dissipating heat from burning metal. Metal fires involving magnesium, sodium, potassium, and sodium-potassium alloys can be successfully extinguished with this extinguisher. There is data showing that zirconium, uranium, titanium, and powdered aluminum fires can be controlled.



Technical Data

Model	WD-FED- 6
Propellant Type	Dry Nitrogen
Extinguishing medium	TEC POWDER
Capacity KG	6
Height(mm)	480
Shell Diameter(mm)	160
Working pressure(Bar)	15
Test Pressure	30
Full Weight(Kg)	8
Discharge Time Approx.(Second)	13
Temperature Range (Degree celsius)	-30°C TO + 60°C



CLASS-D TYPE METAL FIRE EXTINGUISHER



The WIDGET extension applicator is particularly suited for fighting CLASS D fires. It allows the operator to stand away from the extreme heat and toxic fumes caused by burning material. The easily controlled, even discharge provides a non-dispersing application of the agent. The extension applicator may be quickly detached to provide a straight stream of chemical where greater range is required.

WIDGET contains a Ternary eutectic-chloride-based dry powder extinguishing agent. Heat from the fire causes it to cake and form a crust excluding air and dissipating heat from burning metal. Metal fires involving magnesium, sodium, potassium, and sodium-potassium alloys can be successfully extinguished with this extinguisher. There is data showing that zirconium, uranium, titanium, and powdered aluminum fires can be controlled.



Technical Data

Model	WD-FED- 10
Propellant Type	Dry Nitrogen
Extinguishing medium	TEC POWDER
Capacity KG	10
Height(mm)	520
Shell Diameter(mm)	175
Working pressure(Bar)	15
Test Pressure	35
Full Weight(Kg)	12
Discharge Time Approx.(Second)	13
Temperature Range (Degree celsius)	-30°C TO + 60°C

Foam concentrates AFFF

Aqueous Film Forming Foam (AFFF) is a fire suppressant used to extinguish flammable liquid fires such as fuel fires.



DESCRIPTION:

Aqueous Film Forming Foam concentrate (AFFF), formulated with new generation AFFF fluorinated surfactants which are environmentally safer. SAFEPRO AFFF is formulated with fluorinated surfactant, synthetic surfactant, solvent and blended with preservatives and stabilizers. It produces thin strong film on hydrocarbon fuel surface. The foam spreads rapidly on fuel surface due to positive spreading provided by fluorinated surfactants and the foam blanket excludes oxygen from the fuel surface and provides cooling effect leading to fast flame knockdown and extinguishment. AFFF is intended for use at 3% solution in fresh, sea/salt or hard water.

APPLICATION:

SAFEPRO AFFF is suitable for class B fires of hydrocarbons like crude oil, gasoline, diesel, kerosene etc in sectors like refineries tank terminals, process areas, power stations, offshore and onshore installation etc. AFFF can also be used as a wetting agent in combating fires in class A materials such as wood, paper, rubber and tyres.

COMPATIBILITY:

SAFEPRO AFFF is compatible with dry powders and other equivalent foams.

STORAGE AND SHELF LIFE:

When stored in sealed original containers, the product has a long shelf life of 10 years. The shelf life of foam is also dependent on the storage temperatures and conditions. Recommended storage temperature 0°C to 50°C. The product can withstand intermittent short time exposure up to 55°C. Ensure that the containers are not directly exposed to sunlight and heat. It is unaffected by freeze/thaw cycles.



TECHNICAL DETAILS

Parameters	AFFF 3%
Appearance	Light Brown
Sp. Gravity	1.02 +/- 0.01
pH Value	7.5 +/- 1
Viscosity	< 10 cSt
Freezing point	-1° C
Storage Temp	17° C To 49° C

DESCRIPTION:

Aqueous Film Forming Foam concentrate (AFFF), formulated with new generation AFFF fluorinated surfactants which are environmentally safer. SAFEPRO AFFF is formulated with fluorinated surfactant, synthetic surfactant, solvent and blended with preservatives and stabilizers. It produces thin strong film on hydrocarbon fuel surface. The foam spreads rapidly on fuel surface due to positive spreading provided by fluorinated surfactants and the foam blanket excludes oxygen from the fuel surface and provides cooling effect leading to fast flame knockdown and extinguishment. AFFF is intended for use at 6% solution in fresh, sea/salt or hard water.

APPLICATION:

SAFEPRO AFFF is suitable for class B fires of hydrocarbons like crude oil, gasoline, diesel, kerosene etc in sectors like refineries tank terminals, process areas, power stations, offshore and onshore installation etc. AFFF can also be used as a wetting agent in combating fires in class A materials such as wood, paper, rubber and tyres.

COMPATIBILITY:

SAFEPRO AFFF is compatible with dry powders and other equivalent foams.

STORAGE AND SHELF LIFE:

When stored in sealed original containers, the product has a long shelf life of 10 years. The shelf life of foam is also dependent on the storage temperatures and conditions. Recommended storage temperature 0°C to 50°C. The product can withstand intermittent short time exposure up to 55°C. Ensure that the containers are not directly exposed to sunlight and heat. It is unaffected by freeze/thaw cycles.



TECHNICAL DETAILS

Parameters	AFFF 6%
Appearance	Light Brown
Sp. Gravity	1.01 +/- 0.01
pH Value	7.5 +/- 1
Viscosity	< 5 cSt
Freezing point	-1° C
Storage Temp	17° C To 49° C



DESCRIPTION:

widget AFFF

Aqueous Film Forming Foam concentrate (AFFF), formulated with new generation AFFF fluorinated surfactants which are environmentally safer. SAFEPRO AFFF is formulated with fluorinated surfactant, synthetic surfactant, solvent and blended with preservatives and stabilizers. It produces thin strong film on hydrocarbon fuel surface. The foam spreads rapidly on fuel surface due to positive spreading provided by fluorinated surfactants and the foam blanket excludes oxygen from the fuel surface and provides cooling effect leading to fast flame knockdown and extinguishment. AFFF is intended for use at 1/3/6% solution in fresh, sea/salt or hard water.

APPLICATION:

SAFEPRO AFFF is suitable for class B fires of hydrocarbons like crude oil, gasoline, diesel, kerosene etc in sectors like refineries tank terminals, process areas, power stations, offshore and onshore installation etc. AFFF can also be used as a wetting agent in combating fires in class A materials such as wood, paper, rubber and tyres.

PROPORTIONING AND DISCHARGE DEVICES:

AFFF can be used with all types of foam proportioning and discharge devices such as portable and fixed (in-line) proportioners, branchpipes, balance pressure variable flow proportioners, bladder tanks ratio controllers and around-the-pump proportioners, spray fog nozzles, monitors, foam makers, foam chambers, foam pourers, rim seal foam pourers, sprinklers etc.

COMPATIBILITY:

SAFEPRO AFFF is compatible with dry powders and other equivalent foams.

STORAGE AND SHELF LIFE:

When stored in sealed original containers, the product has a long shelf life of 10 years. The shelf life of foam is also dependent on the storage temperatures and conditions. Recommended storage temperature 0°C to 50°C. The product can withstand intermittent short time exposure up to 55°C. Ensure that the containers are not directly exposed to sunlight and heat. It is unaffected by freeze/thaw cycles.

ENVIRONMENTAL INFORMATION:

Being based on fluorinated surfactants, AFFF is environmentally safe, bio-degradable, low toxic to the aquatic organisms. The handling of spills of concentrate or foam solution should however be undertaken according to local regulations. Normally sewage systems can dispose foam solution based on this type of foam concentrate, but local sewage operators should be consulted in this respect. Refer MSDS for additional information.

PACKAGING:

The product is available in 3 litre, 20 litre, 200 litre cans.



TECHNICAL DETAILS

Parameters	AFFF 1%	AFFF 3%	AFFF 6%
Appearance	Light Brown	Light Brown	Light Brown
Sp. Gravity	1.03 ± 0.01	1.02 ± 0.01	1.01 ± 0.01
pH Value	7.5 ± 1	7.5 ± 1	7.5 ± 1
Viscosity	< 15 cSt	< 10 cSt	< 5 cSt
Freezing Point	-1°C	-1°C	-1°C

* Also available in Freeze Protected Type

** Value depends equipment used and system parameters



dry chemical powder

fire extinguishing agent that contains 40%,50%,90% Mono**A**ammonium Phosphate (MAP) and is designed for use on Class A, B, and C fires.



widget

MONO AMMONIUM PHOSPHATE BASE DRY CHEMICAL POWDER
FOAM COMPATIBLE TYPE

FOR CLASS **A B & C** FIRE

QUANTITY : KGS
NETT WT : KGS
GROSS WT : KGS
BATCH NO :
MONTH OF MFG :

78-4308
C.M/L : 7800087720

IMPORTER: MANSOOR AL RAJEH SAFETY EQUIPMENT & FIREFIGHTING EST
LOCATION : DAMMAM - KING KHALED ST
EMAILID: sales@safety-ar.com

widget

ABC FIRE EXTINGUISHING DRY CHEMICAL POWDER

1. Keep container or bag tightly sealed.
2. Dry chemical powder must be kept moisture free to prevent caking and loss of extinguishing effectiveness.
3. Keep away from children.
4. Never mix this agent with any other type as it could lead to chemical reaction causing personal injury or damage may result. Use only in ABC type extinguishers as specified in recharge instructions, excessive internal pressure may result from mixing dissimilar type of agents such as (Ammonium Phosphate and Bicarbonate types.)
5. Avoid inhaling agent, use NIOSH / MSHA Schedule TC-21C approved respirator for protection against excessive dust levels.
6. In case of eye contact, flush thoroughly with water for 15 minutes and seek medical attention.
7. Agent is non Toxic but cause skin irritation, if irritation occurs, then clean contact area with soap and flush thoroughly with water. If required, seek medical attention.
8. Refer to Material Safety Data Sheet or further information.

INGREDIENT CAS NO.
MONO AMMONIUM PHOSPHATE 7722-76-1
AMMONIUM SULPHATE 7783-20-2
AMORPHOUS SILICA 7631-86-9
ATTAPULGUS CLAY 8531-19-3
METHYL HYDROGEN POLYSILOXANE 8348-07-0

widget

Suitable for class **B & C** fire

Quantity :
Batch No. :
Month & Year :
Nett Wt. :
Gross Wt. :
M.R.P. : Rs. (incl. of all Taxes)

IS : 4308
C.M/L : 7800087720

FOR INDUSTRIAL USE

IMPORTER: MANSOOR AL RAJEH SAFETY EQUIPMENT & FIREFIGHTING EST
LOCATION : DAMMAM - KING KHALED ST
EMAILID: sales@safety-ar.com

COUNTRY OF ORIGIN : INDIA

Dry chemical powders are important fire fighting agents: The main advantage-is- practically immediate success of extinguishing a fire. Furthermore one can use dry powders for extinguishing large scale fires, spillage fires and three dimensional fires.

Mono Ammonium Phosphate is one of the important base in use since very long time. It is very popular as it is user-friendly extinguishing medium for Class A, B, & C fires.

Mono Ammonium Phosphate base material is mixed with other ingredients to improve flow characteristics and expelling properties.

Powder is siliconised to impart excellent resistance to climatic changes.

APPLICATION

widget ABC powder is suitable for use in all types of portable fire extinguishers, mobile extinguishers and fixed installations. Dry propelling agents such as N₂ or CO₂ can be used.

widget ABC is suitable for A Class, B Class and C Class fire risk:

Class A fires involving wood, paper, tyres, coal, film, textile etc.

Class B fires involving petrol, diesel, kerosene, oil, alcohols etc.

Class C fires involving gases as Methane, Propane, Acetylene etc.

TECHNICAL DETAILS

Property	Typical Values
Appearance	Yellow coloured free flowing powder
Apparent Density	0.75 – 1.10 gm/cc
Water Repellence	< 1.5 %
Moisture Content	< 0.25 %
Flowability	> 50 gm/sec
Particle Size Distribution	
Range	(% Retained)
40 Mesh/0.425mm	0
100 Mesh/0.150mm	2 - 15
200 Mesh/0.075mm	18 - 28
325 Mesh/0.45mm	18 -32
Bottom pan	25 - 62



Dry chemical powders are essential fire fighting tools because they are dependable, fluid, and simple to use. Dry chemical powders can be created with one base or several bases and a variety of base materials. One of the significant bases that has been around for a very long time is sodium bicarbonate. Due to the fact that it offers an extinguishing medium that is highly reliable, economical, and user-friendly, it is still very popular.

To enhance the flow characteristics and expelling properties, other ingredients are combined with the sodium bicarbonate base material.

In order to add excellent water repellence, powder is siliconized.

For all B and C class fires involving gases and flammable liquids like petrol, diesel, kerosene, oils and alcohols, SAFEPRO BC is the best option.

TECHNICAL DETAILS

Property	Typical Values
Appearance	White Coloured free flowing powder
Apparent Density	0.55 - 0.7 gm/cc
Water Repellence	< 1.5 %
Moisture Content	< 0.25 %
Flowability	> 50 gm/sec
Particle Size Distribution	
Range	(% Retained)
40 Mesh/0.425mm	0
100 Mesh/0.150mm	0-2
200 Mesh/0.075mm	0-10
325 Mesh/0.45mm	10-35
Bottom pan	35-90



Description

The standalone smoke detector AW-D611 is a photodetector that uses the most advanced optical sensing chamber. It is designed to provide open area protection without wiring, and it is easy to install and construct.

The red LED indicator on the detector can provide a visibility alarm in all directions. It flashes once every minute, indicating that the detector is working. When a fire alarm occurs, the LED indicator will be always on until the smoke concentration is lower than the alarm threshold. When the battery is under low voltage, the LED indicator will flash and the buzzer will beep.

The test button is used to test whether the detector works normally. Each time the button is pressed, the buzzer emits a beep, and the red indicator flashes. The button can be used for local mute during a fire.



Features

- ✓ Surface mounting
- ✓ Loud sound warning
- ✓ LED indicator
- ✓ Wireless connection, easy to install
- ✓ Automatic alarm when under low battery voltage
- ✓ Complies with the latest EN-14604 standards

Technical Specification

Operating Voltage	9VDC (with battery 6F22)
Operating Current	Monitoring status \leq 8 μ A, alarm status \leq 20mA
Operating Temperature	-10 $^{\circ}$ C ~ 55 $^{\circ}$ C, relative humidity: \leq 95% (non-condensing)
Protection Class	IP20
Application	For indoor use only
Smoke Alarm Sensitivity	0.18 to 0.26 dBm
Alarm Level	\geq 85dB@3m and \geq 93dB@1m
Material	ABS
Color	White
Size	105mm*105mm*43mm
Weight	About 130g

The AW-D612 standalone fixed heat and rate-of-rise temperature sensors offer expanded fire detection and installation flexibility. They are ideal for hard-to-wire locations and applications that require more than smoke detection. This is a fast and easy install with no wires to run.

The detector contains a built-in fixed temperature sensor, which will signal an alarm if the environmental temperature rises above 57°C or a rapid rise in temperature in the surrounding area. The rate-of-rise temperature is 10°C or more per 2 minutes.

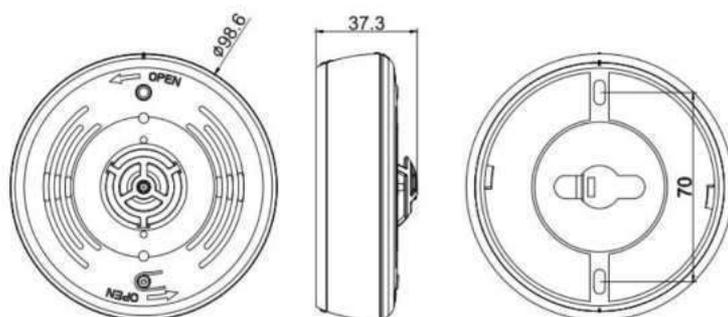
The detector complies with BS 5446-2:2003 approved for commercial and residential applications.



Features

- ✓ Easy to install, mounting bracket included
- ✓ High quality durable sensor
- ✓ Loud 85dB alarm and LED warning indicator
- ✓ Excellent reliability and high stability
- ✓ Suitable for all families and other places where needs
- ✓ Meets all requirements of latest BS5446-2 standard

Installation



Technical Specification

Model	AW-D612
Operating Voltage	9VDC(with battery 6F22)
Operating current	monitoring status≤8uA, alarm status≤20mA
Fix temperature Alarm	57°C (135°F) A2R
Rate of rise Alarm	≥10°C/2 Min. A2R
Alarm SPL	≥85dB @3m
Low battery warning voltage	≤7.6V
Battery Life	≥1 Year
Indicator	Normal: blinking Alarm: lighting
Environmental	Temperature range: -10 to 50°C (14~122°F) Humidity: 5 to 95% RH, non-condensing
Materials and colors	ABS, white
Size	Φ98.6mm * 37.3mm (with base)
Weight	About 120g

The detector is a photodetector that uses the most advanced optical sensing chamber. The detector is designed to provide open area protection without wiring and easy to install and construct;

The red LED on each detector provides a local 360° visible alarm indication. They flash once every minute, indicating that the power is on and the detector is working. When an alarm occurs, the red LED is on; when the battery is low, the red LED will flash and will beep. The red LED will be on when the fire alarm is activated, until the smoke concentration is lower than the alarm threshold.

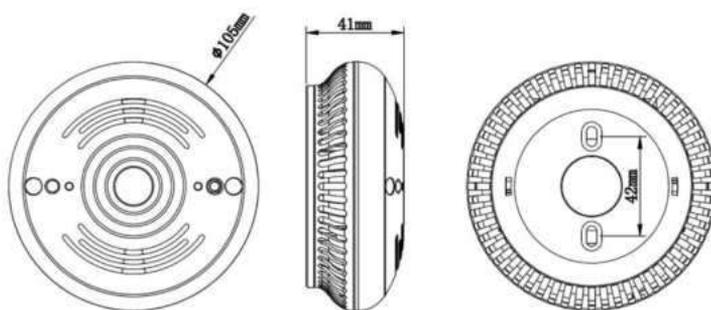
The test button is used to test whether the detector works normally; each time the buzzer is pressed, the buzzer emits a beep, the red LED flashes, and simulates a fire alarm; this button can be used for local mute during a fire.



Features

- ✓ Easy to install, mounting bracket included
- ✓ High quality durable sensor
- ✓ Loud 85dB alarm and LED warning indicator
- ✓ Excellent reliability and high stability
- ✓ Suitable for all families and other places where needs
- ✓ Meets all requirements of latest EN14604 standard

Installation



Technical Specification

Model	AW-D615
Operating Voltage	3VDC(with battery CR123)
Operating current	monitoring status $\leq 8\mu\text{A}$, alarm status $\leq 20\text{mA}$
Smoke Alarm Sensitivity	0.18-0.30dB/m
Smoke Alarm	$\geq 85\text{dB @}3\text{m}$
Low battery alarm voltage	$\leq 2.4\text{V}$
Battery life	≥ 10 Years
Indicator	Normal: blinking Alarm: lighting
Environmental	Temperature range: -10 to 55°C ($14\sim 131^{\circ}\text{F}$) Humidity: 5 to 95% RH, non-condensing
Materials and colors	ABS, white
Size	$\phi 105\text{mm} * 41\text{mm}$ (with cover)
Weight	About 120g

The detector is a temperature detector using the best hot runner and is very responsive. The detector is designed to provide open area protection without wiring and easy to install and construct;

The red LED on each detector provides a local 360° visible alarm indication. They flash once every minute, indicating that the power is on and the detector is working. When an alarm occurs, the red LED is on; when the battery is low, the red LED will flash and will beep. The red LED will be on when the fire alarm is activated, until the smoke concentration is lower than the alarm threshold.

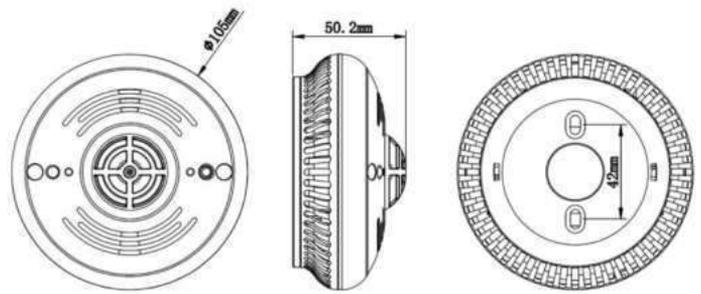
The test button is used to test whether the detector works normally; each time the buzzer is pressed, the buzzer emits a beep, the red LED flashes, and simulates a fire alarm; this button can be used for local mute during a fire.



Features

- ✓ Easy to install, mounting bracket included
- ✓ High quality durable sensor
- ✓ Loud 85dB alarm and LED warning indicator
- ✓ Excellent reliability and high stability
- ✓ Suitable for all families and other places where needs
- ✓ Meets all requirements of latest BS5446-2 standard

Installation



Technical Specification

Model	AW-D616
Operating Voltage	3VDC(with battery CR123)
Operating current	monitoring status≤8uA, alarm status≤20mA
Fix temperature Alarm:	57°C (135°F) A2R
Rate of rise Alarm:	≥10°C/2M A2R
Alarm SPL:	≥85db@3m
Low battery alarm voltage	≤2.4V
Battery life	≥10 Years
Indicator	Normal: blinking Alarm: lighting
Environmental	Temperature range: -10 to 50°C (14~122°F) Humidity: 5 to 95% RH, non-condensing
Materials and colors	ABS, white
Size	φ 105mm * 50.2mm (with cover)
Weight	About 120g

The AW-CSD311 conventional photo-electronic smoke detector uses a state of the art optical sensing chamber. This detector is designed to provide open area protection and to be used with the AW-CFP2166 conventional fire alarm panel.

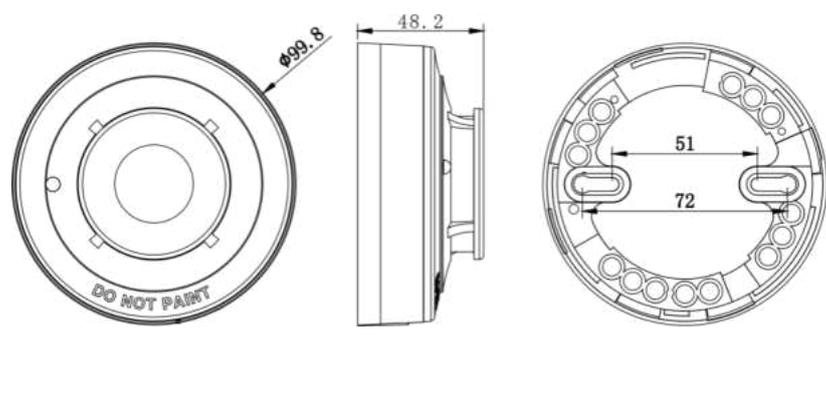
The detector that initiated the alarm condition will have its red LED latched until reset by panel.



Features

- ✓ Surface mounting
- ✓ LED indicator
- ✓ Complete functional test with every activation
- ✓ Meets all requirements of latest EN54-7:2001

Installation



Technical Specification

Model	AW-CSD311
Main Voltage	9~28VDC @Zone
Operating current(@Zone 24VDC)	monitoring status $\leq 120\mu\text{A}$, alarm status $\leq 15\text{mA}$
Application	For indoor use only
Wiring	The promise of two bus system(Zone +, Zone -)
Protection class	IP30
Smoke Alarm Sensitivity	0.18 to 0.3 dB/m
Environmental	Class A temperature range: -10 to 50°C (14~122°F) Humidity: 5 to 95% RH, non-condensing
Materials and colors	ABS, White
Mating Host	AW-CFP2166 fire alarm control panel
Size	99.8mm* 99.8mm* 48.2mm
Weight	About 114.5g

The AW-CTD321 conventional rate of rise heat detector uses thermal component to detect the temperature changing in the environment.

It can enable fire alarm when the temperature difference achieved the setting rate of rise temperature value or/and the temperature achieved fix temperature.

This detector is designed to provide open area protection and to be used with the AW-CFP2166 conventional fire alarm panel.

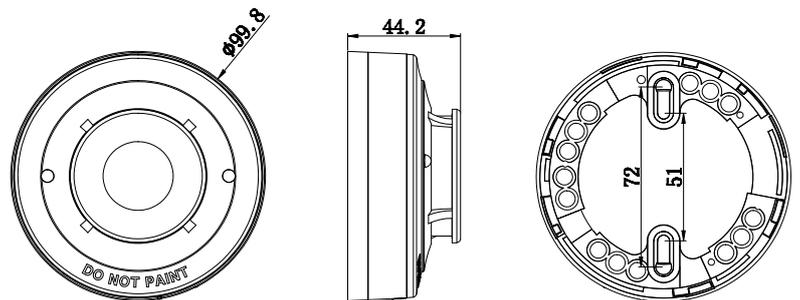
The detector that initiated the alarm condition will have its red LED latched until reset by panel.



Features

- ✓ Surface mounting
- ✓ LED indicator
- ✓ Complete functional test with every activation
- ✓ Meets all requirements of latest EN54-5:2000

Installation



Technical Specification

Model	AW-CTD321
Operating Voltage	9~28VDC @Zone
Standby Current	≤120uA @Zone 24VDC
Maximum Alarm Current	≤15mA @Zone 24VDC
Wiring	The promise of two bus system(Zone +, Zone -)
Fix Temperature Alarm	57°C (135°F) A2R
Rate of Rise Alarm	7.1°C/5s A2R
Environmental	Temperature range: -10 to 50°C (14~122°F) Humidity: 5 to 95% RH, non-condensing
Materials and colors	ABS, White
Mating Host	AW-CFP2166 fire alarm control panel
Size	99.8mm* 99.8mm* 44.2mm
Weight	About 100g

Introduction

- | | |
|---------------------------|-------------------------|
| 1. Name: Alarm Bell | 2.Shell Material: Metal |
| 3.Model:CBL2166-6&8 | 4.Shell Color: Red |
| 5. Service life: 10 years | |



Description

The product is the fire alarm, a fire alarm device, generally used for more staff in public areas. In the event of an emergency situation is controlled by the alarm controller to trigger an alarm, one for each region under normal circumstances, be used for fire alarms, good warning sound effects.

Working Principle

Fire alarm internally by a 24V DC motor driven by the crankshaft and connecting rod bells, no relays work, work current, high reliability.

Function

Fire alarm for supporting specific products and linkage fire alarm systems, when the system recognizes fire broke out by linkage control equipment to the scene.

Feature

1. Merit:
 - 1) Appearance, firm structure;
 - 2) Easy to install;
 - 3) Has low power consumption, large volume, ring-tones crisp, continuous work extremely long life characteristics;
 - 4) Perfectly configured in a variety of alarm systems.
2. Defect:
 - 1) Hearing impaired can not use or be evacuated.

Wiring

Red Wire	Control Input + (DC 24V+)
Black Wire	Control Input - (DC 24V-)

Technical Parameter

Model No.	Diameter	Work Voltage	Work Current @24VDC	Volume (dB)	Weight	Work Environment
CBL2166-6	6"(150*60mm)	20VDC-28VDC	50mA (max)	≥98 @1m	0.6Kg	Temperature Range: -10°C ~ +50°C; Humidity Range: 0%~95%RH
CBL2166-8	8"(200*67.5mm)	20VDC-28VDC	50mA (max)	≥100 @1m	1.06Kg	

Installation

Remove the outer iron cover, fix the four corners with screws, screw hole size 5mm * 8mm. Connected to 24VDC power supply, red is positive, black is negative. Then the cover installed.

Note:

This apparatus should be installed by the guidance of a competent person. After hearing the fire alarm, you should call for help and timely evacuation from the fire prevention channel. If you can please timely alarm.

AW-CSS2166-2 LED

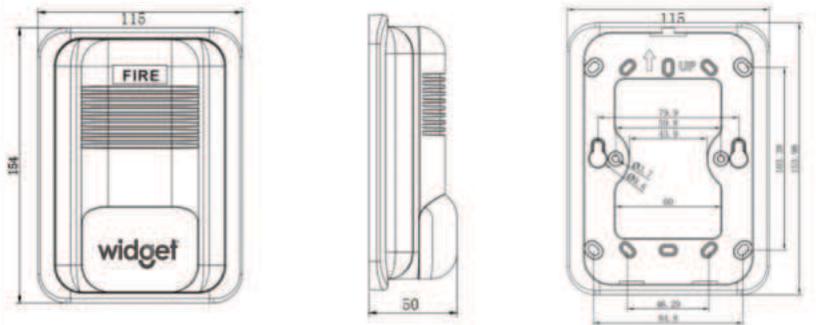
conventional strobe sounder is mainly designed to be use with fire alarm control panel AW-CFP2166. The fire alarm is horn strobe a kind of terminal device for alarm; it is used for the sound & light alarm when the fire happens.



Features

- ✓ Surface mounting
- ✓ Complete functional test with every activation
- ✓ 3 type sounds
- ✓ Meets all requirements of latest EN54-3&EN54-23

Installation



Technical Specification

Model	AW-CSS2166-2
Operating Voltage	12VDC-24VDC
Operating current	≤50mA @24VDC
Alarm SPL	≥100dB @1m
Flash Period	≤1.0s
Protection class	IP30
Environmental	Temperature range: -10 to 50°C (14~122°F) Humidity: 0 to 95% RH, non-condensing
Materials and colors	ABS red
Application	For indoor use only
Mating Host	AW-CFP2166 fire alarm control panel
Size	154mm* 115mm* 50mm
Weight	About 165g

The AW-D132 gas detector is designed for single station using . Small and compact, the design and color makes it ideal for use in the home, small commercial properties, and recreational vehicles.

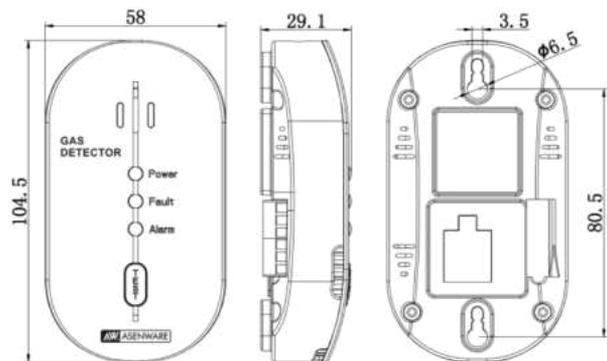
It is intended to detect leakage of natural gas (methane gas), town gas. The gas detector should be mounted high (for CH₄) locations and low (for LPG)locations .



Features

- ✓ Easy to install
- ✓ High quality durable sensor
- ✓ Loud 85dB alarm and LED warning indicator
- ✓ Excellent reliability and high stability
- ✓ Ideal for all kitchens

Installation



Technical Specification

Model	AW-D132
Main Voltage	230VAC 50/60Hz -5VDC (Micro USB Input)
Power Consumption	≤2W @Alarm
Alarm Outputs	DC12V pulse voltage and Relay(COM ,NO)
Relay Capacity	0.5A @30VDC (Max)
Alarm Horn	≥ 85dB @3m
Value of Detection Threshold	CH ₄ Gas: 3500ppm ,LPG (7%LEL)
Warm Up Time	Approximately 90 Seconds
Environmental	Temperature range: -10 to 50°C (14~122°F) Humidity: ≤95% RH, non-condensing
Materials and colors	ABS, white
Size	104.5mm* 58mm* 29mm
Weight	About 62g

Conventional Gas Detector



AW-CGD2166

I. Description The gas detector is designed for single station use or for connecting to fire alarm or security alarm panel. Small and compact, the design and color makes it ideal for use in the home, small commercial properties, and recreational vehicles. It is intended to detect leakage of natural gas (methane gas), town gas, and bottled gas (propane gas), coal gas or carbon monoxide. The unit is designed for wire-in or plug-in applications. The gas detector can be mounted high (for methane gas) or low (for propane (LPG) gas). It is equipped with a sturdy metal mounting bracket for quick, easy, and secure installation.

II. Features

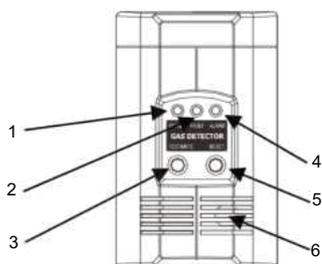
- Detect all sorts of combustible gases, natural gas (methane), bottled gas (propane), LPG (Liquefied petroleum Gas), LNG (Liquefied natural gas), coal gas, including town gas or carbon monoxide. Easy to install, mounting bracket included. Loud 80dB alarm and LED warning light. High quality durable sensor. Self diagnostic function by MCU intelligent software. Excellent reliability & High stability. Ideal for all kitchens.
-
-
-
-

III. Technical Parameters

Item	Index Parameter
Environment Temperature	-10°C~+50°C
Working Humidity	≤95 %RH
Operating Voltage	AC90V~270V, or DC9-28V
Power Consumption	<1.5W (Standby), <5W (Alarm)

Value of Detection Threshold (Lower Explosive Limit)	LNG Gas: 5000ppm (10%LEL) CO Gas: 50ppm-150ppm (Alarm in Less than 15 minutes) >150ppm (Alarm in Less than 2 minutes)
Alarm Horn	80dB
Alarm	Red LED with 80dB Alarm
Warm Up Time	Approximately 45 Seconds
Alarm Output	Relay Output: (2A@DC24V, 1A@220VAC) (Only for relay output Module) Voltage Output (DC12V pulse or steady) (Only for Control Module)
Unit Dimensions	122mm(H)x76mm(W)x38mm(D)

IV. The cover and alarm description



1. POWER Light (Green)
2. Fault Light (Yellow)
3. Test/Mute/Reset Button
4. Gas Alarm Light (Red)
5. NULL
6. (Behind the Cover) Alarm Horn: 80dB audible alarm for malfunction warning.

test, alarm, and unit

Description

The conventional Carbon Monoxide detector AW-D125C is designed to provide open area CO detection with fire alarm system. It is easy to install and construct. The design and color make it ideal for use in the home. It is intended to detect leakage of carbon monoxide.

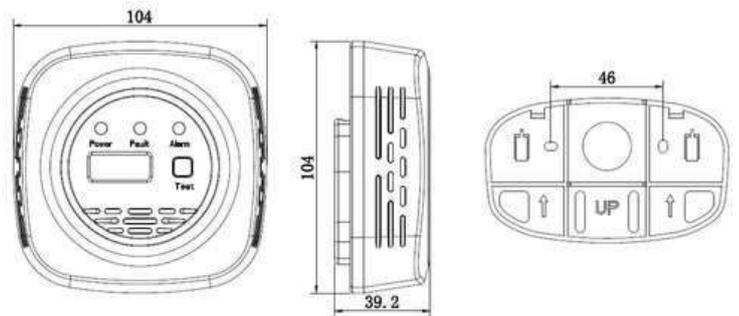
It is equipped with a sturdy mounting bracket for quick, easy, and secure installation.



Features

- Four-wire connection
- High-Accuracy
- LCD display
- Wide detection range
- Fault indication
- 10 Years sensor lifetime
- Meets all requirements of standard EN 50291-1-2018

Dimensions (mm)



Technical Specification

Model	AW-D125C
Main Voltage	20V-28 VDC
Operating current(@24VDC)	Standby status≤10mA, Alarm status≤20mA (with 1K limit resistor)
CO detection range	0-999 ppm
Alarm Level	60~90minutes @50ppm 10~40minutes @100ppm Within 3 minutes @ 300ppm
Materials and colors	ABS, White
Sensor lifetime	10 Years
Mating Host	AW-CFP2166 series and other panels
Operating Temperature	Class A temperature range: -10 to 40°C (14~104°F) Humidity: 5 to 95% RH, non-condensing
Size(L*W*H)	104mm*104mm*39.2mm
Weight	About 144g (without package) About 175g (with package)
Standard	EN 50291-1-2018
Connection quantity	3 pcs without Extra Power Supply 40 pcs with 24V/2.5A Extra Power Supply

The AW-D135C Conventional manual call point is designed to be use with Asenware conventional AW-CFP2166 series panels. If it is pressed after a fire is confirmed, an alarm signal may be sent to a fire alarm control system which will, after receiving the alarm signal, enter fire alarm condition.

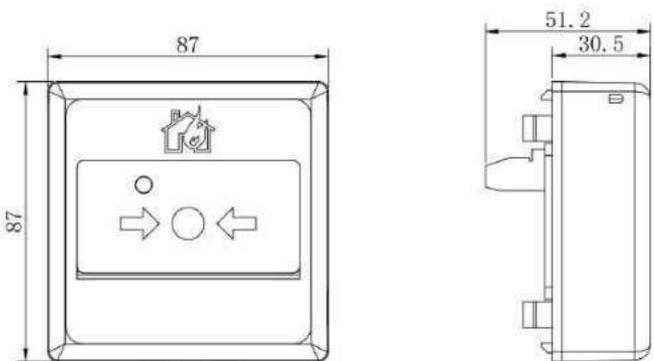
When the manual fire call points is operating normally, the red indicator will blink; when there is a fire alarm, it will remain lit.



Features

- ✓ Surface mounting
- ✓ LED warning indicator
- ✓ Excellent reliability and high stability
- ✓ Comply with EN54-11

Installation



Technical Specification

Model	AW-D135C
Main Voltage	16-24VDC
Operating Current	Monitoring status \leq 20 μ A; Alarm status \leq 15mA
Application	For indoor use
Environmental	Temperature range: -10 to 55°C (14~131°F) Humidity: \leq 95% RH, non-condensing
Materials and colors	ABS, Red
Size	87mm* 87mm* 51.2mm
Weight	About 95g

Description

The fire alarm control panel is housed in the most attractive, modern designed, friendly user interface for easy operation and recognition. It has smaller size and easier for installation.



Features

- ✓ Automatic power switch over
- ✓ 12V 2.3Ah High-capacity batteries
- ✓ Fault supervision and notification
- ✓ 2 relay output circuits
- ✓ 2 sounder output circuits
- ✓ Sounders and panel buzzer silence
- ✓ Meets all requirements of latest EN54 part 2 and EN54 part 4



Dimensions (mm) & Weight (kg)



Technical Specification

Model	AW-CFP2166-1
Main Voltage	220VAC 50Hz
Batteries	2*12V 2.3Ah sealed lead acid gel, self-regulated
Battery low-voltage protection	21V
Max points of each zone	20 pcs (including MCPs)
Zone alarm current	8~20mA
Sounder output	2*200mA maximum
Relay contacts rating	1A @30VDC
EOL resistor for zone and outputs	6.8K ohm 1W
Environmental	Class A temperature range: -5 to 40°C (23~104°F) Humidity: 5 to 95% RH, non-condensing
Fuse for AC Power	1 A/ 250V glass tube fuse slow blow 5 X 20mm
Fuse for DC Power	1 A/ 250V glass tube fuse slow blow 5 X 20mm
Terminal blocks rating	All terminals rated for 12 to 18 AWG (0.75 to 2.5 mm ²)

Description

The AW-CFP2166 fire alarm panel has the following characteristics:

- Maximum number of Analogue Conventional Detector Inputs: 20 detectors each zone
- Available Options: 1-4 Zone and 1-8 Zone
- 2 outputs for Alarm devices: 2 bells
- Relays: fault relay and fire relay
- Auxiliary power output: 24VDC/ 100mA limiting protection
- Automatic power switchover: mains power and secondary power (from batteries)
- Independent functional buttons with indication: User friendly interface for easy operation and recognition
- Access levels to enter the panel
- Fault supervision and notification: inputs, outputs, system, power, earth, fuse
- Disablement: zones disablement
- Evacuation: Fire drills to simulate fire alarm condition on panel
- Silence: sounders and buzzer silence
- Walk test: indicators check



Technical Specification

AC INPUT	220VAC 50HZ	+10% -15%
DC OUTPUT	24VDC typical	
Voltage for MCU	5V for power board MCU	
Current at 24VDC from PSE	100mA standby current	
Maximum current from PSE	1A maximum	
Batteries current	1.85A maximum, current limited	
Auxiliary resettable output	24VDC +/- 10%, 100 mA max,	
Batteries	2*12V/ 2.3Ah sealed lead acid gel, self-regulated *	
Battery low-voltage protection	20V	
Detectors connection allowed each zone	20 (except MCPs)	
Zone alarm current	9mA minimum/ 20mA maximum	
Bell output	2*0.45A maximum	
Fire relay of each zone	30VDC/200mA maximum	
Fault relay of each zone	30VDC/200mA maximum	
Fire routing relay	30VDC/200mA maximum	
Fault routing relay	30VDC/200mA maximum	
Communication protocol	2 wires RS485 bus system	

EOL resistor for zone	6.8K 1W
EOL resistor for outputs	6.8K 1W
Fuse for AC Power	1 A/ 250V glass tube fuse 5 X 20mm
Fuse on DC Power	2A (for 6 or 8 zone) 1A (for 2 or 4 zone) / 250V glass tube fuse 5 X 20mm
Environmental	Class A temperature range: -5 to 40°C (23~104°F) Humidity: 5 to 95% RH, non-condensing
Terminal blocks rating	All terminals rated for 12 to 18 AWG (0.75 to 2.5 mm ²)

Product Dimensions



Description

The fire alarm control panel is housed in the most attractive, modern designed, friendly user interface for easy operation and recognition. It has smaller size and easier for installation.

It has the following characteristics:

Analogue conventional detector inputs: 16 detectors or MCPs maximum for each zone.

Maximum number of bells and flashlights per CIE: 3 Bells and 3 flashlights per CIE.

Extensible zones from 13-32: each zonal expansion board has 4 zones

5 outputs for alarm devices: bells/ fire relay / fault relay, 32 Fault relay outputs for each zone, 32 outputs for alarm devices of each zone



Technical Specification

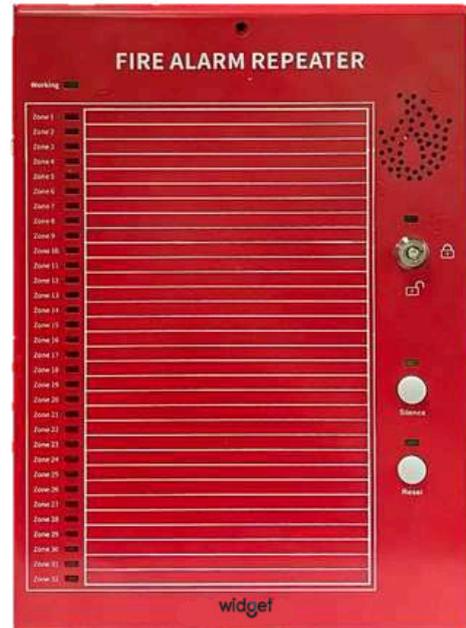
AC INPUT	220VAC 50HZ	+10% -15%
DC OUTPUT at Power Board	24VDC (19V-28V) and 5VDC (4.9V-5.1V)	
Voltage for MCU	5V for power board MCU, 3.3V for others	
Current at 24VDC from PSE	<450mA standby current	
Maximum current from PSE	1.4A except batteries charge	
Batteries current	1.85A maximum, current limited	
Auxiliary output	24VDC, 200 mA max, current limited	
I_{min}, I_{max.a} and I_{max.b} according to EN54-2	I _{min} =340mA, I _{max.a} =424mA, I _{max.b} =1.4A	
Batteries	2*12V/ 2.3Ah sealed lead acid gel, self-regulated	
Battery low-voltage protection	21V	
The maximum and minimum electrical ratings for each input and output	Detectors / zone lines: 15.2V-28V Sounder lines:19-28V Fire protection/Fire routing lines:19-28V Fault routing lines:18-28V	
Detectors connection allowed each zone	16 points	
Max points (detector and MCP) per CIE	512 points	
Zone alarm current	6mA minimum/ 27mA maximum	
Sounder output	2*0.6mA maximum	
Fire protection/ Fire routing/ Fault routing	200mA maximum each terminal	
Sounder output of each zone	100mA maximum	

Fault relay output of each zone	200ma/30VDC maximum
Communication protocol	2 wires RS485 bus system
EOL resistor for zone and outputs	6.8K 1W
Wires for 220V AC IN (recommended)	16AWG
Wires connect power board to main board and interface board (recommended)	20AWG
Wire for main board connection with zonal board and interface board (recommended)	28AWG
Wires between zonal board and interface board (recommended)	26AWG
Fuse on power board	3A/ 250V Glass tube fuse 5*20(mm) Fast/quick blow
Fuses on interface board	0.2A /250V Glass tube fuse 5*20(mm) Fast/quick blow [*6 pcs]
Fuse on EMI board	2A/ 250V Ceramic tube fuse 5*20(mm)Slowly blow
Environmental	Class A temperature range: -5 to 40°C (23~104°F) Humidity: 5 to 95% RH, non-condensing
Terminal blocks rating	All terminals rated for 12 to18 AWG (0.75 to 2.5 mm ²)
Wires between interface board (Panel) and Detector (recommended)	2-core shielded cable for 12 to18 AWG (0.75 to 2.5 mm ²)

Description

AW-CRP2166 floor display of fire alarm system (also as fire alarm repeater) is used to easier view the fire alarm condition of each floor and can connect to AW-CFP2166 system.

It communicates AW-CFP2166 fire alarm control system and AW-CRP2166 floor display by RS485. There are up to 32 AW-CRP2166 floor display can connect to each AW-CFP2166 control system. Reset and silence function can be used on the panel.



Features

- Easy installation
- Low maintenance cost Connect to AW-CFP2166 control system
- Reset and silence function button on the panel
- Function Lock
- Up to 32 AW-CRP2166 Fire alarm repeater can connect to each AW-CFP2166 control system;
- AW-CRP2166 floor display can gain power from AW-CFP2166 control system
- Terminal connection between AW-CRP2166 floor display and AW-CFP2166 control system;(easy connection)
- GSM module for sending alarm messages to users (optional)
- C onfiguration import by USB for GSM module (optional)

Technical Specification

DC Input	9~28V DC
Communication Method	RS485
Communication Baud Rate	9600bps
Communication Distance	1000 meters
Operation Condition	Temperature range: -5 ~ 40°C Humidity range: 5 to 95% RH
Weight	About 1.26kg
Size	187.5mm*270mm*35mm

The model AW-D106C is a water-proof Strobe Sounder which is with an intermittently acoustic signal with intensity and with a flashing LED light. It also can be connected to an alarm relay with normally open contact. It can be powered at 85~264VAC or at 10~28 VDC. The sound can be silenced for 10 minutes and leave only the active optics.

If a button for silencing is connected.

When pressing button for 1 second, with the sounder in alarm, sounder will be silent for 10 minutes, at the end of this time, the sound is automatically



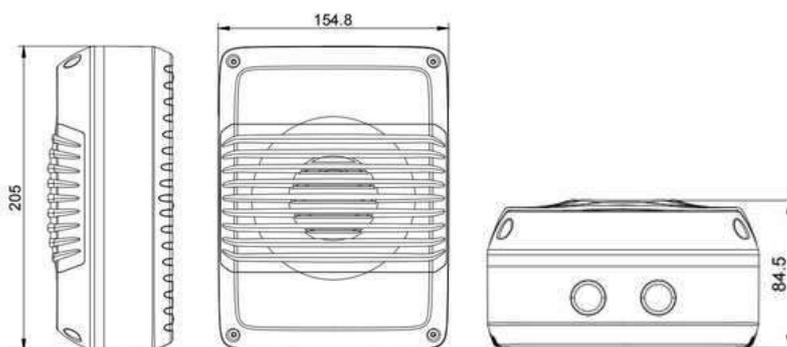
Features

reactivated.

□ □ □ □ □

- AC/DC Power Supply
- IP65
- 10 minute buzzer silence
- 105dB @1m
- Meet EN54-3:2014 requirement

Installation



Technical Specification

Model	AW-D106C
Operating voltage	85~264VAC or 10~28VDC (typical 24V)
Operating current(@24VAC)	Alarm status≤85mA @24VDC
Wiring	Two wire for power (AC or DC) TwowireforBuzzerSilence(optional)
Alarm SPL	≥ 105 dB @1m (85~264V or 24VDC)
Flash period	1.0 sec
Environmental	Temperature range: -10~50°C (14~122°F) Humidity: 5 to 95% RH, non-condensing
Materials and colors	ABS, Red
IP Code	IP65
Size(L*W*H)	205mm* 154.8mm* 84.5mm
Weight	About 540g

Asenware AW-D120B is an conventional sounder base for conventional detector, which can be configured with Conventional Fire Alarm Control Panel.

Each sounder give a visual and audible signals when the detector enters fire alarm condition. Its alarm signal can be transmitted to fire control panel.

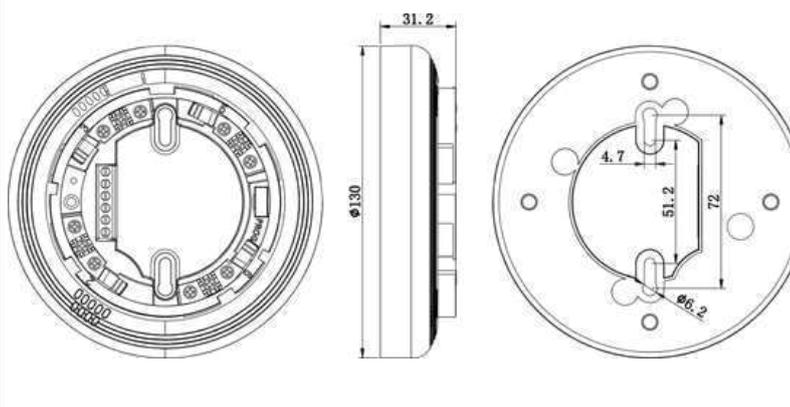


Features

- □ □ □

Four-wire connection
 LED indication
 Activated only by detector on the sounder base
 Meet all requirement of EN 54-3 & EN 54-13

Installation



Technical Specification

Model	AW-D120B
Operating voltage	20~28VDC (typical 24Vdc)
Operating current(@ 24VDC)	Standby status≤10mA Alarm status≤70mA
Wiring	4wire(24VandZone)
Alarm SPL	85dB @3m
Environmental	Temperature range: -10~55°C (14~131°F) Humidity: 5 to 95% RH, non-condensing
Mating host	ConventionalFireAlarmControlPanel
Size	Φ 130mm*31.2mm
Weight	About 145g

Smoke Detector Tester is a reagent that simulates smoke to test whether a smoke alarm/detector is functioning normally. It is sprayed towards the alarm to achieve the effect of testing smoke detection. Convenient, simple, and safe to use, it can detect faults such as blockages or debris inside the detector that might impede smoke from reaching the sensing chamber. The spray can design allows testers to operate from the floor, eliminating the need to climb ladders. It provides a very easy way to test if a smoke alarm is effective. This Smoke Detector Tester is an ideal tester for residential or commercial smoke alarms/detectors, being absolutely safe and easy to use. Testing takes only 3 seconds. Furthermore, this smoke test spray can check for obstructions or debris blocking the vents. This important safety test can be performed without pressing the test button.



Feature

- Accurately simulates smoke to deliver effective early warning functionality.
- Achieves a spray range of up to 120 cm.
- Plastic-safe with no adhesion residue: contains zero harmful substances.

Usage Instructions

Shake well before use. Hold the can approximately 1 meter below the smoke detector and spray for 2-3 seconds. If the alarm does not activate within 5 seconds, repeat the process immediately. Certain devices have a built-in delay to reduce false alarms. If the alarm fails to activate, check for device malfunction or low battery.

Precautions

- Never overspray. Excessive spraying may temporarily reduce sensitivity until the product fully evaporates. For detectors connected to sprinkler systems, halide extinguishing systems, or central monitoring systems, ensure the system is in test mode before application. Not for use on carbon monoxide detectors.
- Pressurized container. Store below 50°C (122°F) away from direct sunlight.
- Do not spray toward flames. Never puncture or incinerate the container.

Technical Parameters

Product State	Liquid
Appearance and Odor	Colorless transparent liquid with an aromatic odor
Spec Gravity Concentrate 25°C, g/cm3	0.75-0.85
Copper Strip Corrosion 50°C 3h	1a
Flash point	13°C
Solubility	Water-soluble. Miscible with ether, chloroform, methanol, glycerin, and most organic solvents.
Volatile Organic Compounds (VOC) Content	lbs./gal:0
Weight	85g
Capacity	180mL
Units per Case	48PCS/CTN
Package Dimensions	43*28*38cm

Al rajeh safety equipment and fire fighting

Manual call point cover weather proof



Installation Instructions of Protective Cover

Widgef Manual call point cover

Features

- 
Splash prevention
 resistance, good water drainage, dust prevention and corrosion resistance

- 
Dust prevention
 24 hours real-time detection
 Ensure the safety of family life and property

- 
thermostability
 Adopt fireproof transparent plastic, which can be used in harsh environment

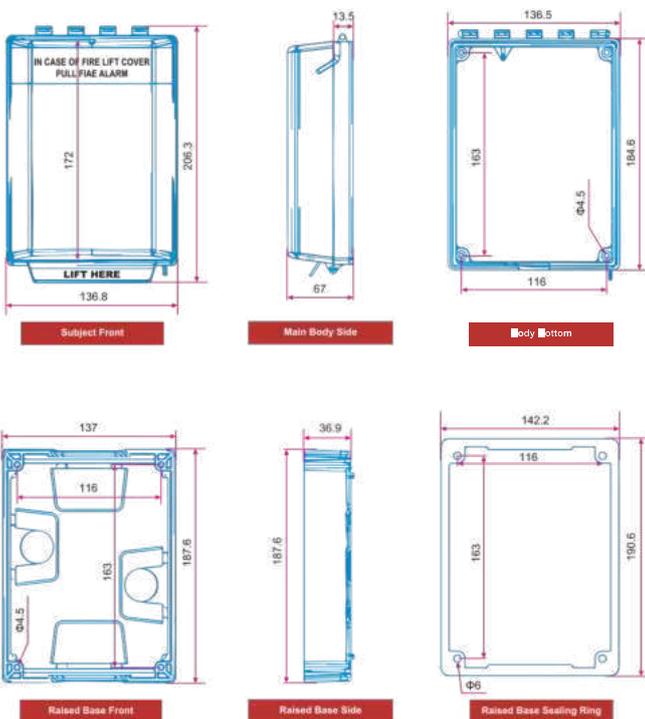
- 
Audible alarm
 When closing the protective cover, if someone opens it, it will make a sound



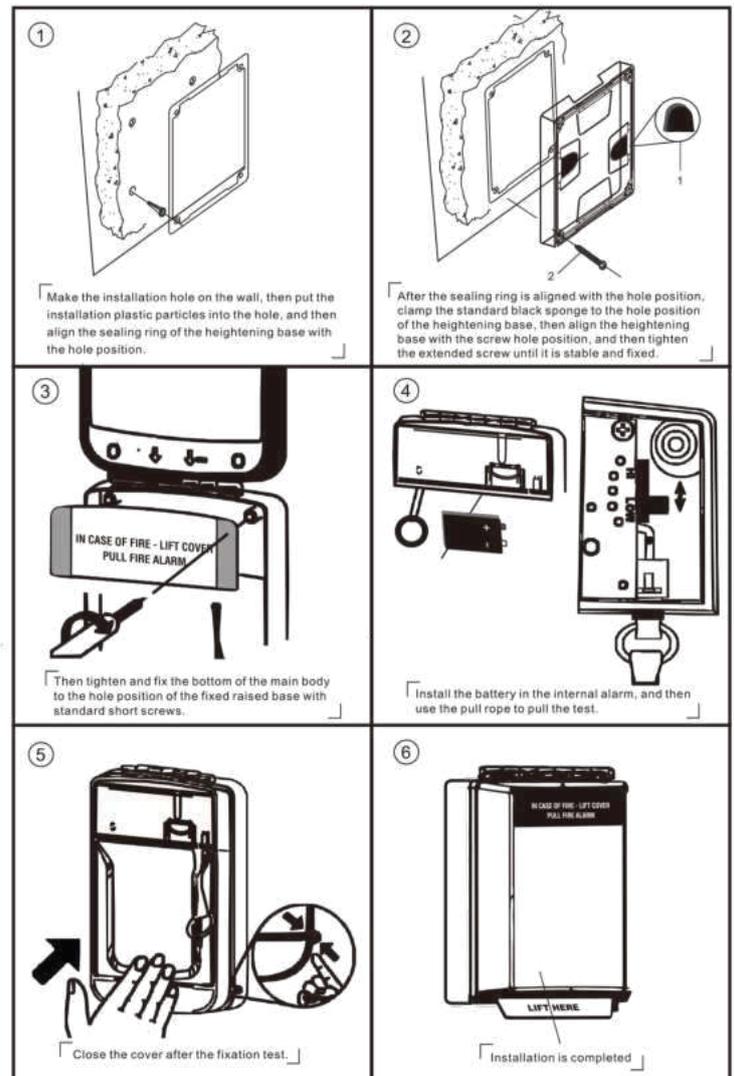
Description

This product is made of imported PC material and is cast in one time. The whole body is transparent and the inner and outer walls are smooth, Beautiful and generous, high temperature resistance, high strength, impact resistance, good water drainage, dust prevention and corrosion resistance, This product is applicable to all kinds of industrial and mining environments, buttons and switches of high and low voltage distribution cabinets.

Product size: unit (mm)



Installation method:



Installation Instructions of Protective Cover

Manual call point cover

Features



Splash prevention

resistance, good water drainage, dust prevention and corrosion resistance



Dust prevention

24 hours real-time detection
Ensure the safety of family life and property



thermostability

Adopt fireproof transparent plastic, which can be used in harsh environment



Description

Specifications Polycarbonate Enclosure

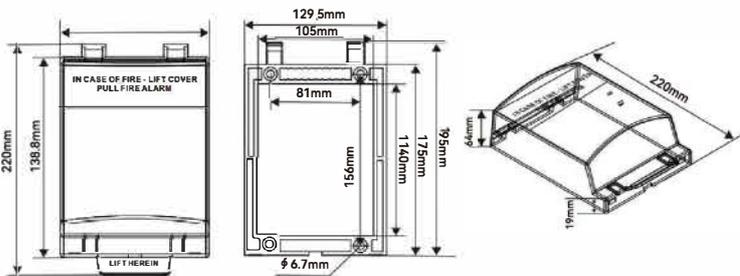
Can be used as a guard against physical damage to manual pull station;

Standard red units have "In Case of Fire..." label unless specified with "no label" or "custom label" (extra charge for custom label).

Typical working properties of polycarbonate are -40° to 250°F (-40° to 121°C).

Two year guarantee against breakage of polycarbonate housing in normal use

Product size: unit (mm)



Important Notice:

- WD-SR-A08-P is intended to be used in areas where the incidence of false fire alarms from manual pull stations is high or has proven to be a serious problem. Any disadvantage of this device is more than balanced when one considers
- the consequences of false fire alarms, especially if fire service personnel and equipment are responding to a false fire alarm when they are needed for a real fire
- somewhere else. Add to this the disruption to the facility when false alarms occur. If
- you have, or may have, a problem with false fire alarms or physical/weather damage
- to your fire alarm activation devices, the SR-A08-P could prove invaluable.

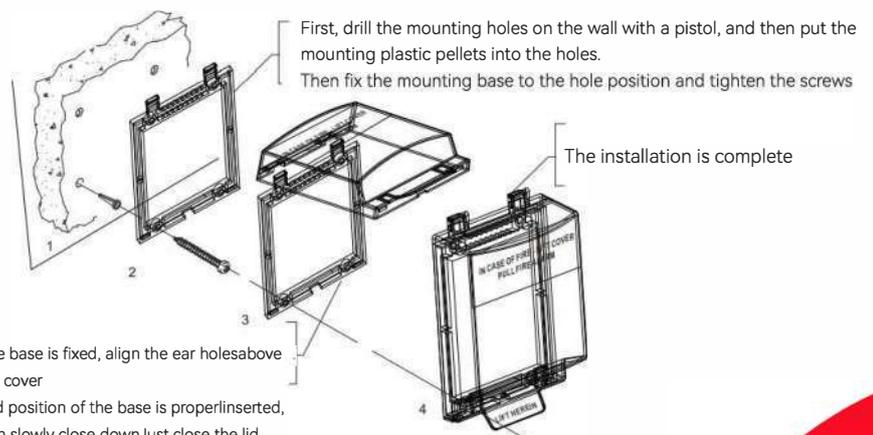
Installation note:

1. When used outdoors, the manual pull station must also be rated for outdoor use.

2. According to UL Listing, models powered from an external power source cannot be supplied from the fire alarm panel.

3. When properly installed the operation of this cover will not interfere with the function of your life safety system.

4. A backplate and gaskets must be used to



After the base is fixed, align the ear holes above the face cover

The card position of the base is properly inserted, and then slowly close down. Just close the lid.

synthetic fire hose reel

These hoses are created by polymerizing monomers to form long, flexible chains, giving them properties like flexibility, durability, and resistance to various environmental factors.





DESCRIPTION

Fire Hose is mainly used in fire-fighting ,and help to delivery fire water to put out fire. This fire protection equipment can be equipment with fire hose coupling and nozzle with fire hydrant system. There are special adhesive (solid or liquid) between the jacket and the hose. The hose is soft and highly polished, reduce the flow resistance. The fire hose is thinner and softer, lighter and more convenient to use.

Specifications

- **Lining:** Rubber/PU/EPDM
- **Jacket:** High Tenacity Polyester Yarn or Fiber
- **Size:** 1.5 Inch - 2.5 Inch
- **Working Pressure:** 16-25 Bar
- **Bursting Pressure:** 24-32 Bar
- **The length of hose:** 30m
- **The color of hose:** White
- **Certifications:** ISO9001:2008, ISI
- **Usage:** fire-fighting/ irrigation/agriculture



ISO

Model	WD-FHS-1.5-16-A	WD-FHS-2.5-16-A
Hose Size	1 ½	2 ½
Working Pressure (PSI)	150/180/250	150/180/250
Burst Pressure (PSI)	450/540/640	450/540/640
Length	15 MTR/30 MTR	15 MTR/30 MTR



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ISO

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Hose Size	1 ½	2 ½
Working Pressure (PSI)	150/180/250	150/180/250
Burst Pressure (PSI)	450/540/640	450/540/640
Length	15 MTR/30 MTR	15 MTR/30 MTR

SS Metal Fire Extinguisher Stands

Do I even need a stand? By law, fire extinguishers cannot be left free-standing on the floor. Knocking over a pressurised cylinder may not only damage your valuable fire-fighting equipment, it can be highly dangerous too. When wall-mounted hooks are not an option but style matters, a metal stand is the perfect solution.





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What is the advantage of metal over plastic? Some materials cannot be used in hygiene controlled environments due to the possibility of cracks harbouring bacteria. A metal stand eliminates this while being easier to clean. The design is also more attractive where style matters. Red for vibrancy. Chrome for luxury.

How strong can they be? Each stand is constructed from tubular steel that provides high strength while remaining lightweight. Capable of holding over 15kg per appliance (some 9ltr/9kg extinguishers), every stand is backed up by an **widget** exclusive 5 year warranty.

TECHNICAL DETAILS	MODEL	SINGLE STAND	DOUBLE STAND
	DIMENSIONS (H x W)	92cm x 30cm	92cm x 30cm
	WEIGHT	1.75kg	1.75kg
	CONSTRUCTION	High - strength tubular steel	
	MODEL	Red	
	single stand	WD-SP-STAND-SS-SING	
double stand	WD-SP-STAND-SS-TWIN		



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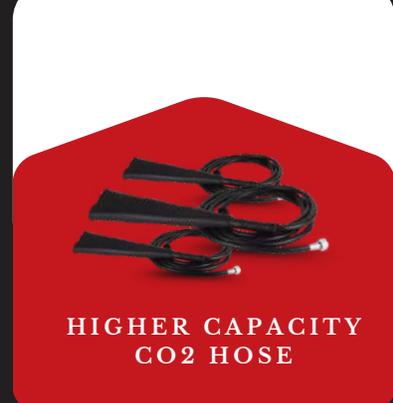
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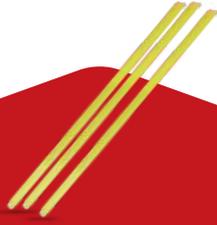
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DAMMAM BRANCH

P. O. BOX32244-DAMMAM-
KING KHALID STREET KSA
TEL:+966013840600
SALES@SAFETY-AR.COM

DAMMAM BRANCH - 2

P.O.BOX32426-AL ANUD
KING SAUD STREET KSA
TEL:+966532566166
SALES@SAFETY-AR.COM

AL - AHSA BRANCH

P. O. BOX 36341-AL HAZM
SOUTHERN DIST
AL-DHAHRAN STREET
TEL:+966135316846
SALES@SAFETY-AR.COM