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DALGIC fire extinguishers systems and safety protection is one of the leading Turkish developers and manufacturers of a wider range of fire extinguishing products since 1989. Our products vary in size and weight. For example, we have ideal extinguishers for cars, with an approximate weight of 1Kg, but we also have products with industrial dimensions up to 250Kg. The other main product range are fire cabinets; manufactured at $\frac{3}{4}$ ", 1", 2", $2\frac{1}{2}$ " hose diameters or depending on your need to another diameter. We are supplying a full range of Fire Extinguisher Cabinet to accommodate all types of businesses, designed for internal or external use to protect Fire Extinguishers from either being tampered with or just general weather conditions.

In addition, we also want to mention that in electrical areas, data processing rooms, etc we are installing FM200 automatic gaseous fire-extinguishing system. We are the first Turkish manufacturing company that achieves very high results in the pressure test of the products manufactured by a new method called "plaster".

DALGIC fire extinguishers systems and safety protection

Our products have approved certificates from worldwide laboratories such as CE, UL and FM Approved. The approval of our products and the materials used in production: EN3-7; EN1866; EN54; EN671-1/2 CE0062; ISO90012008; WHEEL MARK; Guarantee Certification; Quality Service Certification; Quality Production Control and Fire Extinguishing and Production Control-Testing Certification.

OUR MISSION: To offer the best products respecting the quality, customer services, after sales services, fire safety consultation, fire protection information and engineering services to minimize all type of fire risks;

VISION: To maintain the highest quality standards.

DALGIC is approved by T.C. Ministry of Transport and Infrastructure Maritime District Office B.02.1.DNM.10.04.02.02.GD-24 to provide certificates for testing firefighting systems and for testing potential employees.

DRY POWDER EXTINGUISHERS



- CE 0036 Certified
- TS 962-3-8, EN3-8, ISO 9001-2008, MED Certified
- International Standard labeling body and color codes
- Special designed spray powder
- Constant pressure working system
- -30°C / +60°C operating temperature
- N2 (Nitrogen) propellant
- Resistant paint against external factors
- Safety valve
- 4 years warranty

	A	B	C	D	
	✓	✓ Basic: Sulfuric Acid Required for Sulphuric & Acids	✓	✓ None: Sulfuric Acid Required for Sulphuric & Acids	✓

Model	Capacity (KG)	Test pressure	Working pressure	Temp. Range	Duration Of Discharge
DTT-KKT	1,2,4,6,9,12,25,50	25Bar	15Bar	-30°C/60°C	3-52 Seconds



CO2 EXTINGUISHERS



- Corrosion Resistant Finish
- Ergonomic and safety design
- Resistant paint against external factors
- Body and labelling according to the International Standards codes
- Safety valve
- CE 0062 Approved; TS 862 -3 -8, EN3-8, ISO 9001- 2008, MED Certified
- 4 years warranty

	A	B	C	D	
		✓ Secondary			✓

Model	Capacity (KG)	Test pressure	Working pressure	Temp. Range	Duration Of Discharge
DTT-CO2	5, 10, 30	21Bar	15Bar	-30°C/60°C	3-52 Seconds

BIO-ECOLOGICAL FOAM FIRE EXTINGUISHER



•WARRANTEEFFICIENCY

OurFirefightingfoamsaredesignedtoprovidethebest extinguishingperformanceandtommeetinternational standards(EN,ISO,IMO,ICAO,LASTFIRE,VERITAS...). Example:ECOPOLcomplieswithEN1568,GESIP,LAST FIRE,VERITAS,ICAO.

•QUALITY&EXPERTISE

Ourfoamsresistfreezingtill-15°Casastandardandcan beprotectedtill-30°Ccondemand.Warrantyis10years foralloursyntheticfoams(Hi-Ex,AFFF,AR,classAand FFF).BIO-EXfoamsandotherfoamproductsareanalyzed byBiolaboratory,andwecanofferabroadscopeof accurateanalysisistoanswerourcustomers’requests.

•HEALTH AND HYGIENECONSIDERATION

- ✓ Carefully formulate and select no harmfulmaterial
- ✓ Surfactants based on natural sources
- ✓ Preservativescompletelydevoidofphenolic compounds
- ✓ Totally free of heavymetals
- ✓ Elimination of harmfulglycols

Model	Capacity (kg)	Test pressure	Working pressure	Temp. Range	Duration of Discharge
Example: the BIOFILMAFFF formulation does not contain glycol derivatives					
Model	Capacity (kg)	Test pressure	Working pressure	Temp. Range	Duration of Discharge
DYT-BIO	6-9-12-25-50kg	25Bar	15Bar	-30°C60°C °C	Min 12 Second



A	B	C	D	Electrical Fire
Class A Paper & Wood	Class B Flammable Liquids	Class C Flammable Gas	Class D Metal Fire	Electrical Fire
✓	✓			

FOAM EXTINGUISHERS



- Perpetual pressure workingsystem
- Corrosion resistant finish, electrostatic powderpaint
- Body and labelling according to the International Standardscodes
- Ergonomic and safetydesign
- Safety valve
- CE 0062 Approved; TS EN 1866, MEDCertified
- 4 yearswarranty

Model	Capacity (KG)	Test pressure	Working pressure	Temp. Range	Duration of Discharge
DYT-KY	6-9-12-25-	25Bar	15Bar	-30°C60°C °C	Min 12 Second

A	B	C	D	Electrical Fire
Class A Paper & Wood	Class B Flammable Liquids	Class C Flammable Gas	Class D Metal Fire	Electrical Fire
✓	✓			✗

NAF P IV HALOCARBON TYPE FIRE EXTINGUISHER



The NAF P IV halocarbon gas fire extinguisher is particularly suitable for E-type electrical fires. After extinguishing electrical devices, do not leave residues. These types of extinguishers are used in places like transformer, control rooms, competing places.

- NAF P IV gas is an alternative gas of Halon 1211; there is no effect on the environment
- Perpetual pressure working system
- Corrosion resistant finish, electrostatic powder paint
- Safety valve
- CE 0062 Approved; TS 862 -3 -8, EN 3-8, ISO 9001-2008, MED Certified
- 4 years warranty

A	B	C	D	Electrical Fire
Class A Paper & Wood	Class B Flammable Liquids	Class C Flammable Gas	Class D Metal Fires	Electrical Fire
				✓

Model	Capacity (KG)	Test pressure	Working pressure	Temp. Range	Duration Of Discharge
NAFP4	1,2,4,6,9,12 KG	25Bar	15Bar	-30°C60°C	3-32 Seconds



CLASS D DRY POWDER FIRE EXTINGUISHERS



D Powder Fire Extinguishers are used mainly in areas with specific hazardous materials. Class D fires are caused by burning metals that combust easily on contact with air, such as magnesium and lithium.

- Fire is extinguished using Asphyxiating method
- Resistant to high temperature
- Fire extinguisher with nitrogen
- Designed with special powder
- CE 0036 Approved, TS 962-3-8, EN 3-8, ISO 9001-2008 MED Certified
- Body and labelling according to the International Standards codes
- Safety valve
- 2 years warranty

A	B	C	D	Electrical Fire
Class A Paper & Wood	Class B Flammable Liquids	Class C Flammable Gas	Class D Metal Fires	Electrical Fire
			✓	

Model	Capacity (KG)	Test pressure	Working pressure	Temp. Range	Duration Of Discharge
DTY-KY	2-4-6-9-12-15 KG	25Bar	15Bar	-30°C60°C	3-32 Seconds

AUTOMATIC FIRE EXTINGUISHER



A	B	C	D	
Class A Paper & Wood	Class B Flammable Liquids	Class C Flammable Gas	Class D Metal Fires	Electrical Risk
✓	✓	✓		✓ only DYT-SP-NAFP4

Automatic Fire Extinguisher which keeps guarding round-the-clock & extinguishes fire quickly & efficiently especially in close places where the fire could cause extensive damage if not detected & extinguished in time. These Extinguishers are designed to protect and combat fires in the engine compartment such as in a boat or large vehicle. These Fire Extinguishers offer protection against class B and C fires and are also safe to use on electrical fires.

- Models: Dry Powder, Foam, Gas and Liquid (NAF PIV)
- Ergonomic and safety design
- Body and labelling according to the International Standards codes • CE0062 Approved; TS862-3-8, EN3-8, ISO9001-2008, MED Certified
- 2 years warranty

Model	Capacity (KG)	Test pressure	Working pressure	Temp. Range	Duration Of Discharge
DYT-SP-KKT	6, 12KG	25Bar	15Bar	-20°C-60°C	12-15 Seconds
DYT-SP-NAFP4	6, 12KG	25Bar	15Bar	-30°C-60°C	12-15 Seconds

FIRE EXTINGUISHERS CABINETS



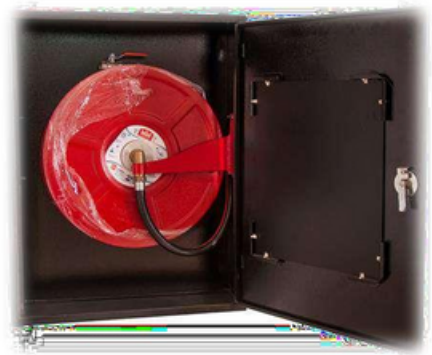
- Suitable for surface mounted and ground mounted
- Suitable for 6-12 Kg fire extinguishers
- Single or Double Extinguisher Options
- Pickled Steel Sheet or Glass Cover Optional
- Latch or lock optional
- ISO 9001 2015 Certified
- 4 year warranty
- 0.7 electrostatic paint
- 4 mm tempered glass

MODEL	LOCK TYPE	CASE TYPE	DOOR TYPE	DIMENSION (CM)
DLG-06	STEEL	STEEL SHEET	METAL/GLASS	60*30*25
DLG-12	STEEL	STEEL SHEET	METAL/GLASS	80*45*30

FIRE HOSE REEL CABINETS

Hose Reel Cabinets EN671-

- 1
- CE EN 671-1 ISO 9001-2015 certified, indoor fire hose cabinets with semi-hard hose
 - 1,5 mm pickled steel sheet cabinet case and double powder coated cabinet door
 - Convenient for water inlet in 8 different points
 - 70 micron electrostatic powder coated with RAL 3020/ RAL 9010 or requested any RAL Color
 - 1" 20/30 mt DALGIC brand heat resistant semi-hard rubber hose in compliance to TS EN694
 - 2" brass valve, hose and 1" jet -sprey-off nozzle connected with strengthened clamp
 - Surface/Recessed Mounted Optional
 - 1" or 2" Storz adapter
 - Hose valves have PN16 working pressure, PN25 test pressure.
 - 4 years warranty



MODEL	HOSE CAPACITY	CASE TYPE	DOOR TYPE	DIMENSION (CM)
50101	20MT	SURFACE MOUNTED	STEEL	70*70*23
50102	20MT	RECESSED MOUNTED	STEEL	70*70*23
50103	30MT	SURFACE MOUNTED	STEEL	70*70*23
50110	20MT	RECESSED MOUNTED	GLASS	70*70*23
50111	20MT	SURFACE MOUNTED	GLASS	70*70*23
50112	30MT	RECESSED MOUNTED	GLASS	70*70*23

FIRE HOSE REEL CABINETS

Horizontal Fire Reel Hose Cabinet with Fire Extinguisher EN671-1

- CE EN 671-1 ISO 9001-2015 certified, indoor fire hose cabinets with semi-hard hose
- 1,20 mm pickled steel sheet cabinet case and double powder coated cabinet door
- Convenient for water inlet in 8 different points
- 70 micron electrostatic powder coated with RAL 3020/ RAL 9010 or requested any RAL Color
- 1" 20/30 mt DALGIC brand heat resistant semi-hard rubber hose in compliance to TS EN694
- 2" brass valve, hose and 1" jet -sprey-off nozzle connected with strengthened clamp
- Surface/Recessed Mounted Optional
- 1" or 2" Storz adapter
- Hose valves have PN16 working pressure, PN25 test pressure. 4 years warranty



MODEL	HOSE CAPACITY	CASE TYPE	DOOR TYPE	DIMENSION (CM)
50031	20MT	SURFACE MOUNTED	GLASS	60*80*23
50032	20MT	RECESSED MOUNTED	GLASS	70*90*23
50033	20MT	SURFACE MOUNTED	GLASS	70*90*23
50034	30MT	RECESSED MOUNTED	GLASS	70*90*23
50051	20MT	RECESSED MOUNTED	GLASS	60*80*23
50052	20MT	SURFACE MOUNTED	GLASS	70*90*23
50053	25MT	RECESSED MOUNTED	GLASS	70*90*23
50054	30MT	SURFACE MOUNTED	GLASS	70*90*23

FIRE HOSE REEL CABINETS

Vertical Fire Reel Hose Cabinet with Fire Extinguisher EN671-1

- CE EN 671-1 ISO 9001-2015 certified, indoor fire hose cabinets with semi-hard hose
- 1,20 mm pickled steel sheet cabinet case and double powder coated cabinet door
- Convenient for water inlet in 8 different points
- 70 micron electrostatic powder coated with RAL 3020/ RAL 9010 or requested any RAL Color
- 1" 20/30 mt DALGIC brand heat resistant semi-hard rubber hose in compliance to TS EN694
- 1" brass valve, hose and 1" jet-sprey-off nozzle connected with strengthened clamp
- 1" Storz adapter
- Surface Mounted
- Hose valves have PN16 working pressure, PN25 test pressure.
- 4 years warranty



MODEL	HOSE CAPACITY	CASE TYPE	DOOR TYPE	DIMENSION (CM)
50113	20MT	SURFACE MOUNTED	STEEL	75*95*23
50114	20MT	RECESSED MOUNTED	STEEL	75*95*23
50115	30MT	SURFACE MOUNTED	STEEL	70*90*23
50116	20MT	RECESSED MOUNTED	STEEL	75*100*23
50119	20MT	RECESSED MOUNTED	GLASS	75*95*23
50120	20MT	SURFACE MOUNTED	GLASS	75*95*23
50121	30MT	RECESSED MOUNTED	GLASS	75*95*23
50122	20MT	SURFACE MOUNTED	GLASS	75*95*23

Chromate Couted Fire HoseCabinets



- CEEN671-1ISO9001-2015certified,chromate coatedindoorfirehosecabinetswithsemi-hardhose
- 1"25mtDALGICbrandheatresitentsemi-hard rubberhoseincompliancetoTSEN694
- Convenientforwaterinletin8differentpoints
- 2" brass valve, hose and 1"jet -sprey-off nozzle connected with strengthenedclamp
- Surface/Recessed MountedOptional
- 4 mm temperedglass



MODEL	HOSE CAPACITY	CASETYPE	DOOR TYPE	DIMENSION (CM)
60012	20MT	CHROMATESTEEL	STEEL/GLASS	70*70*23
60013	30MT	CHROMATESTEEL	STEEL/GLASS	70*90*23



Stainless Steel Fire HoseCabinets



- CEEN671-1ISO9001-2015certified, stainlessSteeloutdoorfirehosecabinets withsemi-hardrubberhoseorfabric coveredhose
- 1,50 mm steel sheet cabinet case anddoor
- Convenient for water inlet in 8 different points
- 1" DALGIC brand heat resitent semi-hard rubber hose in compliance to TS EN694
- 2" brass valve, hose and 1"jet-sprey-off nozzle connected with strengthenedclamp.
- Surface/Recessed MountedOptional

MODEL	HOSE CAPACITY	CASETYPE	DOOR TYPE	DIMENSION (CM)
SS-60012	20MT	STAINLESSSTEEL	STEEL/GLASS	70*70*23
SS-60013	30MT	STAINLESSSTEEL	STEEL/GLASS	70*90*23

EN671-1 Outdoor Type Fire Hose Cabinets



- CE EN 671-1 ISO 9001-2015 certified, outdoor fire hose cabinets with semi-hard rubber hose
- 1,50 mm pickled steel sheet cabinet case and double powder coated cabinet door
- Convenient for water inlet in 8 different points
- 70 micron electrostatic powder coated with RAL 3020/ RAL 9010 or requested any RAL Color
- 1" 20/30 mt DALGIC brand heat resistant semi-hard rubber hose in compliance to TS EN694

MODEL	HOSE CAPACITY 1"	CASE TYPE	DOOR TYPE	DIMENSION (CM)
50394	20MT	LAND	STEEL	63*63*23
50395	30MT	LAND	STEEL	63*63*23



EN671-2 Outdoor Type Fire Hose Cabinets

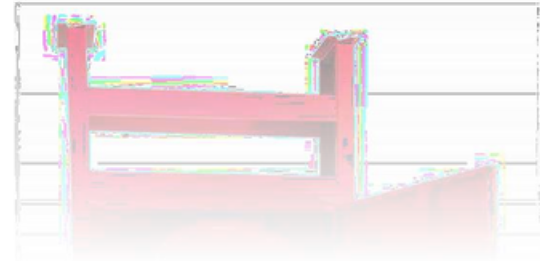


- CE EN 671-2 ISO 9001-2015 certified, outdoor fire hose cabinets with semi-hard rubber hose
- 1,50 mm pickled steel sheet cabinet case and double powder coated cabinet door
- 70 micron electrostatic powder coated with RAL 3020/ RAL 9010 or requested any RAL Color
- 2" 20/30 mt DALGIC brand heat resistant semi-hard rubber hose in compliance to TS EN2222
- Single Reel, Double Reel or Custom Design as requested
- DALGIC brand straight or on-off nozzle
- 2" Aluminum injection coupling spanner

MODEL	HOSE CAPACITY 2"	CASE TYPE	DOOR TYPE	DIMENSION (CM)
	1*20M			
	1*30M			

Dry System Fire Cabinets EN671-2

- CE EN 671-2 ISO 9001-2015 certified, indoor fire hose cabinets with fabric covered hose
- 1,20 mm pickled steel sheet cabinet case and double powder coated cabinet door
- Convenient for water inlet in 8 different points
- 70 micron electrostatic powder coating with RAL 3020/ RAL 9010 or desired RAL Color
- 2" or 2½" EN2222 fabric covered Fire Hose
- 2" or 2½" DALGIC brand straight or on-off nozzle
- 2" or 2½" Inlet shut off valve



MODEL	HOSE CAPACITY 2"	CASE TYPE	DOOR TYPE	DIMENSION (CM)
50412	20MT	RECESSED MOUNTED	STEEL/ GLASS	63*63*23
50413	20/30MT	SURFACE MOUNTED	STEEL/ GLASS	70*70*23
50414	20MT	RECESSED MOUNTED	STEEL/ GLASS	63*63*23
50415	20/30MT	SURFACE MOUNTED	STEEL/ GLASS	70*70*23

FoamCabinets

- 1,50 mm mm pickled steel sheet cabinet case and double powder coated cabinetdoor
- 70 micron electrostatic powder coated with RAL 3020/ RAL 9010 or requested any RALColor
- 30/40/50/60 lt capacity 1%-6% Foam BladderTank
- 1" or 2"DALGIC brand heat resitent semi-hard rubber or or fabric covered hose in compliance to TS EN694
- DALGIC brand jet spray on-offnozzle
- Glass or plexiglass dooroptional



MODEL	HOSE CAPACITY 1"	FOAM CAPACITY (LT)	CASETYPE	DIMENSION (CM)
50421	20MT	30LT	LAND/STEEL	75*125*23
50422	25MT	30LT	LAND/STEEL	75*125*23
50423	30MT	30LT	LAND/STEEL	75*125*23
50424	40MT	40LT	LAND/STEEL	75*125*23



Mobile FoamUnits



- CE EN 671-2 ISO 9001-2015 certified, outdoor fire hose cabinets with semi-hard rubberhose
- 1,50 mm pickled steel sheet cabinet case and double powder coated cabinetdoor
- 70 micron electrostatic powder coated with RAL 3020/ RAL 9010 or requested any RALColor
- 2" 20/30 mt DALGIC brand heat resitent semi-hard rubber hose in compliance to TS EN2222 Single Reel,Double Reel or Custom Design as requested
- DALGIC brand straight or on-offnozzle
- 2" Aluminum injection couplingspanner

FireHydrants

FireHydrants

- Plants
- Storeges
- Industrialfacilities
- In buildingcircles
- In fire-sensitivewoodlands
- TechicalFeatures
 - nominal diameter:DN80-DN100/TS EN1092-2
- NominalPressure:PN-16
- Outlet diameter: 50mm/65mm
- Working temperature: -10°C-+80°C
- Hydrands Key: TS3798
- Flanged bend:DIN28538

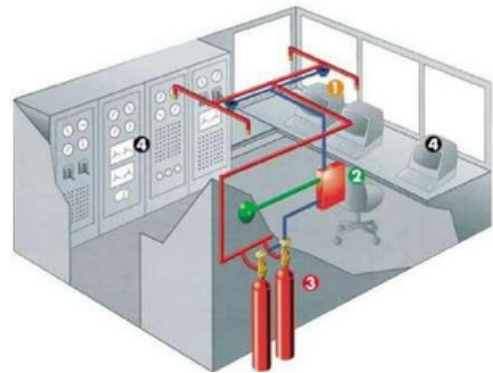


N O	PARTNAME	MATERIAL
1	Bottom Part	GG-
2	DischargeValve	25
3	Middle Part-1	Brass GG-25
4	Middle Part-2	GG-25
5	SleeveCap	Aluminum/Brass
6	Sleeve	Aluminum/Brass
7	UpperPart	GG-25
8	ShaftDrive Bearing	Brass
9	Valve Ball	GG-
1	Valve Ball	25
0		GG-
1	FlapGasket	EPDM 25
1	FlapFlange	Brass
1		
1	U-Port	GG-25
2		
3	JunctionPipe	GalvanisedSteel
1		
1	TNut	Brass
4		
5	Shaft	X20Cr13
1		

FM 200 FIRE EXTINGUISHING SYSTEM



FM200 gaseous extinguishing among the automatic fire extinguishing systems; is preferred due to having features like colorless and odorless. FM200 filled in tubes under pressure of 25 bars; are kept in liquid form. The reason for so often preference of FM200 fire extinguishing systems which are widely used; is not damaging visually the application area and has not a threatening effect on human health. The gas present in liquid form inside; is applied on the flammable area through spraying and FM200 gas forms a layer by covering the flammable surface in the form of glaciers. FM200 gas in a structure similar to halon gas; is not a chemical like halon gas but a physical fire extinguishing system.



General Specifications

- It is a colorless gas.
- Gives off odor.
- Nonconductor.
- Doesn't cause ozone depletion.
- Doesn't contain elements threatening human health because of not being a chemical gas.
- FM200 Gas, a physical gas; in case of proper use, doesn't also inflict the damage caused by other extinguishers on the flammable surface.
- Its spread over the relevant medium within a short period of time.
- It is economically more cost-efficient compared by other extinguishers

The areas where FM200 fire extinguishing systems are widely used are as follows;
Computer Chambers, Telephone Exchanges, Communication Centers, Museums, Art Galleries, System Control Rooms, Generator Divisions, Power Distribution Centers, Bank Safes, Libraries, Storage Areas like Tape, Floppy Disks and Disks, Liquid Tanks that can be flared up such as Acetone.

CO2 EXTINGUISHING SYSTEM



Carbon dioxide extinguishing systems; is a fire extinguishing system used in environments without people. Carbon dioxide gas quickly reduces the oxygen concentration available in the medium and as a result of this, decreases the temperature in the related area by the shock effect created by the carbon dioxide gas emptied. Carbon dioxide extinguishing systems having a very effective extinguishing power; are fire extinguishing systems suitable for environments not containing people because of harming human health.



The features of carbon dioxide extinguishing systems, which are extremely effective fire extinguishing systems and preferred in environments without people, are as follows:

- It has a highly effective and fast extinguishing technique.
- It doesn't damage the ozone layer.
- It can be preferred in local applications.
- It is never be used in the areas including manpower.
- It is often used for the fires spread over a deep and wide area.
- It is not electrically conductive.
- It may form a dust cloud around upon discharge of the system after activation.
- It's a very cost-effective in respect of re-filling the system.
- The system is discharged in maximum 1 minute.

When it is thought that carbon dioxide extinguishing systems are required to be used in environments without people; the most suitable usage areas are as follows.

- Transformer rooms,
- Power transmission chambers,
- Cable galleries,
- Engine rooms,
- Paint cabins,
- Inflammable liquid storage areas,
- Electric control panel rooms,
- Industrial laboratories,
- Computer rooms,
- Environments containing sensitive devices.

Novec 1230 GAS SUPPRESSION SYSTEM

Carbon dioxide extinguishing systems; is a fire extinguishing system used in environments without people. Carbon dioxide gas quickly reduces the oxygen concentration available in the medium and as a result of this, decreases the temperature in the related area by the shock effect created by the carbon dioxide gas emptied. Carbon dioxide extinguishing systems having a very effective extinguishing power; are fire extinguishing systems suitable for environments not containing people because of harming human health.



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- It may form a dust cloud around upon discharge of the system after activation.
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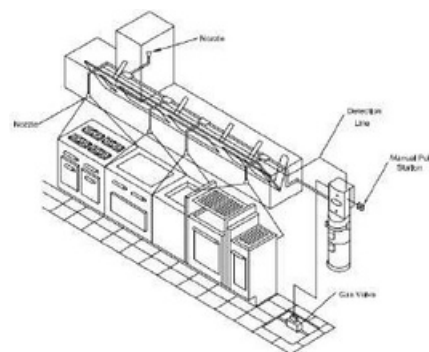
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- Transformer rooms,
- Power transmission chambers,
- Cable galleries,
- Engine rooms,
- Paint cabins,
- Inflammable liquid storage areas,
- Electric control panel rooms,
- Industrial laboratories,
- Computer rooms,
- Environments containing

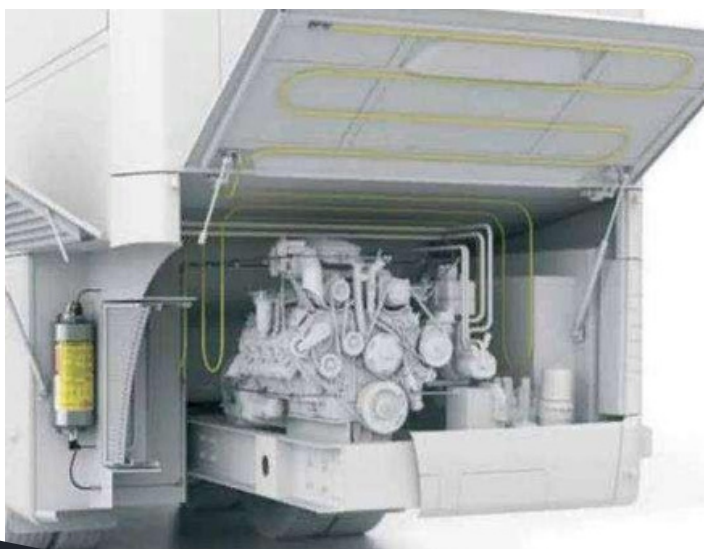
Hood Extinguishing Systems

Hood extinguishing systems assist in extinguishing fires occurring in the areas where hoods are used. These types of fires are frequently encountered especially in kitchens where the hoods are most preferred. The hoods, which are intended for cleaning the surrounding air, take the air out of the space. Therefore, they accumulate inflammable substances within their bodies such as oil in particular. If they are not cleaned on a regular basis, the density of inflammable substances such as oil increases day by day and thus fire outbreak is likely. So, it is required to regularly clean hoods and remove the residues accumulated inside. Otherwise, these accumulated inflammable materials and residues may cause a big fire. The most frequent usage areas of hood fire extinguishing systems which send the interior air to outside and assist in keeping the space air clean:

Restaurants, Hotels, Amusement Centers, Shopping Malls, Schools, Hospitals and Healthcare Institutions, Industrial Facilities, Airports



FOREX Engine Cabin Extinguishing Systems



The vapor condenses at supersonic speed, producing shockwaves by breaking the water into droplets. It performs the unloading process in as little as 20 seconds. An automatic and optional installation can be done.

- Easy installation
- Ergonomic
- No cleaning required

Panel Extinguishing Systems

In-Panel extinguishing systems are known in the world as pre-engineered low-pressure systems. As the preliminary design of this system is made, it does not require application-specific hydraulic calculation, gas filling, nozzle diaphragm, like other gas extinguishing systems, for the protection of equipment which is a high risk of fire, precious and will be damaged from water.

There are two types of front designed low-pressure extinguishing systems, direct and indirect.

In the direct system, gas is discharged from the point to burn by the effect of heat, while in the indirect system there is a nozzle attached to the end of the pipeline, the heat-sensitive hose only acts as fire detection. In the heat-sensitive hose, the hole formed as a result of fire lowers the pressure in the hose so that the valve is triggered but the gas is discharged from the fixed pipe installation, not from the hose.



FIREDETEC automatic extinguishing systems

- > Simple, flexible and condensed

- >

- > It is installed directly into high-risk devices.

- >

- > Automatically detects and extinguishes fire as soon as it starts

- > Reduces maintenance and repair time

- >

- > High reliability: no electricity components

- >

- > The most suitable usage areas are as follows;

- >

- > Server Cabinets

- >

- > Electric Cabinet Systems

- >

- > CNC engine systems

- >

- > Industrial Kitchens

Fire Pump Groups

- Fire pump are certificated by NFPA, UL and FM
- All bolts, screw etc. that come into contact with liquid are made of bronze or corrosion-resistant material
- The fire pump is supplied with an automatic air evacuation valve, body cooling valve, and manometers
- Bearings must have a life of at least 5000 hours in maximum loading condition
- Fire pumps must be supplied with at least 4 windings of seals and one irrigation ring in the interval. If irrigation ring is not to be placed at least 5 windings of seals should be
- Fire pump wheel, wearings, mill, irrigation, and glands should be made of corrosion-resistant material



ConnectorGroups

HoseConnectors

From 1/8" upto 4" Aluminum/Brass Hose Adapters, Camlock (Cam & Groove) Fittings, Caps, Plugs & FDC Covers, Couplings & Clamps, Fire Department Connections, Flanges, Quarter Turn Forestry, Storz Adapters.



NozzleGroups



- Nozzles are parts that control the flow of water or foam coming out of the hose;
- Euro Nozzle
- Gatling Nozzle
- Turbo Nozzle 95
- Turbo Nozzle 2000
- Turbo Nozzle TSPR-E

Fire Department Materials

Sleeveless Foam Mixer

Between %1-6 foam estimator

Foam stoping mechanism

Medium and heavy foam launches are used together.

Fire Fighting Monitor

It is used as firefighting equipment and allows the sparkling water to be easily diverted remotely to the desired area, the barrel of the water monitor has been replaced and made able to throw foam. The ball valve and foam ratio can be adjusted.



Fire Department filling nozzle with/without Valve It

is the apparatus used for more than one hose connection. Use with the check valve and an automatic drip valve eliminates the possibility of freezing the water that may be left in the pipe.

• 4"/2½"-2½"

• With valve or without valve models



Fire Department Hose Types

The inner lining is made of rubber or polyurethane.

The outer surface is woven with special thread to prevent damage on hard floors.

After each use, it should be dried and cleaned of any foreign substances on it.

Suitable for use in fire cabinets and fire trucks.

Dimension: 20 m standard 1"-6"

Working Pressure max. 25 bar

Bursting pressure Max. 50 bar



Foam Lance

The usage of foam material for effective quenching is spread specially produced to obtain good foam. To extinguish large area fires, foam generator transmits the foam drawn from fire trucks or foam tanks with the help of a propeller and condenses them with the help of shredder filters and sends them intensely to combustible material.

Handline Nozzles

It directs the water to the burning area by jet or pulverized. It has a limited usage area compared to turbo nozzles, but it is suitable for effective cooling. With the possibility of creating a water curtain, it protects firefighters from the effects of heat and smoke.

Foam Extinguishing Systems



Extinguishing foam is essentially a mixture of water, foaming agent and air. The mixture ratio of these three substances is adapted depending on the application. The extinguishing effect comes from the heat-resistant foam forming a solid blanket over the flammable materials. This creates a cooling, separating and suppressive effect depending on the type of foam. The foam isolates the flames from the oxygen supply and suppresses the development of toxic flue gases. The chemical reaction for combustion is therefore halted and the flame is extinguished. The foam system can operate like any of the other fire sprinkler systems (Wet-, Dry-, Pre-action and Deluge systems). This means the system is activated either by activating the heat sensing element on the sprinkler heads or via the fire detection system. Foam systems are used in places that are considered high hazard areas, such as power plants, offshore oil rigs, aircraft hangars, and chemical storage or processing facilities.

Deluge foam sprinkler systems

It is the system in which there is no foam-water mixture in the system pipes and the valve controlling the system is triggered manually, electrically or mechanically and the mixture flows into the protected area from all the sprinkler heads.



Automatic Sprinklers



Wet Pipe Sprinkler Systems

In the wet-pipes sprinklers system, the pipes are kept continuously filled with pressurized water. It is applied only where there is no risk of freezing and the environmental temperature does not exceed 95°C. Sections of wet sprinkler systems in places with risk of freezing should be protected with an antifreeze system or heater cables system with electric monitoring.

Dry Pipe Sprinkler Systems

Dry pipe sprinkler systems are systems where the top of the dry alarm valve is continuously pressurized by compressed air or inert gas, and the bottom of the dry alarm valve is pressurized by water.



Pre-reaction sprinkler systems

- Locked Pre-reaction sprinkler system
- Unlocked Pre-reaction sprinkler system
- Double Locked Pre-reaction sprinkler system

Fire Detection and Alarm Systems

Fire detection and alarm systems are the systems used to detect fires on the initial stage which might be in all kinds of construction, building, facilities, and business, to inform the inhabitants of the building, necessary security and fire departments and to protect life and property. The need for fire detection could more clearly understandable when the fire damage of a building and residents are thought despite all these security systems.

- Analog systems
- Interactive algorithm-based systems
- Active air sampling very sensitive smoke detection systems
- Active air sampling gas detection systems
- Project-based beam-type detectors
- Flame and spark detectors
- Cable-type temperature detection systems
- Fiber-optic temperature detection systems
- Addressable control panel network up to 160,000 points
- Integrated firefighter and field phones in the control panel
- Integrated evacuation amplifiers and audio control unit in the control panel
- User graphical monitoring and control software
- 4-dimensional detectors



Emergency Luminaires

General Specifications

- LED
- Double Face
- Constantly lights/ blazing light in blackout
- 180 min running time without electricity
- Ceiling and wall mounting
- IP 40 Protection box
- Light sources 2*20W t5



Engineering and Project Services



Requested facilities in accordance with the standards required once the system has been designed for the establishment of fire suppression, fire extinguishing system, general layout, architectural projects and all of the places that will be in business by examining the plans in coordination with relevant units, respectively; and design projects, application projects are prepared by your company. We are providing consultancy services for our customers about drawing up fire scenarios, selection of appropriate systems against possible fires and the precautions required to be taken against fire. We design fire protection systems by utilizing software support under our professional and expert engineers. We continue our project planning studies following international fire standards. All equipment required for fire protection systems are supplied from our company.



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