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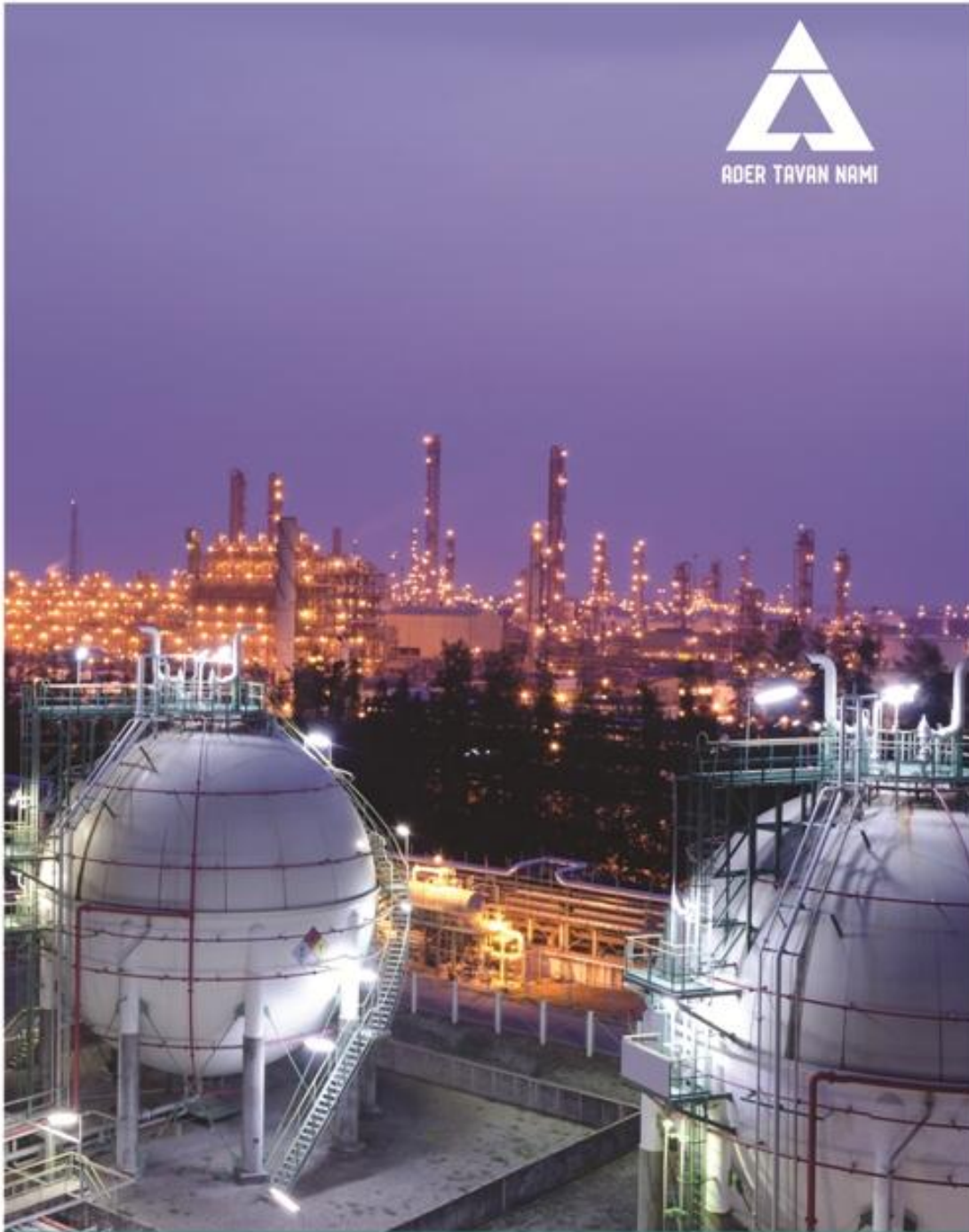
WHO WE ARE

ADER TAVAN NAMI is established in Nasirabad Industrial Zone in 2006 .The workshop is equipped for metalworking with high quality CNC and NC machines . Professional design team, expert engineers, perfect usage of computer softwares and hard work employers make ADER TAVAN NAMI as a leader company in firefighting and fire alarm systems in Iran.

ADER TAVAN NAMI does engineering , manufacturing procurements and installation in firefighting and fire alarm projects , and sometimes takes attend in project with its supervisor team.

Based on project, we can arrange our manufacturing facilities for different types of products , in this way we can supply our products in different varieties like material , thickness , coating and painting.





**It's Not Important which industry you are in;
You Need Safety**



Fire Hose Cabinet

Fire hose reel cabinet

Model ATC 1

Overall dimension 650(W) * 750(H) * 200(D)

Material C.S ST 12

Thickness 1.5 mm

Paint Electrostatic powder oven RAL 3020



Fire hose reel cabinet

Model ATC 2

Overall dimension 650(W) * 750(H) * 200(D)
+30mm side edge

Material C.S ST 12

Thickness 1.5 mm

Paint Electrostatic powder oven RAL 3020



Fire hose reel cabinet

Model ATC 3

Overall dimension 650(W) * 900(H) * 200(D)
+30mm side edge

Material C.S ST 12

Thickness 1.5 mm

Paint Electrostatic powder oven RAL 9016



Fire hose rack cabinet

Model ATC 4

Overall dimension 900(W) * 1100(H) * 300(D)

Material C.S ST 12

Thickness 1.5 mm

Paint Electrostatic powder oven RAL 3020



* All dimensions are in mm and could be changed by customers order



Fire Hose Cabinet

Fire hose reel & Extinguisher cabinet

Model ATC 5

Overall dimension	1100(W) * 750(H) * 200(D)	
Material	C.S ST 12	
Thickness	1.5 mm	
Paint	Electrostatic powder oven RAL 3020	



Fire hose reel & Extinguisher cabinet

Model ATC 6

Overall dimension	1100(W) * 750(H) * 200(D)	
Material	Body	C.S ST 12
	Doors	S.S 304
Thickness	1.5 mm	
Paint	Electrostatic powder oven RAL 3020	



Fire hose reel & Extinguisher cabinet

Model ATC 7

Overall dimension	1100(W) * 750(H) * 200(D) +30mm side edge	
Material	Body	C.S ST 12
	Doors & Side edge	S.S 304
Thickness	1.5 mm	
Paint	Electrostatic powder oven RAL 3020	



Fire hose reel & Extinguisher cabinet

Model ATC 8

Overall dimension	1100(W) * 750(H) * 200(D) +30mm side edge	
Material	Body	C.S ST 12
	Doors & Side edge	S.S 304 Mirror
Thickness	1.5 mm	
Paint	Electrostatic powder oven RAL 9016	



* All dimensions are in mm and could be changed by customers order



Fire Hose Cabinet

Fire hose reel & Extinguisher vertical cabinet

Model ATC 9

Overall dimension 800(W) * 1600(H) * 250(D)
+ 30mm side edge

Material C.S ST 12

Thickness 1.5 mm

Paint Electrostatic powder oven RAL 3020



Fire hose reel & Extinguisher vertical cabinet

Model ATC 10

Overall dimension 800(W) * 1600(H) * 250(D)
+ 30mm side edge

Material Body & Side Edge C.S ST 12

Doors S.S 304

Thickness 1.5 mm

Paint Body Electrostatic powder oven RAL 3020

Fire hose reel & Extinguisher vertical cabinet

Model ATC 11

Overall dimension 800(W) * 1600(H) * 250(D)

Material S.S 304 Or 316 , 316L

Thickness 1.5 mm

Paint No painting





Fire Hose Cabinet

Self standing fire hose reel cabinet

Model ATC 12

Overall dimension	1100(W) * 1100(H) * 1100(D) +300mm legs
Material	C.S ST 12
Thickness	1.5 mm
Paint	3 layer painting after sandblast RAL 3020



Self standing fire hose & Accessories cabinet

Model ATC 13

Overall dimension	750(W) * 900(H) * 400(D) +200mm legs
Material	C.S ST 12
Thickness	1.5 mm
Paint	3 layer painting after sandblast RAL 3020

Self standing fire hose & Accessories cabinet

Model ATC 14

Overall dimension	1200(W) * 900(H) * 350(D) +200mm legs
Material	C.S ST 12
Thickness	1.5 mm
Paint	3 layer painting after sandblast RAL 3020



* All dimensions are in mm and could be changed by customers order



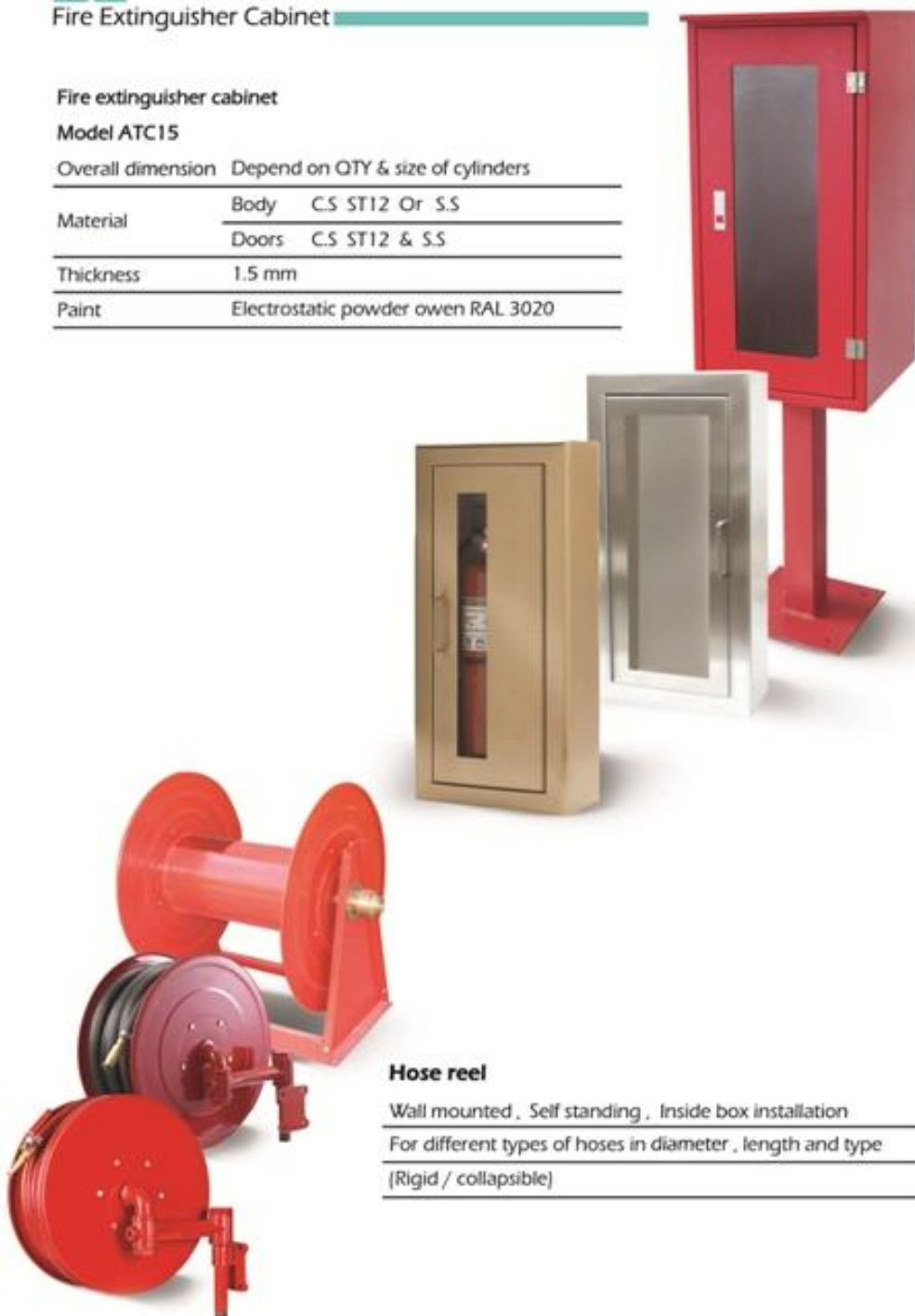
Fire Extinguisher Cabinet

Fire extinguisher cabinet

Model ATC15

Overall dimension Depend on QTY & size of cylinders

Material	Body	C.S ST12 Or S.S
	Doors	C.S ST12 & S.S
Thickness	1.5 mm	
Paint	Electrostatic powder oven RAL 3020	



Hose reel

Wall mounted , Self standing , Inside box installation

For different types of hoses in diameter , length and type

(Rigid / collapsible)

Valves



Hoses



Coupling & Adaptor



Nozzles





Fire Hydrant Valve

Fire hydrant valve

Model ATH 1

Material	Body Carbon Steel
	Valve , Brass Or Gunmetal
Inlet	6 "
Outlet	2 * 2 1/2" for valve & 5" pumper connection
Valve	2 * 2 1/2" Globe Or Gate valve
Working pressure	12 Bar
Paint	3 layer painting after sandblast RAL 3020



Fire hydrant valve

Model ATH 2

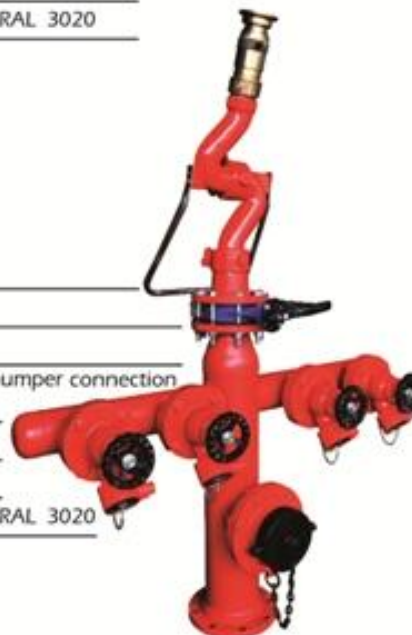
Material	Body Carbon Steel
	Valve , Brass Or Gunmetal
Inlet	6"
Outlet	2 * 2 1/2" for valve & 4" Monitor connection
Valve	2 * 2 1/2" Globe Or Gate valve
Working pressure	12 Bar
Paint	3 layer painting after sandblast RAL 3020



Fire hydrant valve

Model ATH 3

Material	Body Carbon Steel
	Valve , Brass Or Gunmetal
Inlet	6 "
Outlet	(2 or 4) * 2 1/2 "for valve + 5 " pumper connection and 4 "monitor connection
Valve	(2 or 4) Globe Or Gate valve
Working pressure	12 Bar
Paint	3 layer painting after sandblast RAL 3020





Monitor & Post-Indicator Valve

Foam / Water monitor

Model ATH 4

Material	Cast Iron Or gunmetal
Inlet	2 1/2", 3", 4" [Flanged or threaded]
Flow rate	Nozzle available from 1350 / 2000 / 2700 / 4000 LPM
Travel	360° Horizontal 135° Vertical
Working pressure	10 Bar
Paint	3 layer painting after sandblast RAL 3020



Post indicator valve

Model ATH 5

Material	Cast Iron
Inlet	4", 6", 8"
Working pressure	10 Bar
Paint	3 layer painting after sandblast RAL 3020



HYDRANT, MONITOR, POST-INDICATOR VALVE

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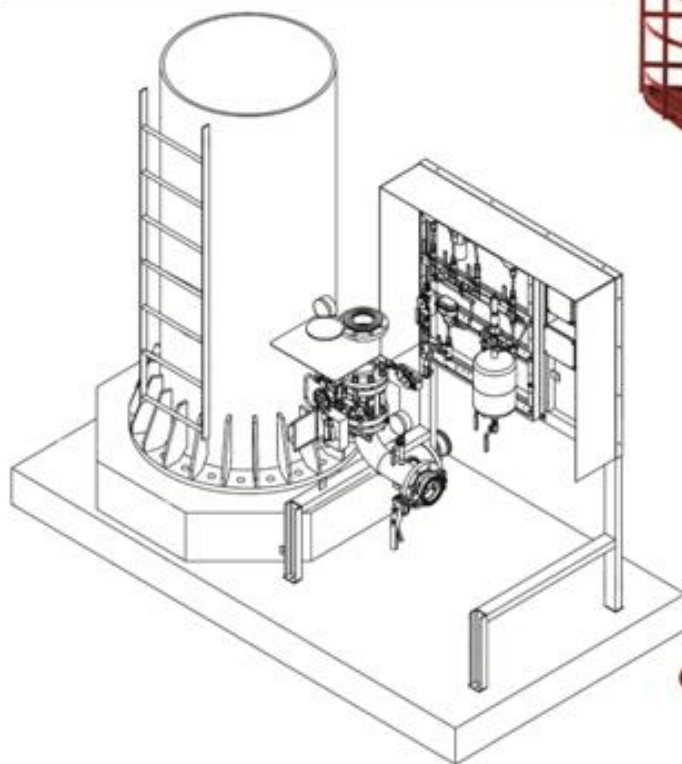
Fire Monitor Tower

Fire Monitor Tower

Model ATH 6

Type	Steel pipe tower		
Height	7 m - 24 m		
Material	Body	Carbon steel	
	ladder	Carbon steel	
	Platform	Carbon steel	
	feeding port	4 "Pipe CU - NI	
Working pressure	12 Bar		
Design temperature	85 °c		
Inlet connection size	4 "CU-NI		
Inlet connection type	Flange # 150 ASME	B 16.5	
Coating	Hot deep Galvanized		Ral 3020
	&Final coat 70 micro		

Calculated for wind speed 136 km/h
Considering a platform every 6 m height





Deluge Valve Skid

Deluge valve skid

Model ATH 7

Size 2" - 16"

Material	Main vavle body	Cast steel ASTM
		Naval Bronz
		Nickle - Aluminum - Bronz
		Stainless Steel
	Main pipe	Carbon Steel
		Nickle - Aluminum - Bronz
		CU - NI
		Stainless Steel
	Structure	Carbon Steel

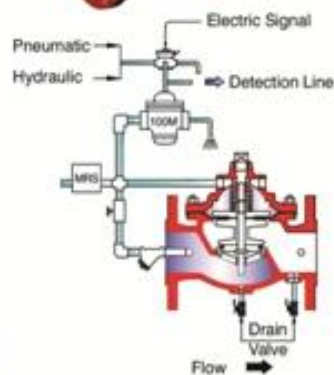
Working pressure 8 - 12 Bar

Design temperature 70 °c

Inlet connection Flange to ASME B 16.5 # 150 & 300

Paint 3 layer painting after sandblast RAL 3020

Equipped with all instrument and trims



DELUGE VALVE SKID

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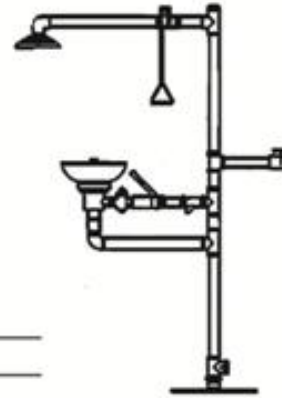


Safety Shower & Eye Wash

Safety shower & eye wash

Model ATS 1

Size	Shower 1 1/2 "	
	Eye wash 1/2 "	
Inlet	1 1/2" Flanged ASME B16.5	
Flow rate	115 LPM for shower at 2 BAR G	
	12 LPM for eye wash at 2 BAR G	
Material	Pipe	C.S Or S.S
	Valve , Strainer , Nozzle	Brass
	Bowl , Shower	S.S
Paint	3 layer painting after sandblast RAL 6018	



Safety eye wash

Model ATS 2

Size	1/2 "	
Flow rate	12 LPM at 2 BAR G	
Inlet	1 1/2" Flanged ASME B16.5	
Material	Pipe	C.S Or S.S
	Valve , Strainer	Brass
	Eye wash nozzle	
	Bowl	S.S
Paint	3 layer painting after sandblast RAL 6018	





Sprinklers & Spray Nozzles



Sprinklers

Available in:
1/2" & 3/4" SIZES
Standard & Quick Response
Different K-Factors
UL & FM Approved



Pendent



Upright



Sidewall



Concealed



Flexible Sprinkler



2 Pieces Rosette



Single Piece Rosette



Sprinkler Guard



Sprinkler Cabinet

Spray Nozzles

Available in:
1/2" & 3/4" SIZES
Different K-Factors
UL & FM Approved
Brass & Stainless Steel



High Velocity



Medium Velocity



Tank Cooling Nozzle



Flat Nozzle



CO2 Systems

Why Carbon Dioxide ?

Carbon dioxide is an effective fire suppression agent applicable to a wide range of fire hazards.

Carbon Dioxide works quickly, with no residual clean-up associated with a system discharge which translates into minimal business interruption.



WEIGHING DEVICE



MANIFOLD



NOZZLES



HOSES





FM200 System

What is FM200 Fire Suppression?

FM200 fire suppression is also known as HFC227ea. FM200 is a waterless fire protection system, it is discharged into the risk within 10 seconds and suppresses the fire immediately.

How does FM200 work?

There is a common misconception that FM200 gas reduces oxygen which is not true! FM200 is a synthetic/chemical fire suppression gas and extinguishes a fire by removing the free radicals or heat elements from the fire triangle. (Oxygen, Heat and Fuel).

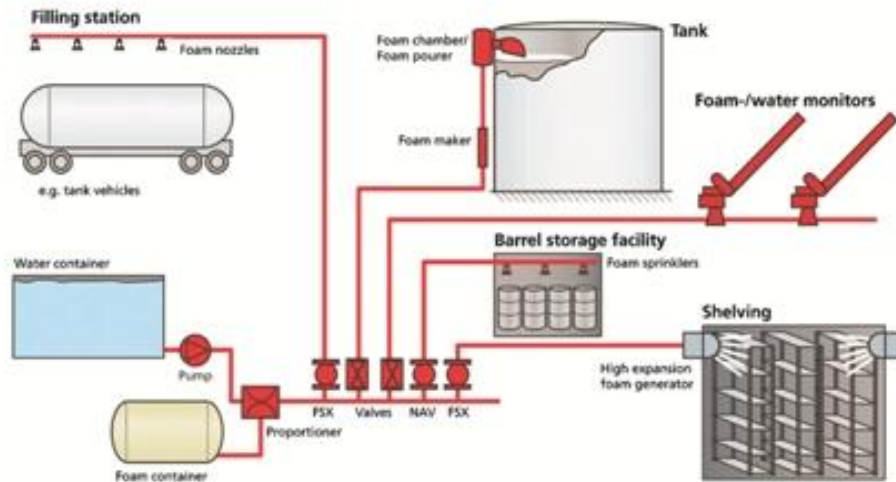


ACCESSORIES





Foam Systems



Foam Chamber

Model ATCH 1

Material	Body Carbon Steel
	Orifice Gunmetal
Inlet	2" ~ 8"
Outlet	2" ~ 8"
Valve	2" * 2 1/2" Globe Or Gate valve
Working pressure	4 Bar
Paint	3 layer painting after sandblast RAL 3000



Foam Chamber

Model ATCH 2

Material	Body Carbon Steel
	Orifice Gunmetal
Inlet	2" ~ 8"
Outlet	2" ~ 8"
Working pressure	4 Bar
Paint	3 layer painting after sandblast RAL 3020





Premixed foam storage tank

Operation	Manual Or Automatic	
Volume	6000 L	
Working pressure	8 Bar	
Discharge Time	Depend on Qty & LPM of monitors	
Material	Body	C.S ASTM 516 GR 70 Thk 10
	Pipe	C.S ASTM A 106 GR B
	Flange	C.S ASTM A 105
Paint	3 layer painting after sandblast Ral 3020	



Fire Alarm Systems

Conventional Fire Alarm System

- Consultant and Engineering Services
- Procurement and Installation Services

System Equipment:

Control Panels:

- Intelligent Microprocessor Control Panels
- operation possible with LED displays
- Approved Relevant International Standards Such as VDS, LPCB, EN
- Supply 2, 4, 8, 16 and 32 Detector Zones
- Code or key switch user access
- Supported All Conventional Detectors
- Include Output Relays

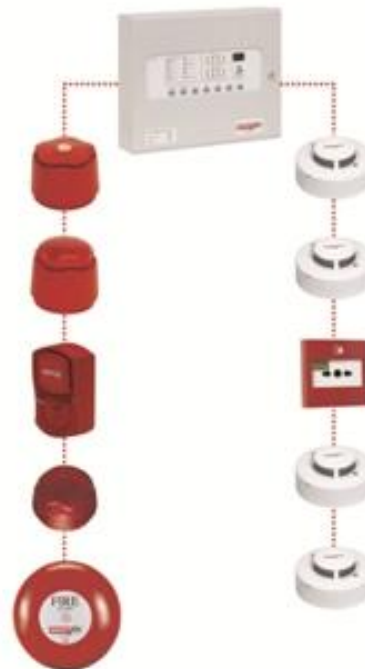


Input Devices:

- Optical smoke detector
- Smoke detector
- Heat detector
- Multi-sensor smoke detector
- Manual call point
- Alarm indicator
- Linear Detector

Output Devices:

- Sounder
- Flasher
- Warning Sign





Addressable Fire Alarm System

- Consultant and Engineering Services
- Procurement and Installation Services

System Equipment:

Intelligent Control Panels:

- Intelligent Control Panel with 32bit C to enable feature extension in future
- De-Centralised Intelligence
- Approved Relevant International Standards Such as VDS, LPCB, EN
- Software Update via USB
- Code or key switch user access
- Prepared for Web Server and Ethernet connection
- CPU Platform
- 3.5 Kms Loop Length
- ¼ VGA display option
- Programmable Output Relays

Addressable Devices:

- Heat detectors
- Smoke detectors
- Radio linked detector
- Line type heat detectors
- Addressable Sounder/Flasher
- Intelligent fire detector (multiple criteria detector)
- Fire detectors for intrinsically safe areas (ex)
- Line type fire detectors (transmitted light principle)
- Smoke extraction Systems
- Flame detectors
- Addressable Input/output for Connecting Conventional Devices





END NOTE

We hope that you have found this booklet helpful and informative; we would welcome the opportunities to discuss our company details to demonstrate our abilities to complete a project with high efficiency.

We would like to express our sincere thanks, and we'll be looking forward to hear from you.



Note

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