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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 HOSE CABINET

WWW.AOERTVAN.COM

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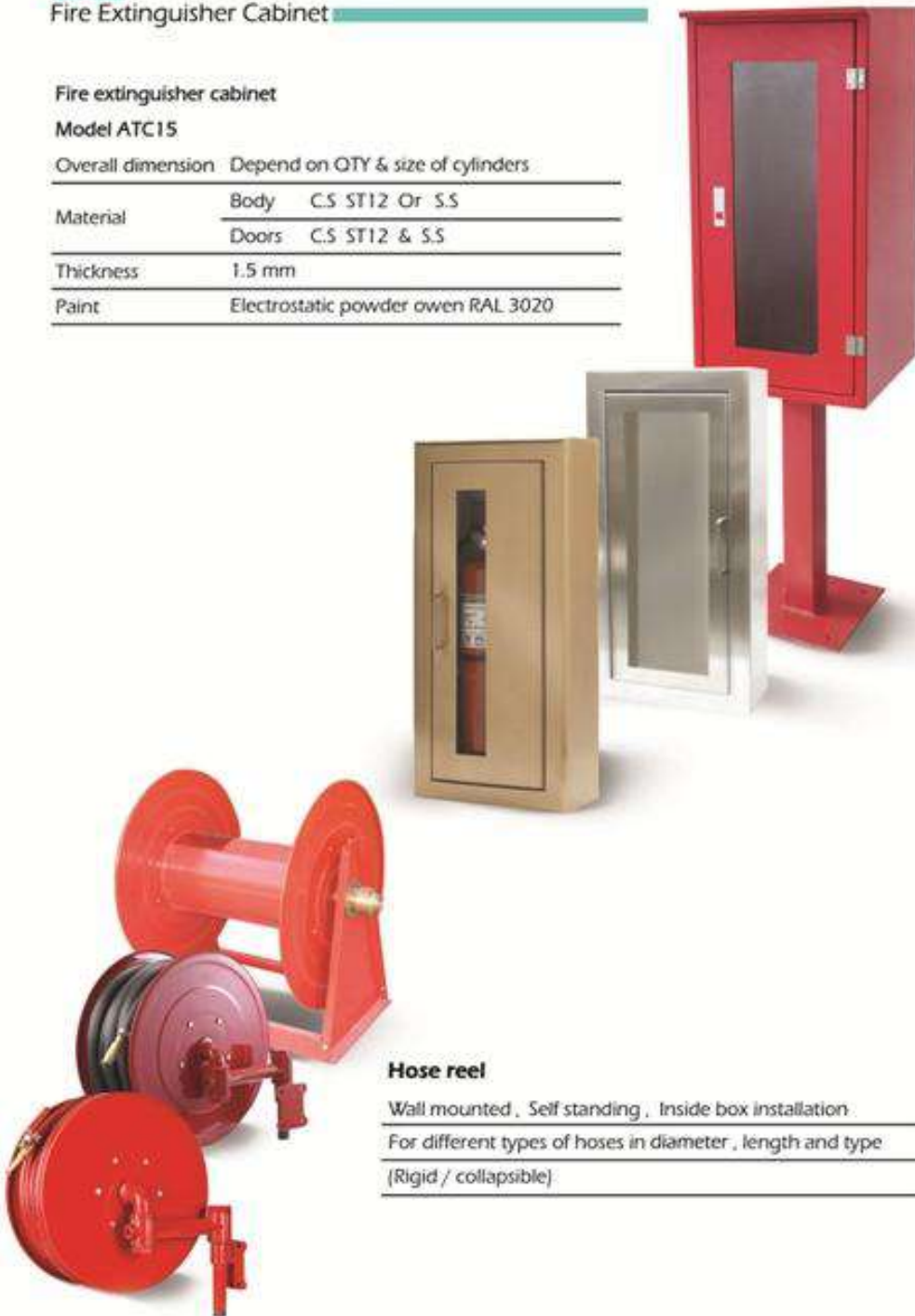
Fire Extinguisher Cabinet

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

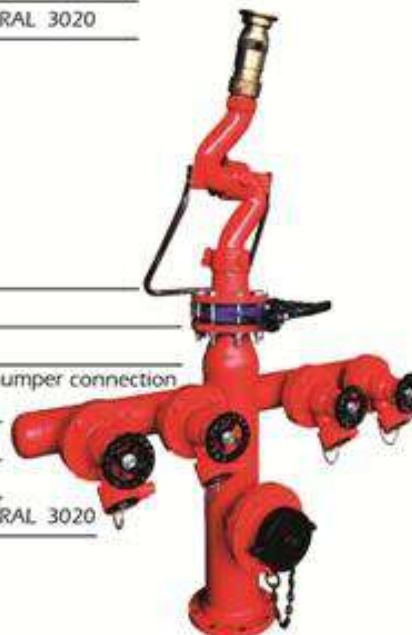
Material	Body Carbon Steel
	Valve , Brass Or Gunmetal
Inlet	6 "
Outlet	2 * 2 1/2" for valve & 4" Monitor connection
Valve	2 * 2 1/2" Globe Or Gate valve
Working pressure	12 Bar
Paint	3 layer painting after sandblast RAL 3020



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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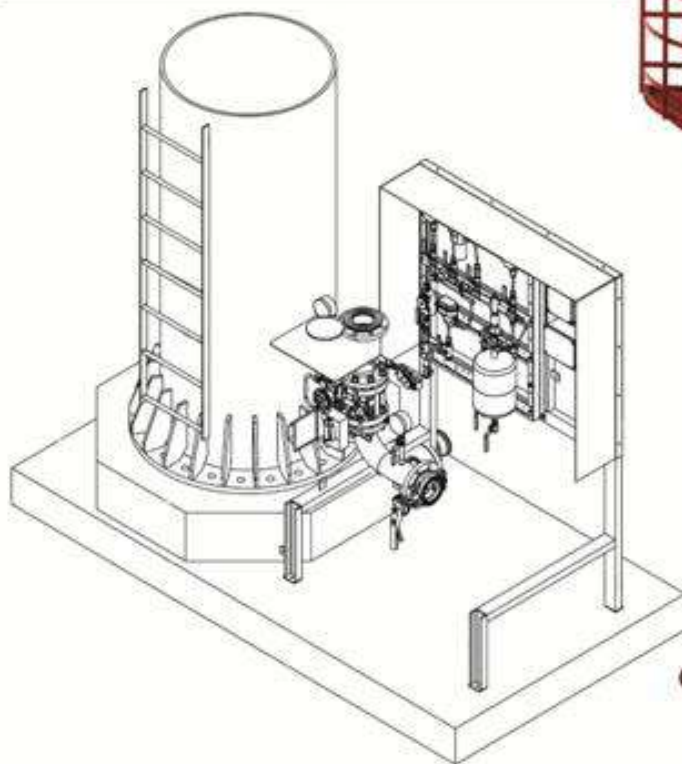
Fire Monitor Tower

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 &Final coat 70 micro		Ral 3020

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



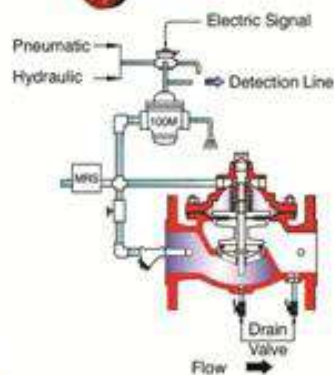


Deluge Valve Skid

Deluge valve skid

Model ATH 7

Size	2" - 16"
Material	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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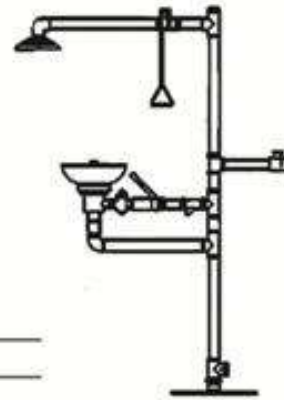


Safety Shower & Eye Wash

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 Eye wash nozzle	Brass
	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).

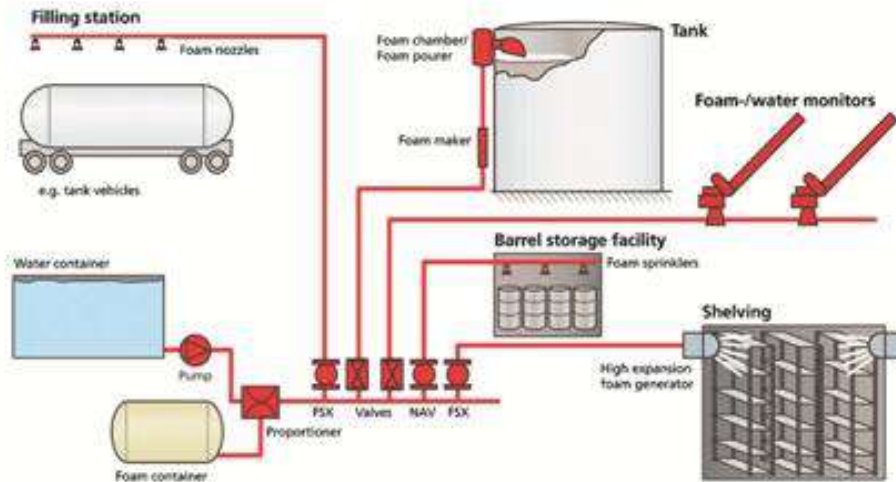


ACCESSORIES





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:

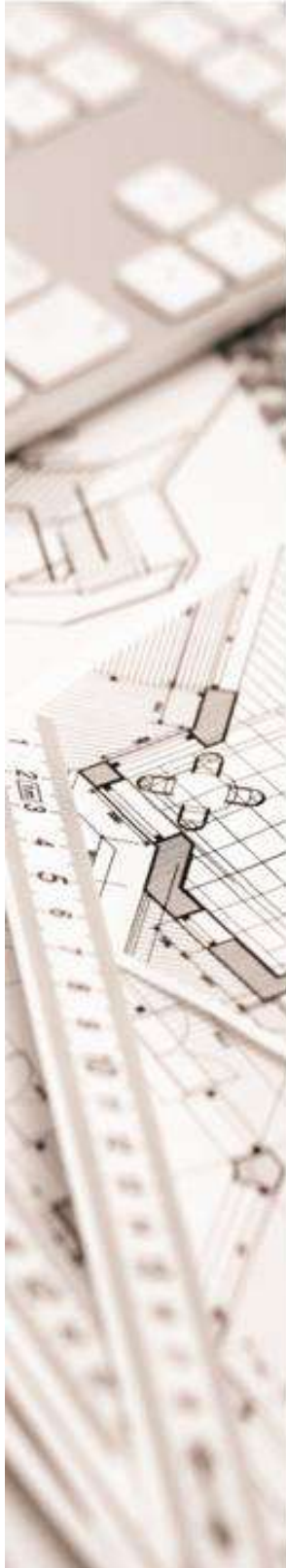
Intelligent Control Panels:

- 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.

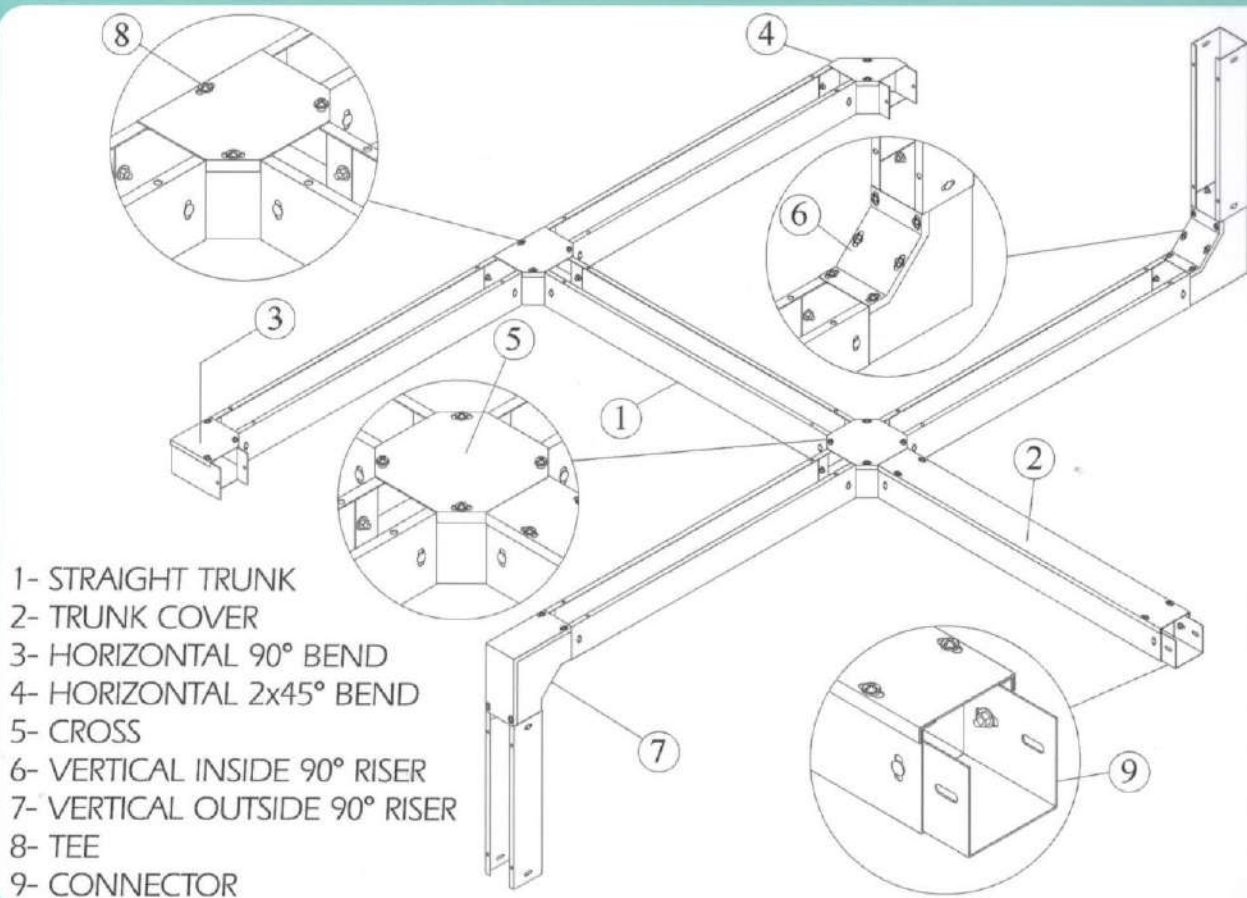


ADER TAVAN NAMI

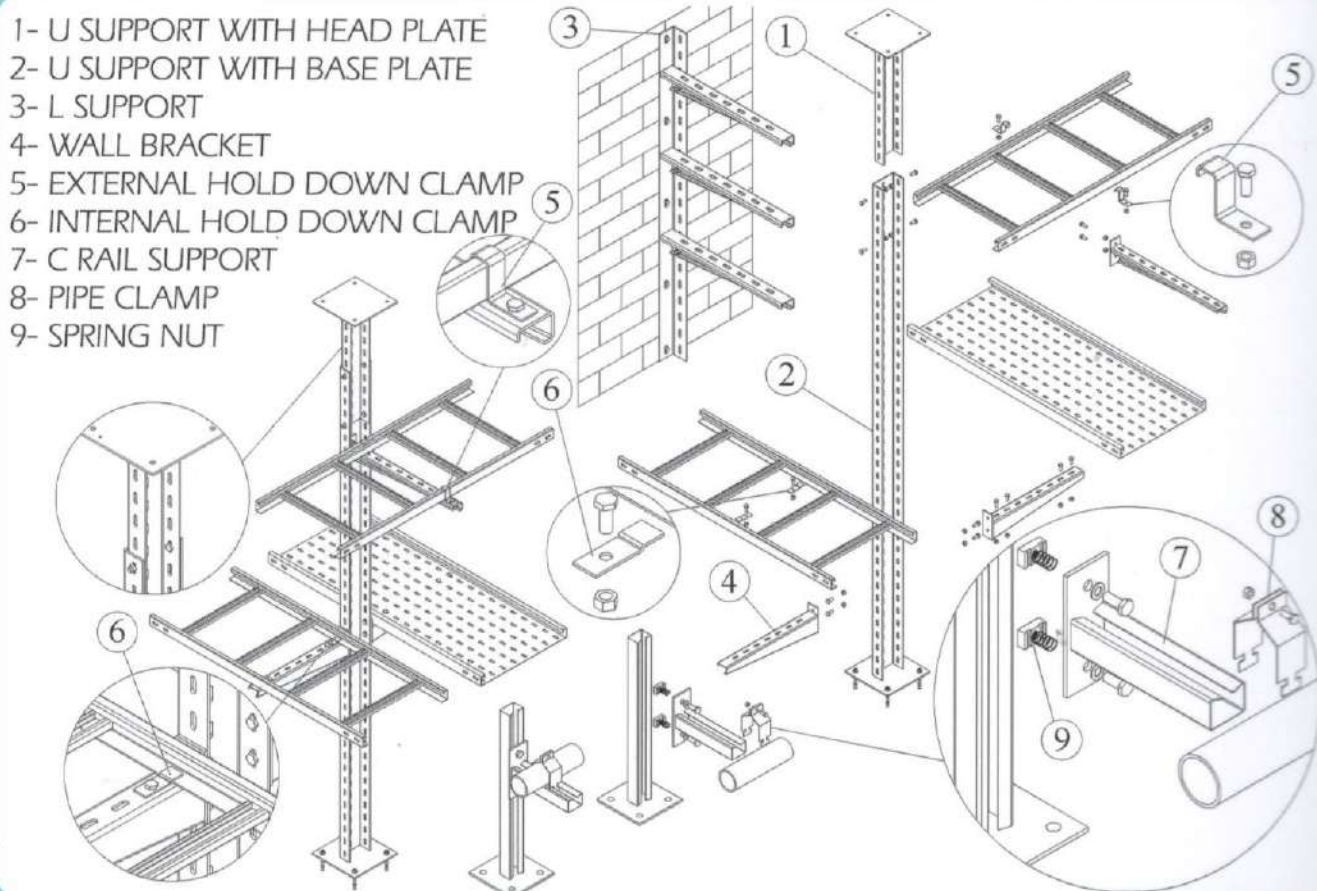
CABLE TRAY
CABLE LADDER
TRUNKING
SUPPORT



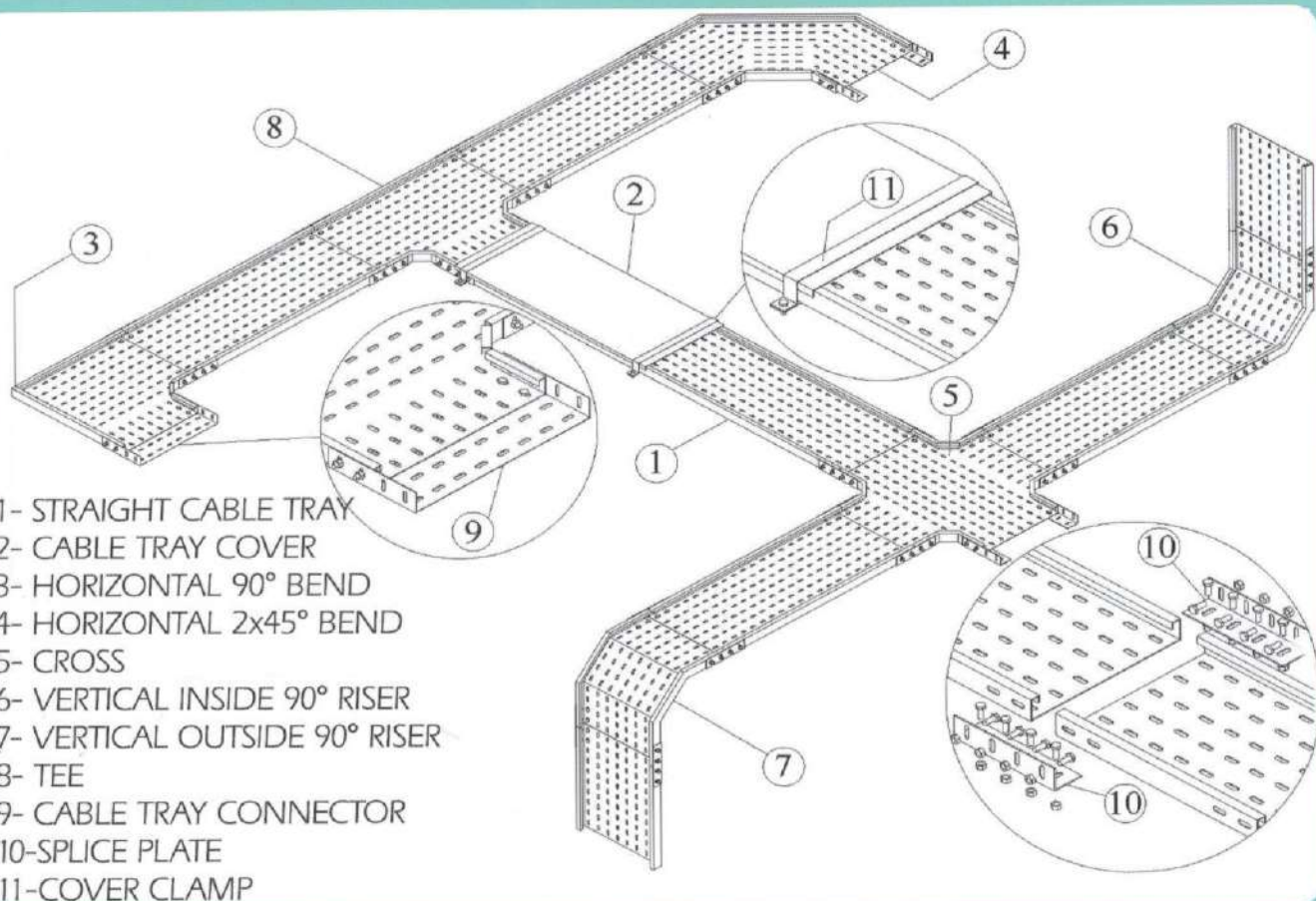
TRUNKING & ACCESSORIES



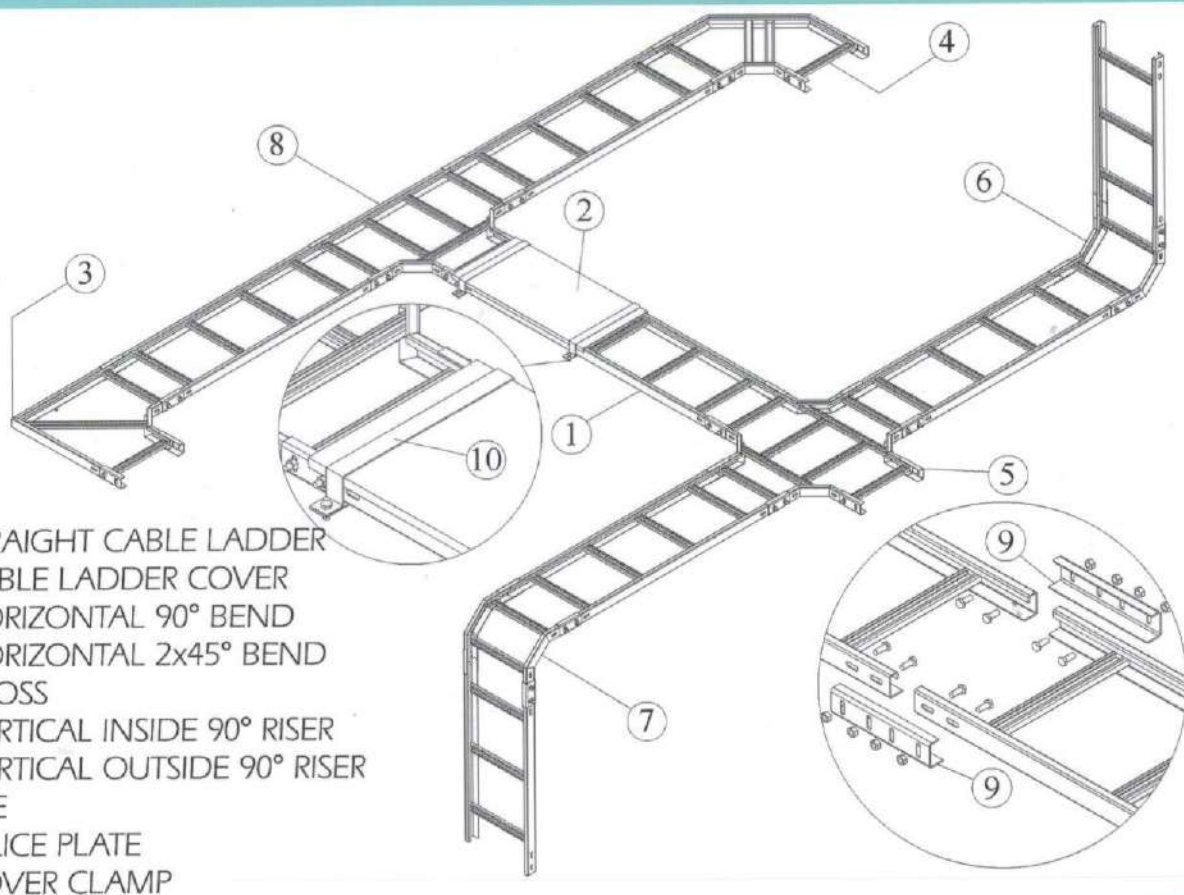
SUPPORT SYSTEM



CABLE TRAY & ACCESSORIES



CABLE LADDER & ACCESSORIES



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