



Fire Technology
مصنع تقنية الإطفاء

Plan for Fire Hose Cabinet





Leading National factories for Hollow Metal Doors & Frame and FireFighting Equipments.



Errors & Omissions

Every effort has been made to ensure the accuracy and completeness of this Catalogue. The information herein is subject to some interpretation, and from time to time, the data sheets will be updated whenever it is deemed necessary as new tests are conducted, new products and technologies are introduced and as specifications are revised.

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Fire Technology

مصنع تقنية الإطفاء

An introducing our selves – we are Fire Technology Factory – it is worth to say that we are one of the Leading National Factories in Saudi Arabia working in the field of Manufacturing Hollow Metal Doors and Frame & Fire Fighting Equipment which includes:-

- > Hollow Metal Doors & Frame (UL Listed Fire Rated / Non Fire Rated).
- > Fire Hose Reel (Rubber / Synthetic) Cabinets (All Types).
- > Fire Hose Rack Cabinets (All Types).
- > Fire Suppression System (FM 200, CO2, Novec1230, Fire Trace).
- > Water Mist System.
- > Foam Systems (Stationary, Mobile).
- > Foam Bladder Tanks (All Types).
- > Fire Pumps (All Capacities & Types).
- > Beside Other Related Industries.

Our factory is equipped with the latest and most modern CNC machinery to Co-op with the advanced & most accurate products in Fire Fighting Equipment filed as well as to increase our productivity to satisfy our customer's need on time.

Beside high advanced machinery we also have (Engineering / Design Department) & (Technicians) are very Educated & Trained for the jobs to assign.

We look forward make mutual & fruitful business with your esteemed establishment.

For any clarification, please feel free to contact us at the following:-

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Some of our Partners

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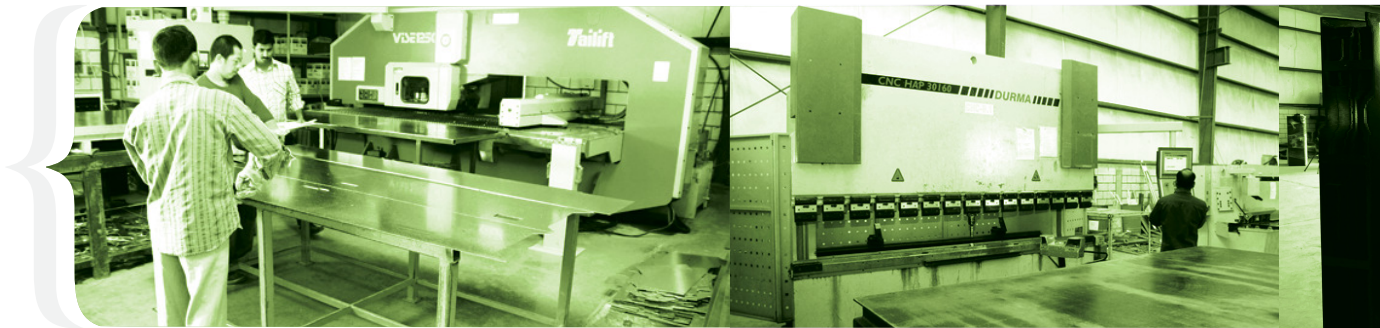
Danfoss
SEMCO
FIRE PROTECTION

HOCHIKI

CROKER

FACTORY MACHINERY

- CNC Punching Machine.
- CNC Bending Machine.
- NC Shearing Machine.
- Corner Cutting Machine.
- Center Drilling Machine.
- Polyurethane Filling Machine.
- Mig welding Machine.
- Spot welding Machine (Stand).
- Arc Welding Machines.
- General tools
- Powder Coating Line (35 M x 25 M).
- Chemical Treatment Line.
- Spray Painting booth.
- Multi- Layers Pressing Machine (Hydraulic).







ISO 9001:2008





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Fire Technology
مصنع تقنية الإطفاء

Fire Hose Cabinet

Technical Details for Hose Reel Cabinet.

Fire hose Reel Cabinet manufactured based on the latest modern technical processes and complies with the best international standards. It has different styles of doors and different types of cabinets such as wall mounted Surface , Recessed, Semi - Recessed type beside that we manufacture as per architecture engineer requirement.

Hose Reel Drum:

Manufactured from steel under presses to give it enough strength to hold the weight of the hose. The outer edge rolled over to give a safe handling edge on the outer rims and better appearance.

Hose:

The hose is manufactured from PVC and complying with European standard EN694 constructed from double layers synthetic yarn with working pressure 20 bars and bursting pressure 60bar.

Valve:

Size 1.5 with 45° angle Brass finish chrome and brass finish available upon request.

Nozzle:

Available in the three types.

Plastic: nozzle three way control with (straight, spray and stop functions).

Brass: with chrome plated two ways to control with straight and stop functions.

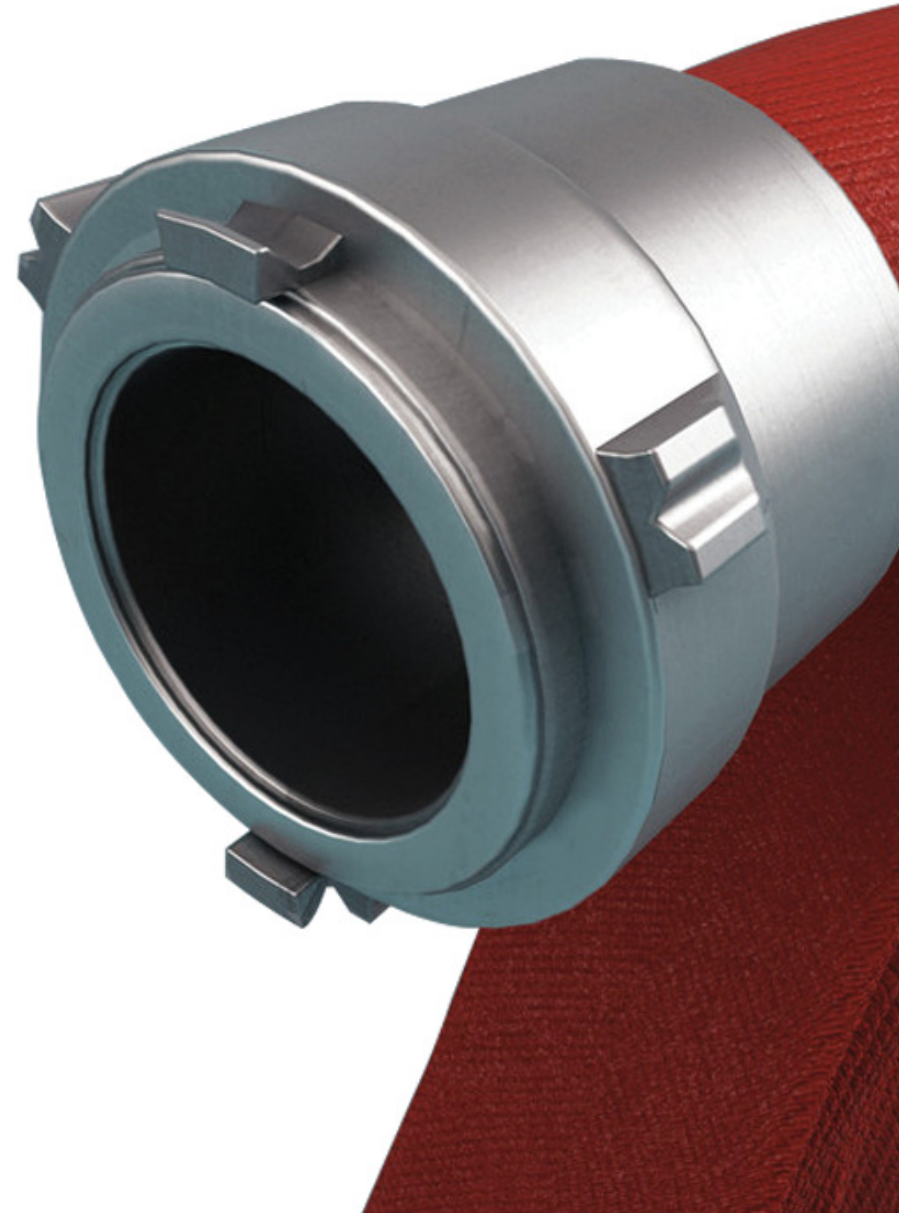
Brass: with chrome plated with three way control (straight, spray and stop).

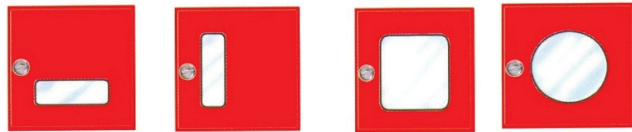
Colour:

Available upon request to meet the architectural design requirements.

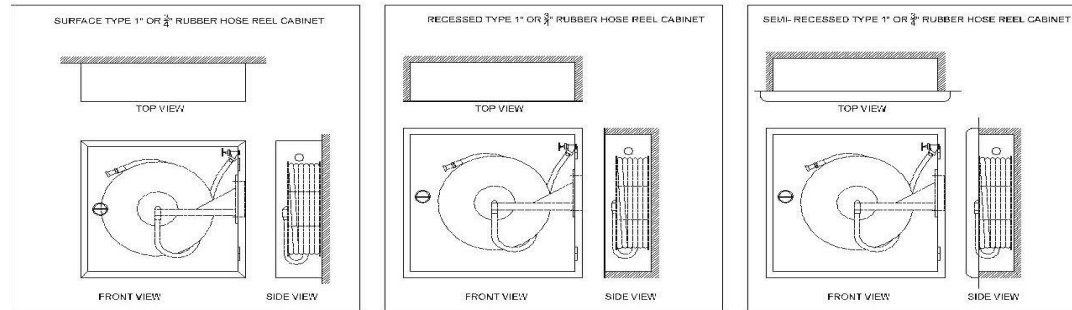
Important for art engineer:

We can supply wooden, marble doors or whatever recommended by the consultants





Fire Hose Reel Rubber Cabinet (Single Door) Drawings

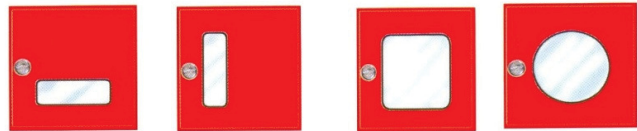
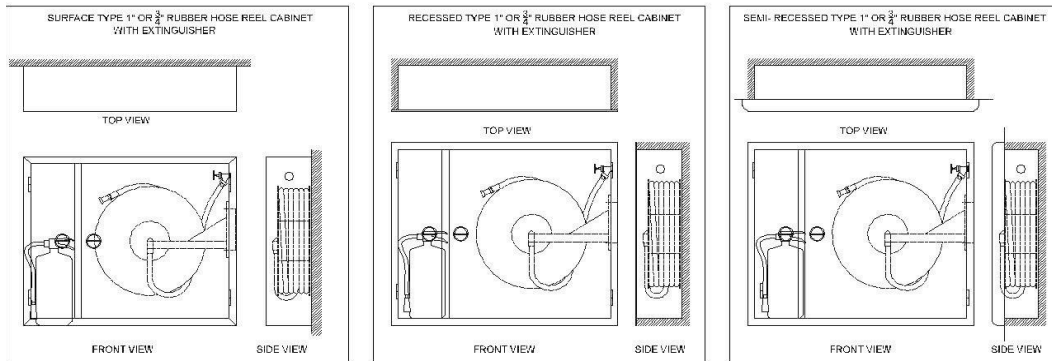


Fire Hose Reel Rubber Cabinet (Single Door) Models

Model	Description	Surface	Type & Size Recessed / Semi-Recessed
FTC-100	Manual Swinging Rubber Hose Reel 1" x 30 meters.	800x800x225 mm	800x800x225 mm
FTC-100A	Automatic Swinging Rubber Hose Reel 1" x 30 meters.	800x800x225 mm	800x800x225 mm
FTC-100S	Manual Swinging Rubber Hose Reel 1" x 30 meters (Body steel, Frame, & Door Stainless steel).	-	800x800x225 mm
FTC-100AS	Automatic Swinging Rubber Hose Reel 1" x 30 meters (Frame & Door Stainless steel).	-	800x800x225 mm
FTC-100SS	Manual Swinging Rubber Hose Reel 1" x 30 meters (Full Stainless steel).	800x800x225 mm	-
FTC-100SSA	Automatic Swinging Rubber Hose Reel 1" x 30 meters (Full Stainless steel).	800x800x225 mm	-

Painted Finish: Electrostatic Powder Coated 70Micron Min.

Fire Hose Reel Rubber Cabinet (Double Door) Drawings



Fire Hose Reel Rubber Cabinet (Double Door) Models

Model	Description	Surface	Type & Size Recessed / Semi-Recessed
FTCE-100	Manual Swinging Hose Reel 1" x 30 mtrs Double Door & Space for Extinguisher (Full Steel).	1050 x 800 x 225 mm	1050 x 800 x 225 mm
FTCE-100A	Automatic Swinging Hose Reel 1" x 30 mtrs Double Door & Space for Extinguisher (Full Steel).	1050 x 800 x 250 mm	1050 x 800 x 250 mm
FTCE-100S	Manual Swinging Hose Reel 1" x 30 mtrs Double Door & Space for Extinguisher (Stainless Steel Door & Frame).	-	1050 x 800 x 225 mm
FTCE-100AS	Automatic Swinging Hose Reel 1" x 30 mtrs Double Door & Space for Extinguisher (Stainless Steel Door & Frame).	-	1050 x 800 x 250 mm
FTCE-100SS	Manual Swinging Hose Reel 1" x 30 mtrs Double Door & Space for Extinguisher (Full Stainless Steel).	1050 x 800 x 250 mm	-
FTCE-100SSA	Automatic Swinging Hose Reel 1" x 30 mtrs Double Door & Space for Extinguisher (Full Stainless Steel).	1050 x 800 x 250 mm	-

Painted Finish: Electrostatic Powder Coated 70Micron Min.

Summary of Hose Reel

The Fire Hose Reel is manufactured as per international standard. Hose Reel Disc & Drum are made from 1.2mm thicker treated Electro Galvanized Steel Sheet hydraulically pressed operation, Electrostatic Powder Coating paint finished by oven baked at 200°C. The outer edges are rolled over to give a safe handling edge and better appearance.

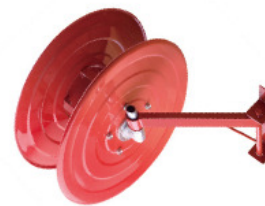
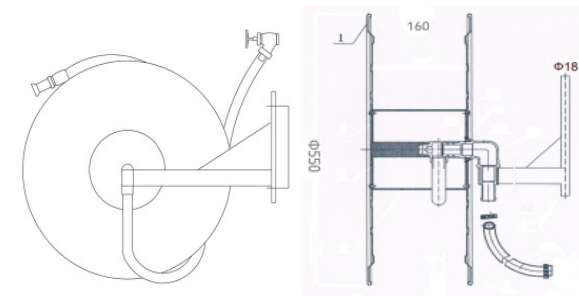
Automatic fire Hose Reel are available with internal swivel joint valve built into the Hose Reel unit open within pulled out 2meter of Hose from Hose Reel (by mean 3 rotate of Hose Reel) and close when the Hose is wound back to the Hose Reel. Hose Reel have been hydrostatically leak tested to 20 bar (300psi) pressure as per NFPA standard (NFPA1962) high level quality control standards are implemented and release better quality products.

Products:-

- Swinging Arm Type Hose Reel.
- Manual & Automatic
- Swinging Arm Manual & Automatic Fire Hose Reels are specially designed for access in cabinet Recessed and Surface type & mounting on flat walls or any fire riser shaft.
- Swinging Angle @180 is wall mounted.



HOSE REEL DRUM WITH BRACKET



Hose Reel Drum



FIRE HOSE RUBBER



Summary of Synthetic Hose Reel Cabinet 1½" & 2½"

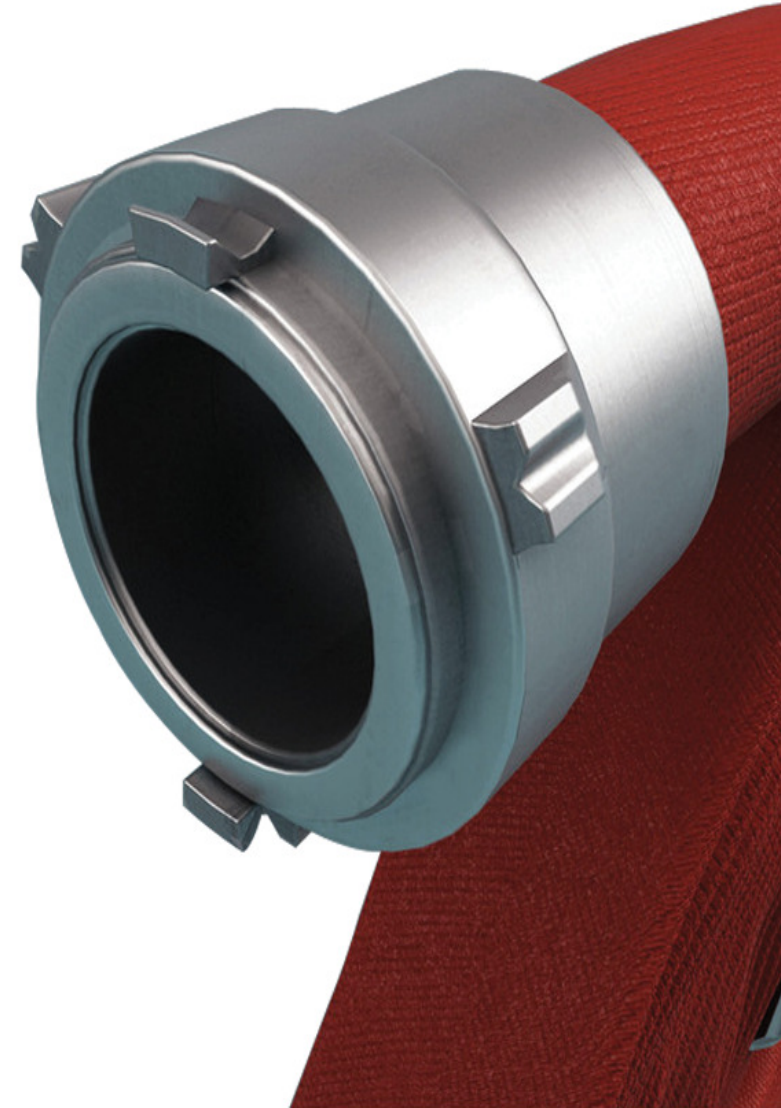
Fire Technology Factory provides high performance Synthetic Hose Reel Cabinets in Recessed, Surface and Semi-Recessed mounted design. All Fire Hose Cabinet as well as sheet made parts are ; constructed from 1mm to 2mm Electro Galvanized Steel Sheets (EG) with all round fold edges are curled to assure the safe handling Fire Technology Factory Fire Hose Cabinets fabricated with Mig welding process , afterwards, electrostatic powder painted & oven baked to 200@c for appearance and protection from rust.

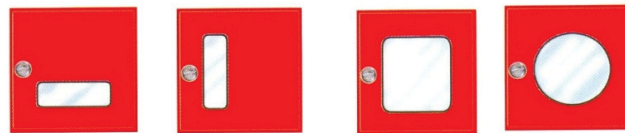
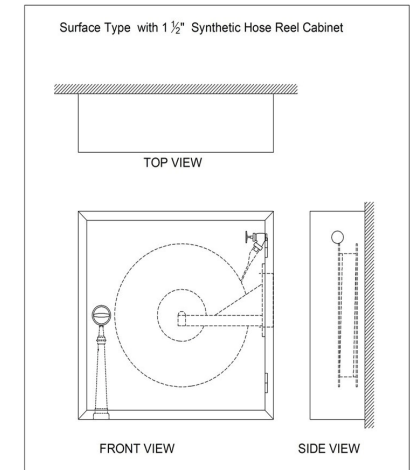
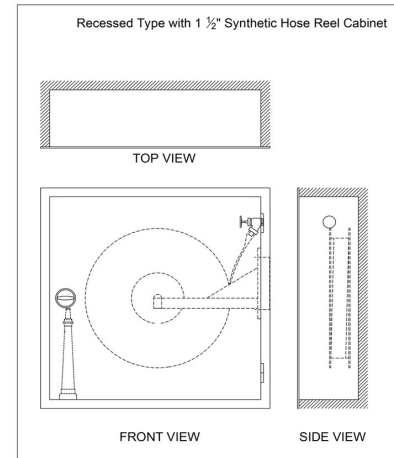
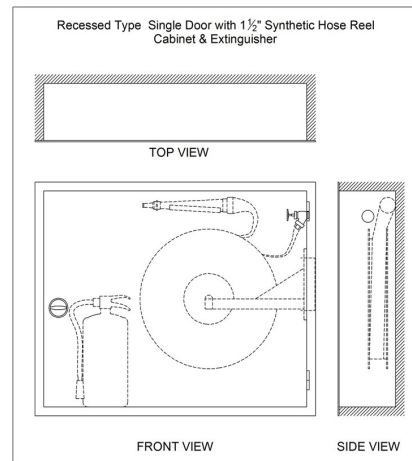
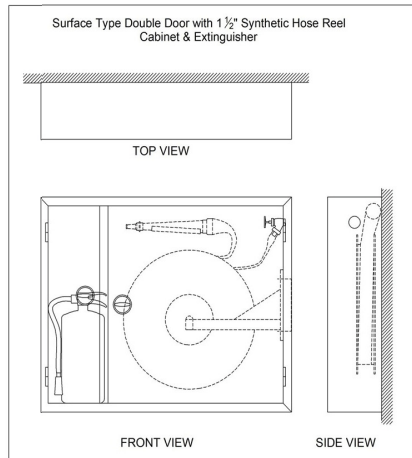
Cabinets Door Handle are made of Stainless Steel and turn handles are chrome plated.

- English and Arabic language silk screen printing with operating instruction.
- Optional; available Nozzle is adjustable brass straight fog –shut off.

Standard Features of Synthetic Hose Reel Cabinet 1½"& 2½"

- Provide with two knock outs, which allows either left or right side water entries.
- Right Handle door leaf hinged flush mounted on door frame, 180° door opening.
- 10 mm holes are provided on the back for fixing at the wall.
- Bright chrome plated Recessed Door lock.
- White Colour Synthetic Fire Hose 1½" x 30 meters long NST Threaded Male& Female Coupling , Service Pressure 150 psi(10 bar),burst pressure 500 psi (35 bar)
- 1½" Straight Nozzle made of brass & copper with NST Threaded female end.
- 1½" Brass Angle valve or landing valve (as per required) with NST Threaded male end.
- English and Arabic language silk screen printing with operating instruction.
- Optional; available Nozzle is adjustable brass straight fog – shut off.





Fire Hose Reel Rubber Cabinet (Single Door) Models

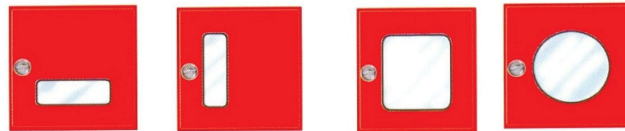
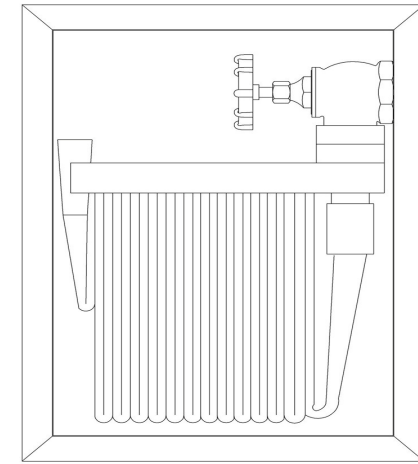
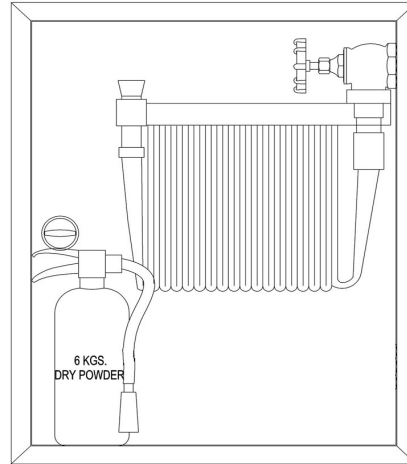
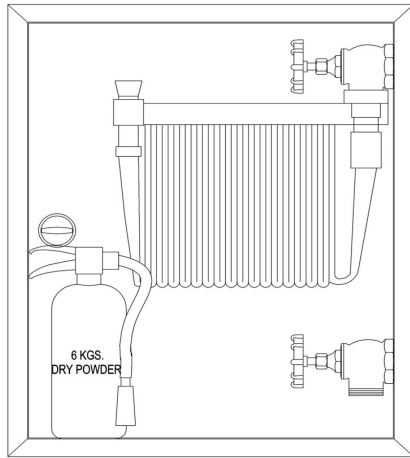
Model	Description	Surface	Recessed / Semi-Recessed
FTC400	Synthetic Hose Reel 1 1/2" x 30 mtrs (full Steel).	650 x 650 x 150 mm	725 x 725 x 150 mm (10 mm).
FTCE400	Synthetic Hose Reel 1 1/2" x 30 mtrs with Space for Extinguisher (full Steel).	850 x 650 x 180 mm	925 x 725 x 180 mm (10 mm).
FTCEC400	Synthetic Hose Reel 1 1/2" x 30 mtrs Double compartment with Space for Extinguisher (full Steel).	900 x 650 x 180 mm	975 x 725 x 180 mm (10 mm).
FTC500	Synthetic Hose Reel 2 1/2" x 30 mtrs (full Steel).	650 x 650 x 190 mm	725 x 725 x 150 mm (10 mm).
FTCE500	Synthetic Hose Reel 2 1/2" x 30 mtrs with Space for Extinguisher (full Steel).	850 x 650 x 190 mm	925 x 725 x 190 mm (10 mm).
FTCEC500	Synthetic Hose Reel 2 1/2" x 30 mtrs Double compartment with Space for Extinguisher (full Steel).	900 x 650 x 190 mm	925 x 725 x 190 mm (10 mm).

* Available Stainless Steel if customer requirements.



Standard Features of Synthetic Hose Rack Cabinet 1½" & 2½"

- Provide with two Knock outs, which allows either Left or Right Side water entries.
- Right Handle door Leaf hinged flush mounted on door frame, 180° door opening.
- 10 mm holes are provided on the back for fixing at the wall.
- Bright chrome plated recessed door lock.
- White colour Synthetic Fire Hose 1½" x 30 meters long NST Threaded Male & Female Coupling Brass, Service test pressure 300 psi (20 bar), Burst Pressure 600psi (40bar)
- 1½" Hose Angle valve with cast Aluminium wheel Handle with test pressure 300psi (20bar)
- 1½" Adjustable fog nozzle with shut-off, straight, stream fog, Brass finish.
- 1½" Rack Nipple made of Cast Brass finish.
- Optional; UL listed Hose Rack, valves, fog Nozzles can be supplied upon request.



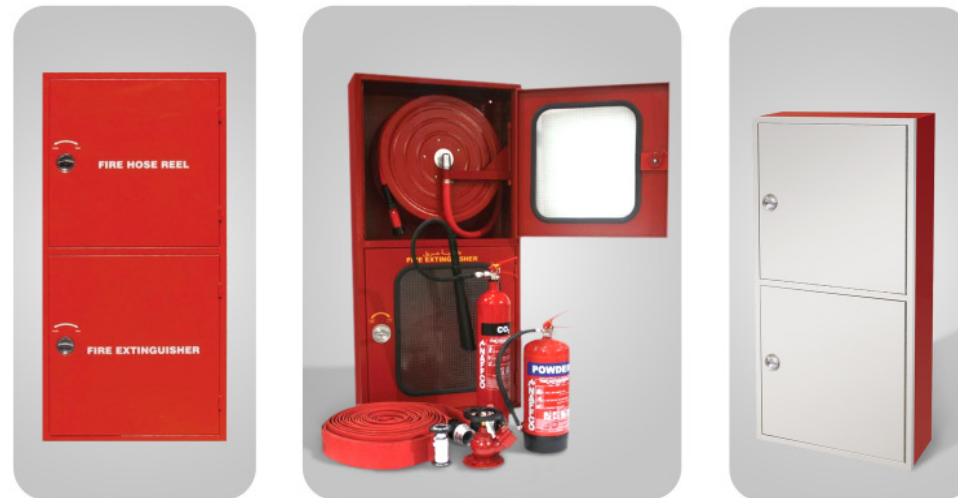
Fire Hose Rack Cabinet (Semi Automatic Hose Rack) Models

Model	Description
FTC-150	Hose Rack Semi Automatic 1.5" with Cabinet (Steel).
FTC-150SS	Hose Rack Semi Automatic 1.5" with Cabinet (Stainless Steel & Doors).
FTCE-150	Hose Rack Semi Automatic 1.5" Cabinet & Space For Extinguisher (Steel)
FTCV-150	Hose Rack Semi Automatic 1.5" Cabinet with 2.5" Valve with Cap & Chain (Steel)
FTCV-150S	Hose Rack Semi Automatic 1.5" Cabinet with 2.5" Valve with Cap & Chain (Door & Frame Stainless Steel)
FTCE-150S	Hose Rack Semi Automatic 1.5" Cabinet & Space For Extinguisher (Door & Frame Stainless Steel)
FTCEV-150	Hose Rack Semi Automatic 1.5" Cabinet Single Door 2.5" Valve With Cap & Chain & Space for Extinguisher (Steel)
FTCEV-150S	Hose Rack Semi Automatic 1.5" Cabinet Single Door 2.5" Valve With Cap & Chain & Space for Extinguisher (Stainless Steel)

Summary of FT 800 & FT 800a Double Compartment Cabinets

Fire Technology Factory specialized in the manufacturing of Hose Reel Cabinets (Manual and Automatic) manufacturing as per international standards such as NFPA (American), DQU UL ISO (9001:2008) & SASO (Saudi standard) with quality control to satisfy customer needs and Requirements. Fire Hose Cabinet model FT 800 & FT 800a,

- We supply Custom Designs Surface, Recessed, Semi-Recessed with special finishing.
- Cabinets manufactured from Steel or Stainless Steel, w /thickness of 1 mm Requirements).
- Hose Reel Hydraulic press with rolled edges for safe handling and Aesthetic appearance.
- Semi Automatic Hose Rack 1.5" one piece construction of 16 gauge Steel Rack with Hose held movable pin in the Rack bar.
- Hose Rack mechanism is Automatic release allows valve to be opened without Release of water until last fold of Hose is removed .
- Cabinets different styles available to meet architectural Requirements.



FT 800 & FT 800a Double Compartment Cabinets

Option #1

1. Rubber Hose Reel 25 mm \varnothing x 30meter
2. Jet & Spray Nozzle 1"
3. Landing Valve or Angle Valve 1/2"
4. Fire Extinguisher 5kg CO₂.
5. Fire Extinguisher 6 kg Dry Powder.

Option #2

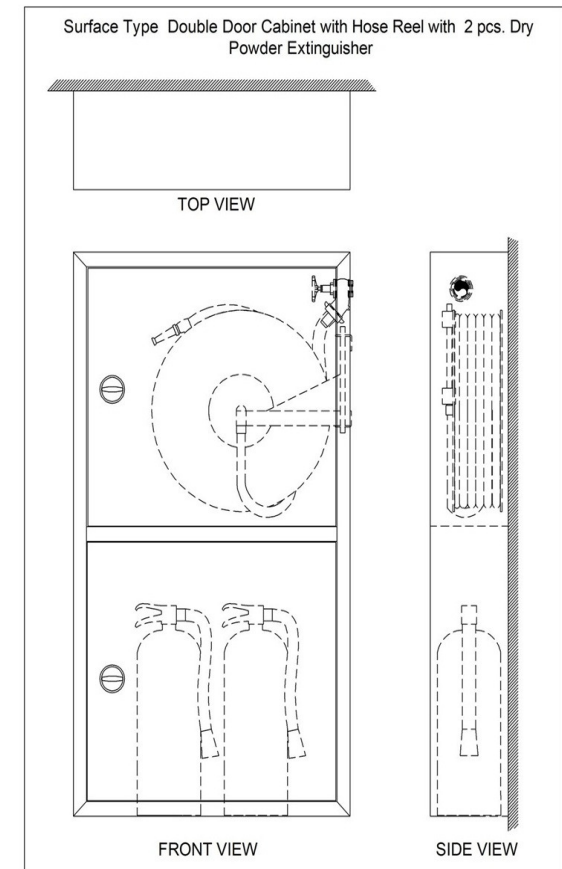
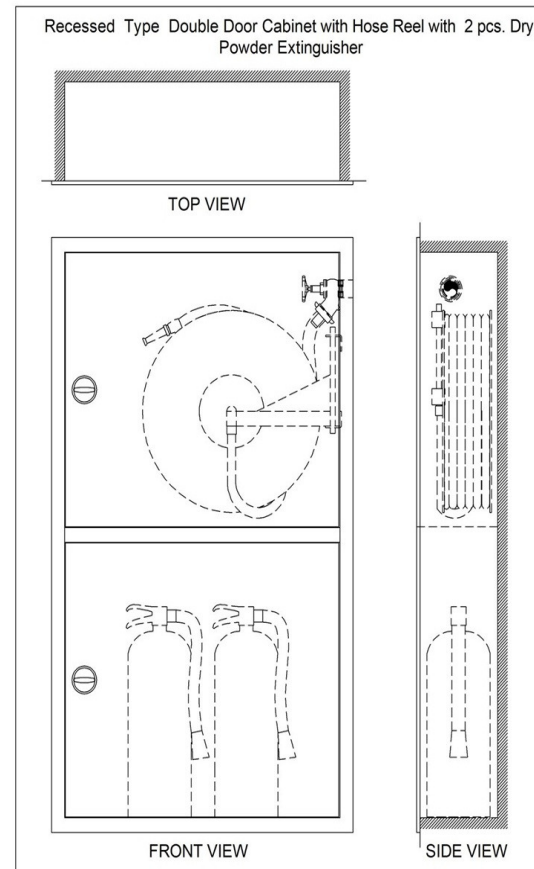
1. Rubber Hose Reel 25mm \varnothing x 30meter
2. Jet & Spray Nozzle 1"
3. Landing Valve or Angle Valve 1/2"
4. Semi Automatic Hose Rack 1/2" x 30 meter
5. Jet & Spray (Fog Stream) Nozzle 1/2"
6. Angle Valve 1/2"

Option #3

1. Rubber Hose Reel 25mm \varnothing x 30meter
2. Jet & Spray Nozzle 1"
3. Landing Valve or Angle Valve 1/2"
4. Landing Valve or Angle Valve 2 1/2" Male/Female
5. Synthetic Hose with Coupling 2 1/2" 30meter
6. Jet Brass Nozzle 2 1/2" & Fog type also available upon a Requirement.
7. Fire Extinguisher 6 kg Dry Powder

Option #4

1. Semi Automatic Hose Rack 1/2" x 30meter
2. Jet & Spray (Fog Stream) Nozzle 1/2"
3. Angle Valve 1/2"
4. Fire Extinguisher 5kg Co₂.
5. Fire Extinguisher 6 Kg Dry Powder.



Slim Line Hose Reel Cabinets

FTCE 100SL

Dimension: 1150 X 800 X 230 Mm.

Material: Mild Steel.

FTCE 100SL S

Dimension: 1150 X 800 X 230 Mm.

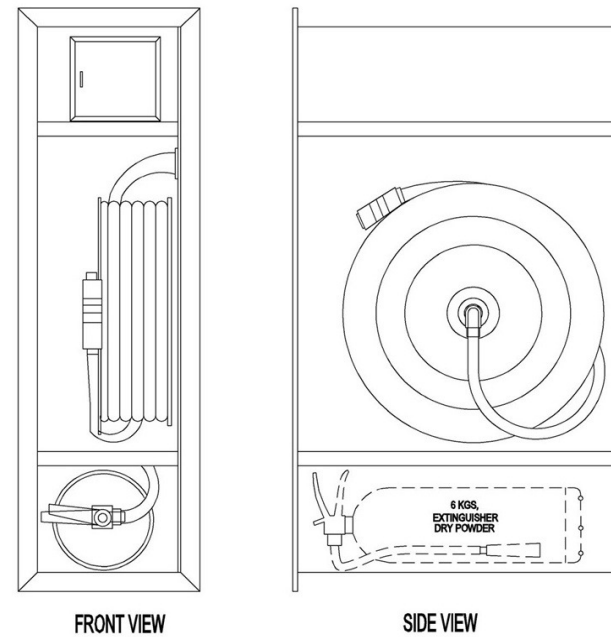
Material: Stainless Steel.

Slim Line Hose Reel

The Slim Line Hose Reel is Designed for Installation in Shopping centers where shop front space is at a premium. It is designed to be fixed in a cavity between the walls of adjacent shops thereby occupying the minimum shop front width.

Operation: Pull hose reel out of cabinet and swing Hose Reel to the desire direction for withdrawal of hose.

Installation : Recessed and wall mounted



Technical Specifications:

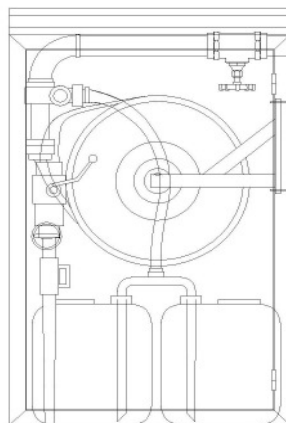
Model	FTF0100
Dimension	1120 x 700 x 300 mm
Materials	Mild Steel / Stainless Steel
Thickness	1.2 mm
Installation	Recessed Mounted
Capacity	Foam 20 Ltrs. Can
Finish	Epoxy Powder Coated Red
Modified	Upon Customer Requirement

Summary of Foam Water Cabinet

Fire Technology Factory provides a wide range of effective foam water cabinets, these cabinets are designed in such a way that one person can operate one unit both safe and effectively . This cabinet model FT500F characterized for its high performance for attacking class A,B Fire within seconds, company designed easy operated any area like Gas Station, Petro Chemical Plants, Industrial Area, Warehouse and any areas requires protection from class A,B Fire.

Cabinet design;

Cabinets and door leaves are made of Electro Galvanized Steel of Thickness 1mm to 2mm which depends upon the use and customer requirement. Cabinets are Surface mounted and slop roof finish with all around safe handling folded edges without any sharp edges and burrs. Cabinet painting is done by oven baked electrostatic powder coating finish. Baked temperature between 160@c- 200@c. Afforded with right hand door leaf hinged flush mounted frame 180@ door opening. Silk screen printed in operating instruction English and Arabic language inside the cabinet door.



FRONT VIEW



Gate Valve



Synthetic Hose



Foam Branch

Fire Extinguisher Cabinet

Cabinets and door leaves are made of Electro Galvanized Steel with all around safe handling folded edges without any sharp edges and burrs.

Cabinet painting is done by oven baked electrostatic powder coating finish.

Baked temperature between 160@ c- 200@ for corrosion protection against rust and give smooth finish. Silk screen printed in instruction English and Arabic language on the cabinet door. Cabinet colour finishing is red, white, off white, beige and other colours are available upon request. Frame and door leaves are available steel, stainless steel or mirror finish



Technical Specifications:

Dry Powder Extinguisher Cabinet

Dimension	700 x 320 x 250 mm.
Materials	Mild Steel / Stainless Steel.
Installation	Surface, Recessed & Semi Recessed Mounted.
Capacity	1 No. Dry Powder 6Kg.
Finish	Epoxy Red Powder Coated Red / Mirror or Brush Finish.
Modified	Upon Customer Requirement.

Carbon Dioxide Extinguisher Cabinet

Dimension	700 x 320 x 250 mm.
Materials	Mild Steel / Stainless Steel .
Installation	Surface, Recessed & Semi Recessed Mounted.
Capacity	1 No. CO2 4.5Kg.
Finish	Epoxy Red Powder Coated Red / Mirror or Brush Finish.
Modified	Upon Customer Requirement.

Dry Riser Cabinet

Dry Riser Fire Hose Cabinet characterized its High Quality & Performance in Fighting Fire can be used effectively in factories, go down, commercial building, etc.

Provide with two knock outs, which allows either left or right side water entries.

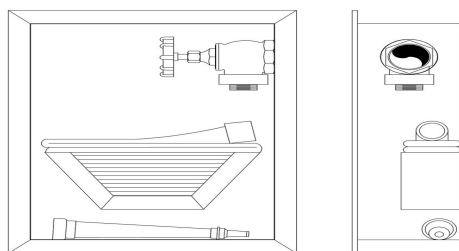
Right handed door leaf hinged flush mounted on door frame, 180@ door opening.

10mm Dia holes are provided on the back for fixing at the wall bright chrome plated recessed door lock white Colour Synthetic Fire Hose 1½" x 30meters long NST threaded male& female coupling , service pressure 150 psi(10bar), burst pressure 500psi (35bar) 1½" Straight Nozzle made of brass & copper with NST threaded female end.

1½" brass angle valve or landing valve (as per required) with NST threaded male end. English and Arabic language silk screen printing with operating instruction.

Optional available nozzle is adjustable brass straight fog –shut off.

Synthetic Hose, valve, nozzle, 2½" also available depend upon request.



Technical Specifications:

Dimension	650 x 450 x 200 mm For 4 way BI 650 x 450 x 200 mm for 2 ways BI
Materials	Mild Steel / Stainless Steel
Thickness	1.2 mm
Installation	Surface, Recessed & Semi Recessed Mounted
Capacity	2 or 4 way breaching inlet
Finish	Epoxy Red Powder Coated Red / Mirror or Brush Finish
Modified	Upon Customer Requirement

Hydrant Hose Cabinet

Fire Technology Factory provides a wide range of effective Hydrant Hose Cabinets, these cabinets are designed in such a way that one person can operate one unit both safe and effectively fighting fire.

Cabinet Design;

Cabinets and door leaves are made of electro galvanized steel of Thickness 1mm to 2.mm which depends upon the use and customer requirement.

Cabinets are surface mounted and self stand finish with all around safe handling folded edges without any sharp edges and burrs.

Cabinet painting is done by oven baked electrostatic powder coating finish.

Baked temperature between 160@ c- 200@ c .afforded with right hand door leaf hinged flush mounted frame 180@ door opening.

Silk screen printed in operating instruction English and Arabic language inside the cabinet door.



Landing Valve Cabinet

Model	FTLVD100	FTLVD100S
Dimension	395 x 595 x 295 mm	395 x 595 x 295 mm
Materials	Mild Steel	Stainless Steel
Thickness	1.2 mm	1.2 mm
Installation	Recessed Mounted	Recessed Mounted
Glass	Wire Mesh Reinforcement	Wire Mesh Reinforcement
Finish	Epoxy Powder Coated Red	-
Modified	Upon Customer Requirements	Upon Customer Requirements



Fire Hose Reel Cabinet Accessories

Fire Hose Reel Cabinet Accessories

Landing Valve



Chrome Nozzle Jet Spray with Handle



Rubber Hose



Plastic Nozzle Jet Spray



Chrome Nozzle Jet Spray



Reducer Coupling



Synthetic Hose Cabinets Accessories

Angle Valve



Fog Nozzle



Synthetic Hose Rack



Nipple for Hose Rack



Jet Nozzle



Reducer Coupling



Lined area for notes.



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