



GENTEC

Fire Hose Reel & Cabinet

Various Type Of
Cabinets
To Different Application



GENTEC leader in the developing of Fire hose cabinet and safety cabinets ,Manufacturing has set the industry standard for high quality fire Hose cabinets for fire Protection. The created cabinet design incorporating improved convenience and safety features. Our cabinet product line is designed and manufactured to best meet the ever-changing needs of today's business, industrial and laboratory environments. All of our Hose cabinets available in different sizes.

Safety Cabinet features include:

Reinforced wall construction on sides, top, bottom, back and doors, Lead-free, high-gloss, Continuous piano hinges or others , warning labels, Flush mounted door handle with key lock.

It has different styles of doors and different types of cabinets such as wall mounted (Surface , Recessed, Semi -Recessed) type beside that we developing 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.

EN671 APPROVED

FIRE HOSE REELS & FIRE CABINET SERIES

GENTEC



- **GEN-MSP-G SERIES** manual swinging hose reels are designed for fire fighting purposes only and According to EN671 and EN694 Standard.
- **G E N T E C** Fire hose is 30m Length and 25mm Diameter . Fire Hose is according to **EN 671-1:2012 Standard**.
- **Rigid Swing Arm** water way.
- **Built in Pressure Gauge** :to confirm Water Existing in Fire Hose as visual test.
- **Bronze Nozzle**-rotary operated jet/spray EN 671-1. Fire Hose WP 100 PSI , BP 300 PSI .
- **G E N T E C** Fire Hose Reel is **LPCB Approved** , Certificate Number: 1038ARA
- Hose reel Supply with angel hose valve 25mm LPCB certified Or UL/FM if required.



LPCB® www.redbooklive.com

Certificate of Product Approval
Certificate Number: 1038ARA Issue: 01

GENCO for Electro-Mechanical Systems L.L.C
76 Makram Ebadt St
Nasr City
Cairo
Egypt

is certified by BRE Global Ltd. and is authorised to use the LPCB mark in association with the product(s) listed in this certificate and appendix having complied with the requirement(s) of the standard(s) as detailed below.

Products 'GENTEC' Fire Hose Reels (Refer to attached appendix for details)	Standards EN 671-1:2012 Fixed firefighting systems. Hose systems. Hose reels with semi-rigid hose
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This certificate and appendix is maintained and held in force through regular surveillance activities

J. Mit Joe Milton 30 October 2018 30 October 2018
Signed for BRE Global Ltd. Verifier Date of Issue Date of First Issue

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LPCB®

Appendix to Certificate No: 1038ARA Issue: 01
GENCO for Electro-Mechanical Systems L.L.C

'GENTEC' Fire Hose Reels to EN 671-1:2012

Product Name	Description	Hose Nominal (Bore) (mm)	Hose Maximum Length (m)	Nozzle type	LPCB Ref. No.
GEN-MSP-G	Manual, swinging pipe, cabinet, or wall mounted	25	30	Lever operated jet only or rotary operated jet/spray	1038ARA/14

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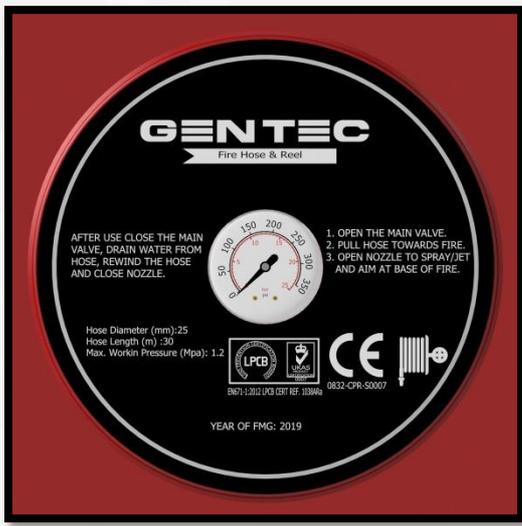
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GENTEC heavy-duty fire hoses have passed the required EN694 industry certification, to ensure safe application and use. Our EN 694 Fire hose is made of specially formulated PVC/NBR compound ensuring:

- Unmatched resilience & long life span.
- Maximum kink resistance & long lasting flexibility.
- Easy to handle and reel smooth outer layer
- Superb abrasion resistance
- REACH approved materials
- Wide operating temperature: -20 to 65 degrees Celsius
- High Burst Pressure
- The Hose normally supply With Brass Nozzle LPCB certified





GEN-800 Fire cabinet, Surface and flush-mounted 800mm W X 800 mm H x 300mm D

- Suitable for Fire hose reel 25mmx 30 MT .
- Suitable for Fire hose rack 65mmx 30 MT .
- Suitable for Fire hose reel 65 mm x 30 MT.
- Suitable for Portable Fire Extinguishers

A surface-mounted cabinet can be partially sunk into the wall to the desired depth by using a separate flush-mounting frame.

MODEL	DIMENTION	TYPE	Mounted TYPE
GEN-800-MS	800X 800 X 300 mm	FULL MILD STEEL RED	Surface OR Flush
GEN-800-SS	800 X 800 X 300mm	FULL 304 stainless steel	Surface OR Flush
GEN-800-MS-SS	800 X 800 X 300mm	Stainless Steel MILD STEEL / 304 Door	Surface OR Flush
GEN-800-MSG	800X 800 X 300 mm	MILD STEEL RED/Glass Door	Surface OR Flush
GEN-compact	750X 750 X 300 mm	Full MILD STEEL RED Full 304 stainless steel	Surface OR Flush

Manufacturing cabinets according to the EN 671- 1 standard. Basic model fire hydrant cabinets are made from 1.25 mm epoxy powder-coated steel . The cabinets are available in four standard , Other colours are available by special order.

The cabinets have a welded back wall that stiffens the structure and a reinforced door. The door is equipped with a special lock behind a breakable protective cover. The door opens 180 degrees, so it doesn't hinder the use of the door-mounted hose reel..

Flush-mounted cabinets are equipped with a flush-mounting frame. The flush-mounting frame can also be ordered separately, so the cabinet can be partially sunk into the wall to the desired depth.

The cabinets are normally delivered with a right-hand door. A left-hand door is available by special order. It is also possible to convert the cabinet to a left- hand door at a later stage.



GEN-1000 Fire cabinet, Surface and flush-mounted 1000mm W X 800 mm H x 300mm D

- Suitable for Fire hose reel 25mmx 30 MT. & Portable Fire Extinguishers .
- Suitable for Fire hose rack 65mmx 30 MT. & Portable Fire Extinguishers.
- Suitable for Fire hose reel 65 mm x 30 MT. & Portable Fire Extinguishers

A surface-mounted cabinet can be partially sunk into the wall to the desired depth by using a separate flush-mounting frame.

MODEL	DIMENTION	TYPE	Mounted TYPE
GEN-1000-MS	1000X 800 X 300 mm	FULL MILD STEEL RED	Surface OR Flush
GEN-1000-SS	1000 X 800 X 300mm	FULL 304 stainless steel	Surface OR Flush
GEN-1000-MS-SS	1000 X 800 X 300mm	MILD STEEL / 304 Stainless Steel Door	Surface OR Flush

Manufacturing cabinets according to the EN 671- 1 standard. Basic model fire hydrant cabinets are made from 1.25 mm epoxy powder-coated steel . The cabinets are available in four standard , Other colours are available by special order.

The cabinets have a welded back wall that stiffens the structure and a reinforced door. The door is equipped with a special lock behind a breakable protective cover. The door opens 180 degrees, so it doesn't hinder the use of the door-mounted hose reel..

Flush-mounted cabinets are equipped with a flush-mounting frame. The flush-mounting frame can also be ordered separately, so the cabinet can be partially sunk into the wall to the desired depth.

The cabinets are normally delivered with a right-hand door. A left-hand door is available by special order. It is also possible to convert the cabinet to a left- hand door at a later stage.



GEN-1600 Fire cabinet, Surface and flush-mounted 800mm W X 1600 mm H x 300mm D

- ☒ Suitable for Fire hose reel 25mmx 30 MT & Fire hose 65 mm x 30 MT.
- ☒ Suitable for Fire hose reel 25mmx 30 MT & and Portable Fire Extinguishers .
- ☒ Suitable for Fire hose rack 65mmx 30 MT. & and Portable Fire Extinguishers.

MODEL	DIMENTION	TYPE	Mounted TYPE
GEN-1600-MS	1600X 800 X 300 mm	FULL MILD STEEL RED	Surface OR Flush
GEN-1600-SS	1600 X 800 X 300mm	FULL 304 stainless steel	Surface OR Flush
GEN-1600-MS-SS	1600 X 800 X 300mm	Stainless MILD STEEL / 304 Steel Door	Surface OR Flush
GEN-1600-MSG	1600X 800 X 300 mm	MILD STEEL /Glass Door RED	Surface OR Flush

A surface-mounted cabinet can be partially sunk into the wall to the desired depth by using a separate flush-mounting frame.

Manufacturing cabinets according to the EN 671- 1 standard. Basic model fire hydrant cabinets are made from 1.25 mm epoxy powder-coated steel . The cabinets are available in four standard , Other colours are available by special order.

The cabinets have a welded back wall that stiffens the structure and a reinforced door. The door is equipped with a special lock behind a breakable protective cover. The door opens 180 degrees, so it doesn't hinder the use of the door-mounted hose reel..

Flush-mounted cabinets are equipped with a flush-mounting frame. The flush-mounting frame can also be ordered separately, so the cabinet can be partially sunk into the wall to the desired depth.

The cabinets are normally delivered with a right-hand door. A left-hand door is available by special order. It is also possible to convert the cabinet to a left- hand door at a later stage.

GEN-OUT Fire cabinet, 800 mm Width X 800 mm Height x 300mm Depth.

Seutabil for Fire hose 65 mmx 30 MT . Out Doors

Manufacturing cabinets according to the EN 671- 1 standard. Basic model fire hydrant cabinets are made from 1.25 mm epoxy powder-coated steel . The cabinets are available in many standard , Other colours are available by special order.

The cabinets have a welded back wall that stiffens the structure and a reinforced door. The door is equipped with a special lock behind a breakable protective cover. The door opens 180 degrees, so it doesn't hinder the use of the door-mounted hose reel..

The cabinets are normally delivered with a right-hand door. A left-hand door is available by special order. It is also possible to convert the cabinet to a left- hand door at a later stage.

Cabinet have support leg with H:700 MM



GEN-EXT Fire cabinet, 300 mm Width X 500 mm Height x 300mm Depth.

Seutabil for Portable Fire Extinguishers





GEN-MSP-G series manual swinging hose reels are designed for fire fight purposes only and up to EN671 and EN694 Standard.

In accordance with EN 671, hose for firefighting must be limited to 30m and 25mm (1") hose

Installation

- A suitable and accessible location should be selected. The surface must be suitable to withstand a horizontal pull on the reel
- Mark out four mounting holes as per dimension and position of the bracket in the drawing.
- Drill the holes as marked to suit the prepared fasteners. Make sure that the point at which the Hose Reel is to be mounted is the horizontal centre-line on which the reel rotates.
- Tighten the bracket onto the wall according to the holes, with prepared four fasteners, securely ensuring the hinge assembly is level.
- Connect outlet end of the landing valve onto the fire reel winging pipe inlet.
- Connect the water supply pipe onto inlet end of the valve.
- Carry out the fire reel commissioning as maintenance laid down in EN 671-3
- Check ease of hose withdrawal in any direction and check for leaks and rewind hose in accordance with Name Plate instructions.
- If being installed in a cabinet, the pipe arm is placed into the hole of bracket firmly to ensure the hose reel can move freely.

Operating

- 1 -Open the valve , pull hose towards fire, open nozzle to spray/jet and aim at base of fire.
- 2 -After use, close the valve, drain water from hose, rewind the hose and close nozzle.

Operating Parameters

Water supply of 2 BAR g to 12 BAR g pressure, it's recommended that the supply be regulated to 4 BAR

Maintenance

6 monthly and yearly inspection check for leaks as table:

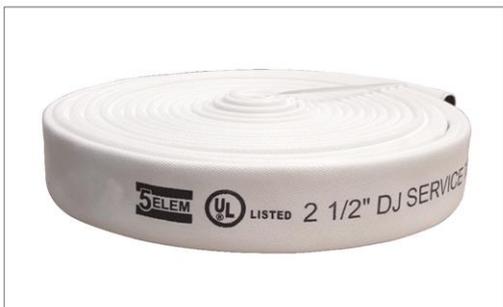
All 6 monthly and annual inspections and service should be carried out by qualified personnel who are familiar with EN671-3 requirements for maintenance records and tagging.

Annual Inspection Procedure

- The hose should be fully run out, put under pressure and the following points checked.
- Hose reel is unobstructed and free from damage and components not corroded or leaking operating instructions are clear and legible.
- The location is clearly marked.
- Brackets for wall mounting are suitable for their purpose and fixed and firm
- The flow of water is steady and sufficient
- Pressure gauge is working satisfactorily and within its operating range
- The entire length of hose should be inspected for signs of cracking, distortion, wear or damage. If the hose shows any signs of defect, it shall be replaced or proof tested to maximum permissible working pressure.
- Hose clips or bindings are of the correct type and are securely fastened.
- Hose drum rotates freely in both directions
- For swinging reels, check that pivot rotates easily and that the reel swings through 180°
- On manual reels, check the valve is of correct type and that it operates easily and correctly.
- On automatic reels, check the correct operation of the automatic valve and check for the correct operation of the isolating service valve
- Check the condition of the water supply pipe work; particular attention should be paid to any flexible pipe work for signs of damage or wear.
- If fitted with a cabinet, check for signs of damage and check that the cabinet doors open freely
- Check that the nozzle is of the correct type and easy to operate
- Check the operation of any hose guide and ensure they are correctly and firmly fixed
- Leave the hose reel and hose system ready for immediate use. If any extensive maintenance is necessary the hose reel or hose system should be labeled OUT OF ORDER and the competent Person should inform the user/owner.

Fire Hose

Attack Hose - FAD Series



Features:

This double jacket hose is constructed of high tensile strength polyester yarns, lined with a high-tech EPDM tube. Its engineered design guarantees minimum weight with maximum durability and flexibility.

- The jacket shall be evenly and firmly woven and free from visible defects, thread knots, lumps and irregularities of twist.
- Manufactured in accordance with National Fire Protection Association (NFPA) 1961 standard, latest edition, within our ISO-9001:2008 certified quality assurance system.
- The polyester construction is mildew & rot-proof, outstanding abrasion resistance with our innovative wisentec™ coating, tough, dependable and light weight.

Technical Data:

I.D. (Inch)	Service Test Pressure(Psi)	Burst Pressure (Psi)	Certification
1-1/2"	400	1200	
1-3/4"	400	1200	
2"	400	1200	
2-1/2"	400	1200	
3"	400	1200	
I.D. (Inch)	Service Test Pressure(Psi)	Burst Pressure (Psi)	Certification
1-1/2"	300	900	
2-1/2"	300	900	
3"	300	900	

Construction:

Double jacket, polyester spun as warp and filament polyester as weft/-filler, EPDM liner.

Application:

Municipal fire brigades, industrial fire brigades.

Color:

White, red, yellow, green, blue, other colors on request.

Couplings:

Brass/Aluminum NST/NPSH expansion ring threaded coupling, other type on request.

Standard Length:

50'(15m), 100'(30m), other length on your request.

Temperature Range:

-40°F to 158°F(-40°C to 70°C), other temperature on request.

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Fire Hose

Attack Hose - DUZ Series



Features:

This type of durable hose is Nitrite rubber covered hose, and along with high tensile strength polyester reinforcement for maximum durability and flexibility.

- Ribbed Nitrite rubber cover greatly increases abrasion resistance and provides long service life.
- Smooth Nitrite rubber liner minimum pressure drop.
- Hose remains flexible to temperatures as low as -4°F (-20°C) and is resistant to ozone, oxidation, and most chemicals or petroleum products.
- Polyester and/or Nylon reinforcement, tightly woven, twill weave resists puncture.

Technical Data:

(Inch)	I.D. (mm)	Service Test Pressure(Psi)	Burst Pressure (Psi)
1-1/2"	38	17/250,21/300	51/750,63/900
1-3/4"	45	17/250,21/300	51/750,63/900
2"	50	17/250,21/300	51/750,63/900
2-1/2"	65	17/250,21/300	51/750,63/900
3"	75	17/250,21/300	51/750,63/900

Construction:

Nitrite rubber cover and liner. Polyester and/or Nylon reinforcement.

Application:

Municipal fire fighting, industrial fire fighting, In-Plant fire protection. Meet and exceed UL 19 standard and BS6391 standard.

Color:

Yellow, red, other colors on request.

Couplings:

on request.

Standard Length:

50'(15m), 100'(30m), other length on your request.

Temperature Range:

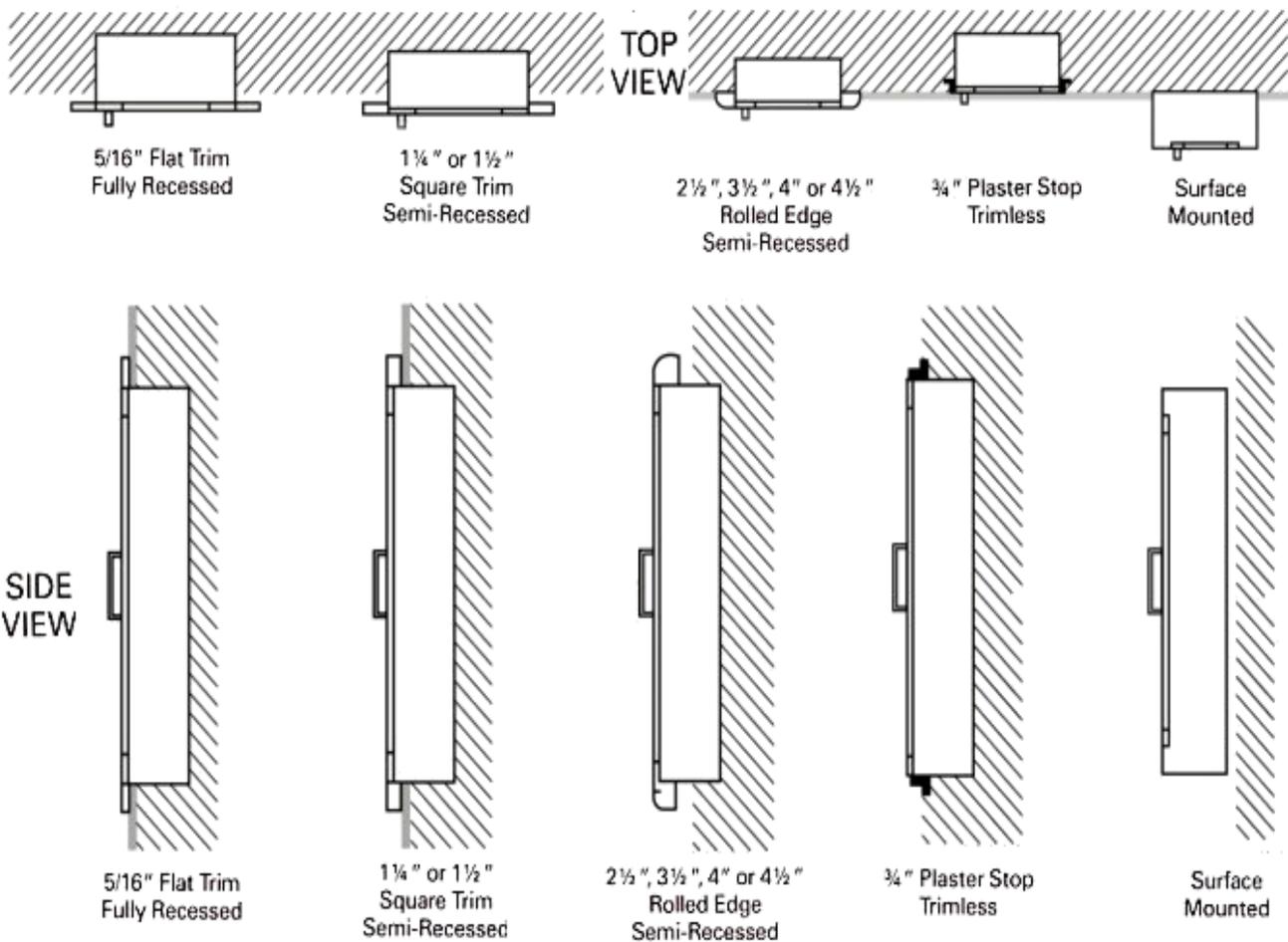
-4°F to 175°F(-20°C to 80°C), other temperature on request.

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Approval	UL listed	FM approved	LPCB CER#
Hose 65 mm			
Valve 65 mm			

Various Type Of **TRIM** to different application

WALL INSTALLATIONS AND TRIM PROJECTIONS



GENTE

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.

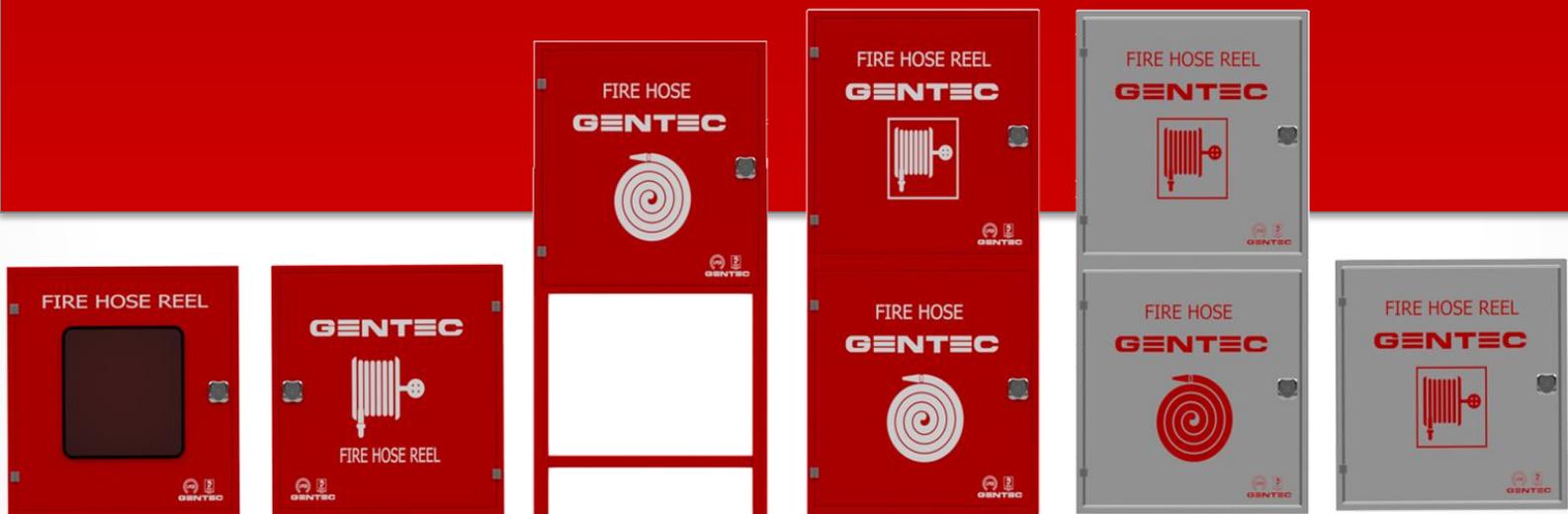


Stander supply



Stander supply

Various Type Of
Doors Hinges and Locks
Decorative



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