



Falcon Gold
YOU ARE SAFE WITH US

FOAM CABINET

A P R O D U C T O F F a l c o n G o l d 2 0 2 4

- MATERIAL SUBMITTAL FOR FOAM FIRE HOSE CABINET

- PRODUCT (FG4001RF)
- TECHNICAL DATA SHEETS.
- APPROVALS.
- PREVIOUS APPROVALS.



Falcon Gold



- FG4001RF

- FOAM FIRE CABINE
- FIRE FOAM CABINET COMPONENTS
- FIRE HOSE REEL
- RACK AND REEL FIRE HOSE

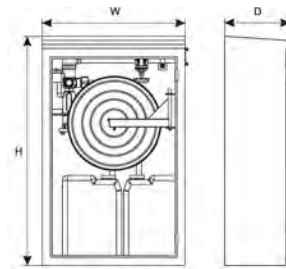


Foam fire cabinet (Foam system + fire hose reel)

Foam fire cabinet incorporates both foam extinguishing system and water extinguishing system. It is an efficient firefighting equipment for single man operation to attack class A and B fire.



- Capacity: Low expansion foam system + fire hose reel
- Mounting: Wall surface
- Surface: Red powder coating / SS



Main parts and material

Box / door	Cold rolled steel or SS, mm thickness	Door type	Single door, from left to right open 180°, bullet hinge or continuous piano hinge
Door glazing	Non (full solid), or acrylic viewing panel (Inside slotted or embedded into the door)	Lock	Rotary pull lock, or keyed cylinder lock, or keyed lock pull handle

Available size

Cabinet content	Type	Mounting	Dimension W x H x D (mm)
Inline inductor with pick up tube, 1-1/2"	1-1/2" foam system + 1-1/2" fire hose reel	Surface	700 x 1120 x 300
Foam branchpipe with control valve, 1-1/2"			
Foam concentrate container 2 x 20L			
fire hose reel, 1-1/2" x 30m, BS336 / Storz / NH			
Water inlet pipeline and brass valve, size 2"			

Note:

1. For foam system, it is available with foam concentrate AFFF 3%.
2. Different types of foam concentrates are available on request.

- FALCON GOLD FOAM CABINET

Falcon Gold 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 safely and effectively. These cabinets have high performance for extinguishing class A and B fire classes. Gas stations, petrochemical plants, industrial premises, and warehouses are just a few places where these cabinets can be installed.

- ALL FIRE HOSE CABINETS AS WELL AS SHEET-MADE PARTS ARE:

Constructed from 1.2 mm Cold Rolled Steel (CRS), with all round folded edges. Even Hose Reel edges are curled to assure safe handling.

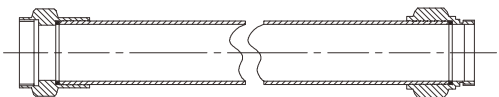
Falcon Gold Fire Hose Cabinets are fabricated with Metal Inert Gas Welding Process, then pretreated with zinc phosphate to improve rust resistance. Afterwards, they are electrostatically painted with red polyester resin paint before being baked in the oven to give a hard-wearing resistance and gloss finish. Fire Hose cabinets are painted red with a polyester resin-texture finish. Hose reels have been hydrostatically tested to 20 bar pressure for leaks. High-level quality control standards are implemented to get quality products. Falcon Gold is not only manufacturing your designs but also makes your dreams come true.

Rack and reel fire hose

Rack and reel fire hose is intended for interior fire protection purpose of occupant use, lightweight and compact. It is a part of fire hose rack assembly for hose station, folded on a pin rack or coiled on a reel, ready for use.



- Certificate: UL Listed / FM Approved
- Standard: UL 219, NFPA 1961 / 1962
- Feature: Occupant use, lightweight
- Color: White, standard
- Avail. coating: Impregnated yellow, red, etc.
- Temperature: -40°C to 70°C



Main parts and material

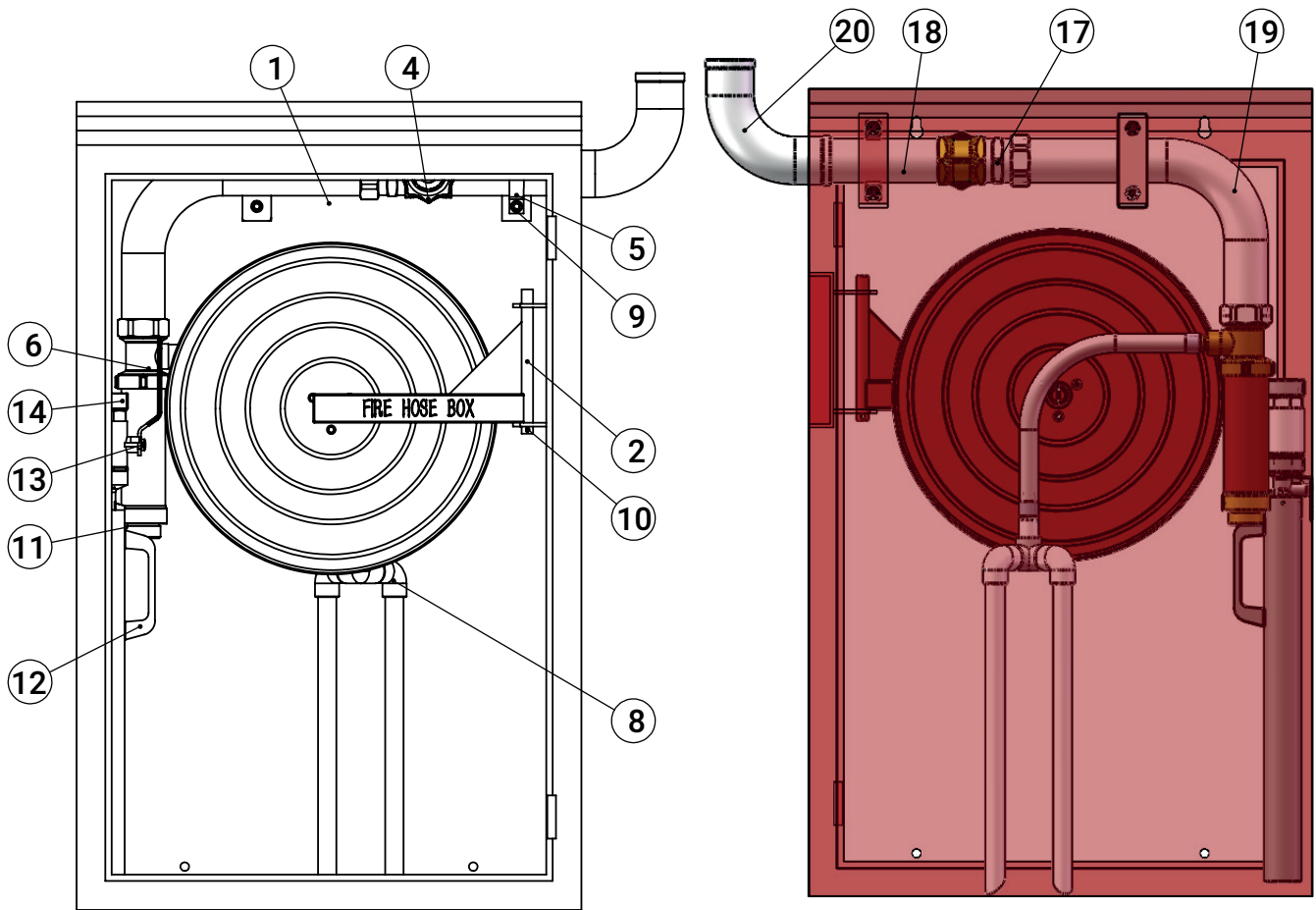
Lining	TPU (Thermoplastic polyurethane)	Single jacket	100% virgin filament polyester for warp and filler threads
Coupling	Brass / aluminum, rocker lug swivel, NH	Packing	Folded, or rolled

Available size

Size	Type	Lining	Length (feet)	Service pressure (psi)	Proof pressure (psi)	Burst pressure (psi)	Remarks
1-1/2"	Single jacket	TPU	50 / 75 / 100	250	500	750	UL

Note: The couplings are pre-assembled on both ends of fire hose through expansion rings.

- Fire Foam Cabinet Components



No.	Name
1	Fire Cabinet,700x1120x300
2	Fire Hose Reel 1.5 in,UL
3	Gasket,60x45x3
4	Gate Valve,G2xG2x64.5
5	Clamp,60x35x20
6	Foam Inductor
7	Flexible Suction Hose Subassembly,G1-1/2"xPF3/4x300
8	Foam Suction Tube Subassembly,G3/4"xDN25x500
9	Hex Bolt,M10x20
10	Split Pin,41x4
11	Connector,NH1.5xG2x42

No.	Name
12	Foam Nozzle
13	Ball Valve, G1.5"
14	Connector,NH1.5xG1.5x42
15	Washer,52x43x2
16	External thread street
17	Male Tube,G2"xG2"x175
18	Elbow pipe, G2
19	Washer, 55x45x3
20	90°Elbow pipe,G2"x2"BSP

CERTIFICATE OF COMPLIANCE

Certificate Number EX26577
Report Reference EX26577-2015-08-28
Date 2021-November-02

Issued to: Safeguard Fire Protections Private Limited
B-3
Mangolpuri Industrial Area
Phase 2 Delhi, 110034 IN

This is to certify that FOAM LIQUID CONCENTRATES
representative samples of See Addendum Page for Product Designation(s).

Have been investigated by UL in accordance with the
Standard(s) indicated on this Certificate.

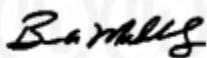
Standard(s) for Safety: UL 162 - Standard for Safety for Foam Equipment and
Liquid Concentrates

Additional Information: See the UL Online Certifications Directory at
<https://iq.ulprospector.com> for additional information

This Certificate of Compliance does not provide authorization to apply the UL Mark. Only the UL Follow-Up Services Procedure provides authorization to apply the UL Mark.

Only those products bearing the UL Mark should be considered as being UL Certified and covered under UL's Follow-Up Services.

Look for the UL Certification Mark on the product.



Bruce Mahrenholz, Director North American Certification Program

UL LLC



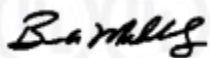
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CERTIFICATE OF COMPLIANCE

Certificate Number EX26577
Report Reference EX26577-2015-08-28
Date 2021-November-02

This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements

Foam liquid concentrates - SAFEGUARD AR-AFFF 3%/3% , SAFEGUARD AFFF 1%, SAFEGUARD AFFF 3%, SAFEGUARD AFFF 6%, SAFEGUARD BIOSOLVC6 AFFF 3%, SAFEGUARD BIOSOLVC6 AFFF 6%, SAFEGUARD BIOSOLVC6 AR-AFFF 3%/3%, SAFEGUARD BIOSOLVC6 AR-AFFF 3%/6%, SAFEGUARD BIOSOLVC6 FP 3%, SAFEGUARD BIOSOLVC6 FFFP 3%



Bruce Mahrenholz, Director North American Certification Program

UL LLC

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CERTIFICATE OF COMPLIANCE

Certificate Number 20120723-EX15900
Report Reference EX15900-20120525
Issue Date 2012-JULY-23

Issued to:

[Redacted text]

**This is to certify that
representative samples of**

**FIRE HOSE FOR INTERIOR STANDPIPE, LINED,
UNCOUPLED**

Model 17-40, 1-1/2" Single jacketed fire hose for interior standpipes with TPU lining, hot melting adhesive and polyester jackets.

Have been investigated by UL in accordance with the Standard(s) indicated on this Certificate.

Standard(s) for Safety:

U.S. Standard for Safety for Lined Fire Hose for Interior Standpipes, UL 219

Additional Information:

See the UL Online Certifications Directory at www.ul.com/database for additional information

Only those products bearing the UL Listing Mark should be considered as being covered by UL's Listing and Follow-Up Service.

The UL Listing Mark generally includes the following elements: the symbol UL in a circle:  with the word "LISTED"; a control number (may be alphanumeric) assigned by UL; and the product category name (product identifier) as indicated in the appropriate UL Directory.

Look for the UL Listing Mark on the product.

William R. Carney

William R. Carney, Director, North American Certification Programs
UL LLC

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CERTIFICATE OF COMPLIANCE

Certificate Number 20120723-EX15900
Report Reference EX15900-20120525
Issue Date 2012-JULY-23

Issued to:

[Redacted text]
[Redacted text]
[Redacted text]

**This is to certify that
representative samples of**

FIRE HOSE FOR INTERIOR STANDPIPES, LINED
Model 17-40, 1-1/2" Single jacketed fire hose for interior
standpipes with TPU lining, hot melting adhesive and
polyester jackets.

Have been investigated by UL in accordance with the
Standard(s) indicated on this Certificate.

Standard(s) for Safety:

Canadian Standard for Lined Fire Hose for Interior
Standpipes and Municipal and Industrial Fire Protection
Services, CAN/ULC-S511-07

Additional Information:

See the ULC Online Certification Directory at www.ulc.ca
for additional information

Only those products bearing the ULC Listing Mark should be considered as being covered by ULC's
Listing and Follow-Up Service.

The ULC Listing Mark generally includes the following elements: the symbol ULC in a circle:  with
the word "LISTED"; a control number (may be alphanumeric) assigned by ULC; and the product
category name (product identifier) as indicated in the appropriate ULC Directory.

To confirm the status, validate the above information via the online directory.

Look for the ULC Listing Mark on the product.

M. Oughton

Martin Oughton, President & General Manager

UNDERWRITERS LABORATORIES OF CANADA INC.

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licensee of ULC. For questions, please contact a local ULC Customer Service Representative at www.ul.com/contactus



Previous Approvals

CONTRACTOR	CONSULTANT	OWNER
 شركة وادي البناء للمقاولات العامة المحدودة Con Valley Co. LTD For General Contracting		 مصدر Technical Services & Engineering

Material Submittal

Project:	Masdar Technical Services Project	Material Request No.:	CON-MR-MECH-
Client :	Al - Muhadib Group		
Consultant:	GAP Consultants Office		
Contractor:	Convalley For General Contracting		

DATE:- 7/11/2023

To be completed by the Contractor

Site: Type of Work: ☐ ☐ ☒ ☐ ☐ Structural & Civil Architecture Mechanical Electrical Other	
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Material Description :	FHC & FE
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Specifications/ Drawing Ref. : Tender Drawing & B.O.Q

B.O.Q. Ref. :			
Enclosures :	☒ Catalogues ☐ Samples	☐ Technical Data ☐ Operational & Maintenance Manual	☐ Literature ☐ Certificates

Manufacturer / Supplier:	AAEIDK (FALCON)	Local Agent :	
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Additional relevant information :

FALCON FIRE HOSE CABINET (80*80*30 CM) RUBBER HOSE 1 " FALCON CO2 FE 6 KG FALCON POWDER FE6 KG

Checked By: Signature:	Project Manager: Signature:
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To be completed by the Consultant :

Date Received : / / ☒ Approved ☐ Revise & Resubmit	Received By : ☒ AAN ☐ Not Approved
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Comments :	installation should be as per NFPA-14 and NFPA-10 for fire extinguishers.
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Date : 07/11/2023	Checked by : ENG HAMDY	
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Date received by the Contractor: / /	Received By : Signature :
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OWNER	CONSULTANT	CONTRACTOR
 شركة البناء المعمر العمارية AI BINA' A MUAMMAR	 هاشم عبد الحكيم للاستشارات الهندسية واستشارات السلامة	 شركة أزيدك لأجهزة السلامة

PROJECT NAME: Rusd Towers	LOCATION: JEDDAH
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MATERIAL SUBMITTAL / APPROVAL SHEET

☒ NEW SUBMITTAL	☐ RE-SUBMITTAL	SUBMITTAL DATE: 20/02/2023	SUBMITTAL NO.: MS-Mech-03	REV.: 00
PURPOSE OF SUBMITTAL		☒ FOR APPROVAL	☐ FOR COMMENTS	☐ FOR INFORMATION
DISCIPLINE:		☒ MECHANICAL	☒ Firefighting	☐ CIVIL
		☐ H. V. A. C.	☐ PLUMBING	☐ ELECTRICAL
		☐ OTHERS...	Specify: Firefighting	

MATERIAL NAME:	Fire Hose Cabinets	ORIGIN:	
BOQ. REFERENCE:		MANUFACTURER/SUPPLIER:	Falcon Gold
SPECS. REF.:		SUPPLIER:	
DRAWING REF.:		MATERIAL DELIVERY PERIOD:	Stock
LOCATION:	JEDDAH	MATERIAL REQUIRED AT SITE:	Rusd Towers
QUANTITY:		SAMPLE ATTACHMENT:	
B. S. REFERENCE:		CERTIFICATE ATTACHMENT:	

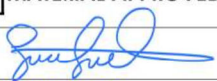
WARRANTY FROM THE MANUFACTURER / SUPPLIER:

CONTRACTORS REMARKS (if any):

CONSULTANTS COMMENTS:

Installation must be according to NFPA requirements.



CONTRACTOR		CONSULTANT	
NAME:	Mohamed Rabea	NAME:	Mohamed Akar
POSITION:	Mechanical Engineer	POSITION:	Consultant Engineer
SIGNATURE:		SIGNATURE:	
DATE:	20/02/2023	DATE:	26/02/2023
APPROVAL STATUS:		☒ A MATERIAL APPROVED ☒ B APPROVED WITH COMMENTS ☐ C MATERIAL REJECTED	
RECEIVED BY:	SIGNATURE:	RECEIVED BY:	SIGNATURE:
(CONSULTANT)		(CONTRACTOR)	
DATE:	26/02/2023	DATE:	



Falcon Gold

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+971524312926
+971526299153
+97143340813



INFO@FALCON-GOLD.COM



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