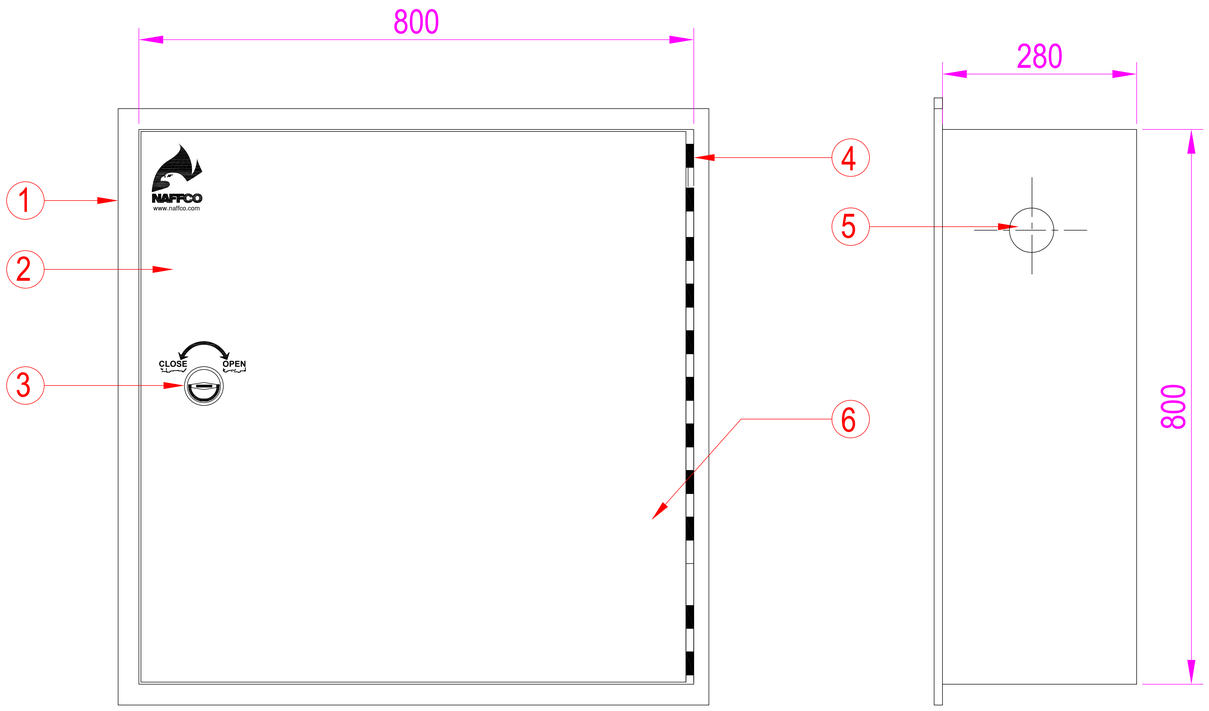
NOTES : -

1. ALL DIMENSIONS ARE IN MILLIMETERS, UNLESS OTHERWISE NOTED
2. LETTERS SCREEN PRINTING IN ARABIC AND ENGLISH.
3. GENERAL TOLERANCE ± 3mm



ITEM No:	DESCRIPTION	MATERIAL	QTY
1	CABINET RECESSED TYPE 800(H) X 800(W) X 280(D)	1.2mm COMPLETE E.G. SHEET, RED (RAL 3000) POWDER COATED	1
2	SOLID DOOR	1.2mm E.G. SHEET, RED (RAL 3000) POWDER COATED	1
3	ROUND LOCK	NAFFCO STANDARD	1
4	PIANO HINGES	STAINLESS STEEL	1
5	1" KNOCK OUT HOLE	---	1

PROJECT NAME	
COSULTANT	

FIRE PROTECTION BY

NAFFCO®
WORLD LEADERS IN FIRE PROTECTION SYSTEMS
N A F F C O MISR

NAFFCO MISR, Manufacturing Factory, North Expansion, Industrial zone,
(E2) Engineering Square, 6th of October City, Egypt

WEBSITE : www.naffco.com

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MEMBERS OF:
BSI 41113786
ISO 9001:2000
LPCB
NFPA 130004
UL A 14837

TITLE

FIRE HOSE REEL CABINET

RECESSED TYPE ,COMPLETE G. STEEL SHEET

DRAWN.BY	CHKD.BY & APPD.BY	DATE	SCALE	REV.
Eng.ESRAA SALAMA	Eng.FATEMA ELHUSSEINY	18.01.2021	N.T.S.	0

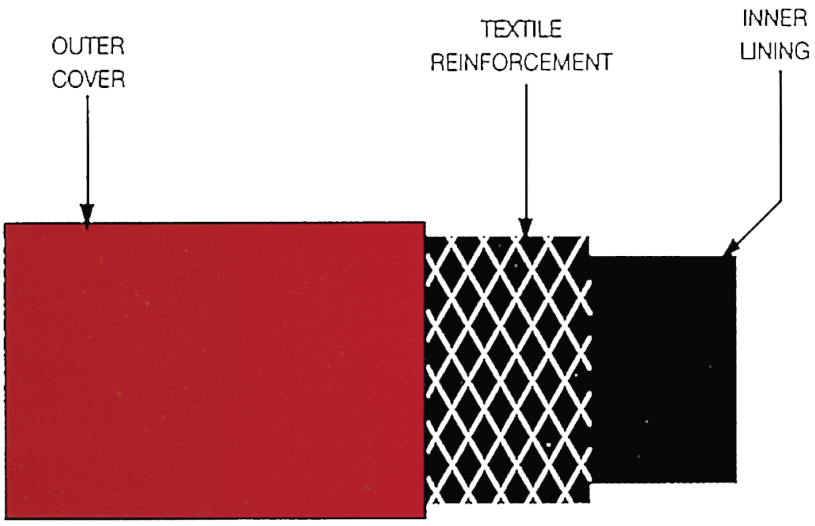
SEMI-RIGID REEL HOSE

PRODUCT DESCRIPTION

NAFFCO semi-rigid reel hoses are suitable for use in fixed fire fighting system. The hoses are available in sizes of 19 mm and 25 mm inside diameter. The hoses are flexible so that it can be rolled and kept on a drum.

The hose are intended for use at a maximum working pressure of 12 bar (1.2 MPa) and temperature range of -20°C to +60°C at ambient temperature condition in non aggresive or non-corrosive atmosphere.

The semi-rigid reel hoses are manufactured to comply with BSEN 694:2014 standards.



FEATURES

- Materials for inner lining and cover of hose are plasticized PVC compound
- High tensile textile polyester yarn is used for reinforcement of hose.

SPECIFICATION		
Hose Classification	Type A, Class 2	
Color of Hose	Red	
Bore	19mm	25mm
Length of Hose	30m	
Hydrostatic Properties		
Maximum Working Pressure	12 Bar	
Proof Pressure	24 Bar	
Burst Pressure	42 Bar	

FIRE HOSE REEL WITH SEMI-RIGID HOSE

PRODUCT DESCRIPTION

NAFFCO fire hose reels provide a very effective fire fighting facility with a continuous supply of water available immediately. The construction and performance of a fire hose reel with semi-rigid hose ensures suitable installation in buildings and other construction works for use by the occupants. The fire hose reels are manufactured in both manual and automatic versions to comply to BS EN 671-1:2012 standard with semi-rigid hose complying with BSEN 694:2014 standards.

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FEATURES

- BSI Kitemark and LPCB certified.
- The fire hose reels are capable of rotating in one plane (fixed type)or rotating in more than one plane with mounting on one of the following: swinging arm, swinging pipe or swinging door in manual and automatic version.
- The automatic fire hose reels will open fully within 3 revolution of the reel.
- The nozzle have SHUT, JET and SPRAY control settings.
- The minimum flow rate of hose reels in JET and SPRAY setting is 41 L/MIN. at 0.6 MPa (6 bar) pressure and setting in chrome plated rotary nozzle is 53Lpm at 0.6 Mpa (6 bar) pressure.
- The effective throw range of discharge at 0.2 MPa (2 bar) pressure is 10 mtrs. in JET setting.
- The reel discs are painted RED with printed user instructions.

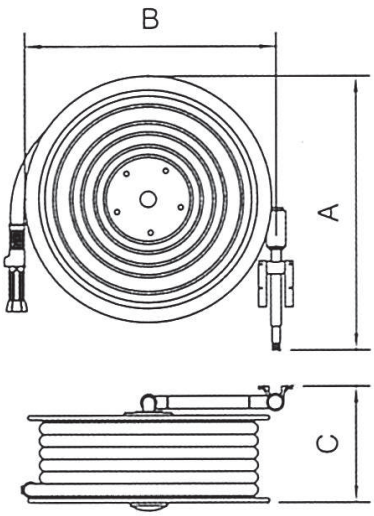
OPERATING INSTRUCTIONS

AUTOMATIC HOSE REELS

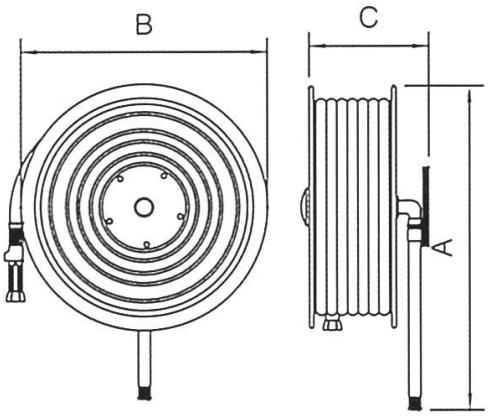
- Pull out the hose and then water flow will start within 3 rotations.
- Open nozzle, adjust to spray or jet as required.
- Aim nozzle at base of fire.
- After use, close the nozzle and rewind the hose, ensuring that it is properly wound around the hose reel (not overlapping side plates). Open the nozzle to drain water from the hose and then close the nozzle on completion.

MANUAL HOSE REELS

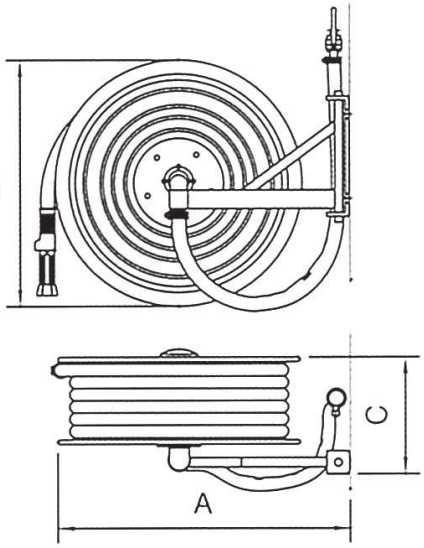
- Open the main valve fully.
- Pull out the hose.
- Open nozzle, adjust to spray or jet as required.
- Aim nozzle at base of fire.
- After use, close the nozzle, turn off the main valve, rewind the hose, ensuring that it is properly wound around the hose reel (not overlapping the side plates). Open the nozzle to drain water from the hose and then close the nozzle on completion.



SWINGING PIPE TYPE



FIXED TYPE



SWINGING ARM TYPE

FIRE HOSE REEL ASSEMBLY

Type	Model No.	Hose Diameter & Length	Reel Height (A in mm)	Reel Width (B in mm)	Reel Depth (C in mm)
Swinging Arm (Plastic Nozzle)	19 NFH-020M/SS	19mm (¾") & 30m	645	550	205
Cabinet Mounted Manual (Brush / Mirror Finish)	25 NFH-020M/SS	25mm (1") & 30m	645	550	235
Swinging Arm (Brass chrome plated rotary Nozzle)	19 NFH-020M/ SS-B	19mm (¾") & 30m	645	550	205
Cabinet Mounted Manual (Brush / Mirror Finish)	25 NFH-020M/SS	25mm (1") & 30m	645	550	235
Swinging Arm (Plastic Nozzle)	19 NFH-020M	19mm (¾") & 30m	645	580	205
Cabinet Mounted Manual (Red Painted)	25 NFH-020M	25mm (1") & 30m	645	580	235
Swinging Arm (Brass Chrome Plated Rotary Nozzle)	19 NFH-020M-B	19mm (¾") & 30m	645	580	205
Cabinet Mounted Manual (Red Painted)	25 NFH-020M-B	25mm (1") & 30m	645	580	235
Swinging Arm (Plastic Nozzle)	19 NFH-020A/SS	19mm (¾") & 30m	645	550	235
Cabinet Mounted Automatic (Brush / Mirror Finish)	25 NFH-020A/SS	25mm (1") & 30m	645	550	235
Swinging Arm (Brass Chrome Plated Rotary Nozzle)	19 NFH-020A/ SS-B	19mm (¾") & 30m	645	550	235
Cabinet Mounted Automatic (Brush / Mirror Finish)	25 NFH-020A/ SS-B	25mm (1") & 30m	645	550	235
Swinging Arm (Plastic Nozzle)	19 NFH-020A	19mm (¾") & 30m	645	580	235
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Type	Model No.	Hose Diameter & Length	Reel Height (A in mm)	Reel Width (B in mm)	Reel Depth (C in mm)
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Cabinet Mounted Automatic (Red Painted)	25 NFH-020A-B	25mm (1") & 30m	645	580	235
Swinging Pipe (Plastic Nozzle)	19 NFH-030M/SS	19mm (¾") & 30m	665	550	200
Wall Mounted Manual (Brush / Mirror Finish)	25 NFH-030M/SS	25mm (1") & 30m	665	550	245
Swinging Pipe (Brass Chrome Plated Rotary Nozzle)	19 NFH-030M/ SS-B	19mm (¾") & 30m	665	550	200
Wall Mounted Manual (Brush / Mirror Finish)	25 NFH-030M/ SS-B	25mm (1") & 30m	665	550	245
Swinging Pipe (Plastic Nozzle)	19 NFH-030M	19mm (¾") & 30m	665	580	200
Wall Mounted Manual (Red Painted)	25 NFH-030M	25mm (1") & 30m	665	580	245
Swinging Pipe (Brass Chrome Plated Rotary Nozzle)	19 NFH-030M-B	19mm (¾") & 30m	665	580	200
Wall Mounted Manual (Red Painted)	25 NFH-030M-B	25mm (1") & 30m	665	580	245
Swinging Pipe (Plastic Nozzle)	19 NFH-030A/SS	19mm (¾") & 30m	665	550	250
Wall Mounted Automatic (Brush / Mirror Finish)	25 NFH-030A/SS	25mm (1") & 30m	665	550	250
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Swinging Pipe (Brass Chrome Plated Rotary Nozzle)	19 NFH-030A-B	19mm (¾") & 30m	665	580	250
Wall Mounted Automatic (Red Painted)	25 NFH-030A-B	25mm (1") & 30m	665	580	250
Manual (Plastic Nozzle)	19 NFH-040M/SS	19mm (¾") & 30m	625	550	220
Fixed (Brush / Mirror Finish)	25 NFH-040M/SS	25mm (1") & 30m	625	550	265
Manual (Brass Chrome Plated Rotary Nozzle)	19 NFH-040M/ SS-B	19mm (¾") & 30m	625	550	220
Fixed (Brush / Mirror Finish)	25 NFH-040M/ SS-B	25mm (1") & 30m	625	550	265
Manual (Plastic Nozzle)	19 NFH-040M	19mm (¾") & 30m	625	580	220
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Manual (Brass Chrome Plated Rotary Nozzle)	19 NFH-040M-B	19mm (¾") & 30m	625	580	220
Fixed (Red Painted)	25 NFH-040M-B	25mm (1") & 30m	625	580	265