



LINGJACK

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FIRE HOSE REEL

1" x 30M MANUAL SWING HOSE REEL

MODEL : HR-1SW

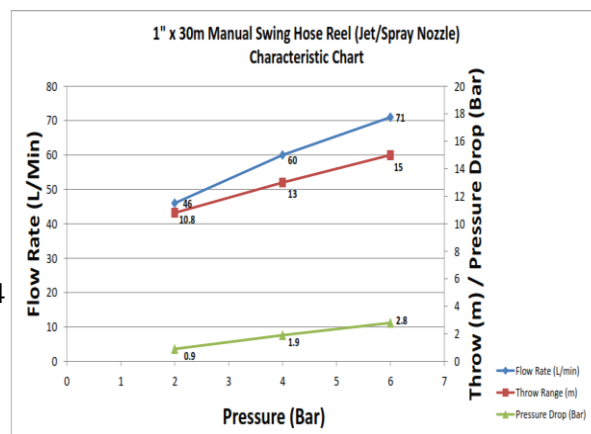
Specification :

- Inlet : 1" BSPT (M)
- Hose Size : 1" x 30m
- Design Pressure : 12 bar
- Working Temperature : 5 Deg C to 55 Deg C
- Hydrostatic Test Pressure : 18 bar at 5 mins
- Nozzle : 1" Brass Jet Spray Nozzle
- Flow Rate : 71 lpm at 6 bar (Jet)
- Throw Distant : 10.8m
- K-Factor : 29
- Material : Electro Galvanized Plate
- Overall Size : Dia.: 525 x 330 (±5) (Depth)
- Finishing : RAL 3001
- Gross Weight : 18.5 kg



Features :

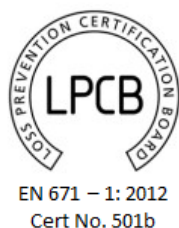
- Outdoor UV Resistance Polyester Powder Coated Hose Reel
- High Quality Red Semi-Rigid Fire Hose Approved to EN694:2014
- Easy to Maneuver
- Easily Mountable Universal Swing Armset



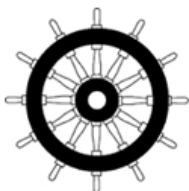
Standards : Manufactured in accordance with EN 671-1:2012

Approvals : LPCB (UK), Wheel Mark (MED)

Origin : Made in Singapore



EN 671 - 1: 2012
Cert No. 501b



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GOOD QUALITY GREAT SERVICES

www.lingjack.com



COMBAT®

FIRE HOSE REELS

COMBAT® Hose Reels are tested and approved to BS EN671-1. They are elegantly designed and of rugged construction providing performance and reliability for fire fighting. These types of hose reels are designed for mounting on a flat wall where access is limited or even in a recess position.



Model: HR-1SW & HR-1SW (S)



Model: HR1-AS & HR-1ASs

STANDARD HOSE REELS

Standard Hose Reel combines high performance and commonly use for general construction.

EXTRA SLIM FIRE HOSE REELS

With all the features of Slim Hose Reel, Extra Slim Hose Reel is designed with a larger diameter to produce much slimmer installations for similar capacities. They are ideally suited for installing in narrow areas without the need for deep recesses.

SLIM FIRE HOSE REELS

Slim Hose Reel combines high performance and rugged construction with compact and elegant design. The slim enables this hose reel to be installed almost anywhere without the need for expensive associated building work.

Options available for all types of hose reels

- Swing & Fixed types
- Manual & Automatic versions
- Mild Steel & Stainless Steel material
- 19mm (3/4") & 25mm (1") dia Hoses
- 20m, 25m, 30m, 36m Hoses
- Jet/Jet Spray Brass Chrome Operated Nozzle

AUTOMATIC FIRE HOSE REELS

An upgrade version of Fire Hose Reel that is more effective and easier to use.

The automatic valve is fully open after one revolution of the reel, ensuring immediate water flow at the nozzle.

HOSE REEL FLOW RATE TABLE

Hose Size	1" x 30 Meter Hose	3/4" x 30 Meter Hose
Nozzle Diameter	6mm	6mm
Flow Rate at 6 Bar	46LPM	43LPM
Flow Rate at 2 Bar	27LPM	26LPM
Throw Range	11 Meter	11 Meter
Test Pressure	22.5bar (kgf/cm ²) (330 PSI)	
Maximum Working Pressure	15.0bar (kgf/cm ²) (220 PSI)	

The company reserves the right to change the specification without prior notice.

LINGJACK ENGINEERING WORKS PTE LTD

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**COMBAT®****FIRE****HOSE REELS ACCESSORIES****Model: C-25LSV**

25mm
LOCK SHIELD VALVE
(COMBAT)

Test Pressure	25 bar
Maximum Working Pressure	15 bar
End Connection	1" BSPT

**Model: C-25PRV**

25mm
PRESSURE REDUCING VALVE
(COMBAT)

Maximum inlet Pressure	25bar
Maximum Operating Temperature	130°C
Outlet Pressure	0.5 bar - 6 bar
Minimum Flow Rate	50 Ltr/Min

**Model: D-06F**

50mm
PRESSURE REDUCING VALVE
(Honeywell)

Intel Pressure	25bar
Operating Temperature	Max 40°C
Outlet Pressure	1.5 bar - 6 bar
Peak Flow Rate	21.2 m³/h
KVS Value	12
Weight	4.5kgs

Hose To En694

Hose Size	ø 1"	ø 3/4"
Construction	Lining Reinforcement Cover	Lining Reinforcement Cover
ID (mm)	25	19
OD (mm)	33.5	26
Max. Working Pressure	15bar (kgf/cm²)	15bar (kgf/cm²)
Minimum Burst Pressure	42bar (kgf/cm²)	42bar (kgf/cm²)

Standard Material

Drum Plate	Manual / Automatic Fire Hose Reel - 0.8mm Mild Steel Slim Fire Hose Reel - 1.2mm Mild Steel Extra Slim Hose Reel - 1.5mm Mild Steel	Epoxy Powder Coated Signal Red RAL3000 (Option SS316L)
Center Hub	1.5mm Steel Epoxy Powder Coated (Option SS316L)	
Arm Set (Waterway)	Aluminium Alloy (Optional Gunmetal LG2)	
Inlet Pipe	Internal Epoxy Coated Steel Pipe (Option SS316L)	

Size of Fire Hose Reel

Model	Diameter (mm) x Max Depth (mm)	Weight (kg)	Carton Box (Length (mm) x Weight (mm) x Height (mm))
Standard Fire Hose Reel	ø 525 x 305	22	570 x 315 x 530
Slim Fire Hose Reel	ø 585 x 210	26	605 x 235 x 605
Extra Slim Hose Reel	ø 700 x 195	29	705 x 190 x 705

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CERTIFICATE OF CONFORMITY

This Certificate is issued to

LINGJACK ENGINEERING WORKS PTE LTD

(UEN No.: 199103053M)

No. 1 Woodlands Terrace, Singapore 738471

For Product Certification Scheme: Type 5

Product : Fire Hose Reel

Brand : COMBAT

Model : HR-1SSW & HR-1SW

Country of Origin : Singapore

**Product Details : Swing type fire hose reel with semi-rigid hose.
Hose Nominal Bore: 25mm
Hose Maximum Length: 30m**

which has complied with the requirements of the scheme based on the following:

STANDARD(S)	TEST REPORT(S)
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EN 671-1: 2012

BRE Test Report No.: 252162

SETSCO Assessment Report No.: MM-8500094418/CY/1

SETSCO Assessment Report No.: MM-8500094418/CY/2

SETSCO Test Report No.: MM-8500076870/NKG/4

SETSCO Test Report No.: MM-8500076870/NCC/2

SETSCO Test Report No.: MM-8500076870/CCH/1

SETSCO Test Report No.: MM-8500076870/NKG/3

Detailed configuration and installation shall be referenced to the certified report(s) stated above.



Dixon Ng (Mr)
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Certificate No

FSP-2010-0006

Date of Issue

23/03/2020

Date of Last Revision

01/07/2021

Date of Expiry

28/12/2024

This Certificate is part of full report and should be read in conjunction with it. This Certificate remains the property of SETSCO Services Pte Ltd (SETSCO) and shall be returned upon request. The use of this Certificate is subjected to the terms and conditions of the SETSCO Product Certification Scheme. The manufacturer is solely responsible for the compliance of any product that has the same designation as the product type-tested. Persons relying on this Certificate should verify its validity by checking it at www.setsco.com

The use of the SAC accreditation mark indicates accreditation in respect of those activities covered by the accreditation certificate number PD-2010-10.