

WOODLANDS FIRE

DESIGNERS AND MANUFACTURERS OF FIRE HYDRANTS, VALVES
AND ASSOCIATED FIRE FIGHTING EQUIPMENT1097, YACHT AVENUE, LASER PARK,
HONEYDEW 2170TEL: 011 794 9033
reception@woodlandsfire.co.za
info@woodlandsfire.co.za

FIRE HOSE REEL USERS GUIDE

MANUAL FIXED TYPE HOSER30S

WARNING

The reel must not be modified or dismantled before or during installation as such action would nullify the product certification. When not in use, the hose reel should be restored to its as installed condition with the ball valve in the off position.

Don't use on live electrical equipment or liquids.
Don't direct the jet at any personnel protect the hose reel system from frost.

HOSER30S manual fixed hose reel is designed for fire fight purposes only and conform to SANS 543:2019 Standard.

Product Data

Model	Type	Hose specification(mm)
HOSER30S	Manual, fixed	19*30m

Please Note

In accordance with SANS 543:2019, hose for firefighting must be limited to 30m for 19mm (3/4") hose.

Installation

The hose should be fully run out, put under pressure and the following points checked.

1. A suitable and accessible location should be selected. The surface must be suitable to withstand a horizontal pull on the reel.
2. Mark out four mounting holes as per dimension and position of the bracket in the drawing.
3. 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.
4. Tighten the bracket onto the wall according to the holes, with prepared four fasteners, securely ensuring the hinge assembly is level.
5. Connect the water supply pipe onto inlet end of the valve.
6. If being installed in a cabinet, depth of the cabinet should still allow the guide arm to protrude. The support bracket is mounted on the back of cabinet when fitted with the inlet pipe to connect the supply pipe.

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.

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Operating Parameters

Water supply of 2 BAR to 15 BAR pressure, it's recommended that the supply be regulated to a minimum of 3 BAR.

Maintenance

Monthly Inspection Procedure:

In accordance with SANS 10105 – 2; with the below as additional checks if not covered in standard

Leak Location	Remedy
Ball valve and inlet elbow	Tighten joints
Ball valve	Renew valve
Nozzle	Replace nozzle
Hose-waterway joint	Renew Clips
Hose	Renew hose
Waterway-inlet pipe	Renew O-ring seal

Annual Inspection Procedure

In accordance with SANS 10105 – 2; with the below as additional checks if not covered in standard

- 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.
 - On manual reels, check the valve is of correct type and that it operates easily and correctly.

- 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.
- When transparent material is used as a part of the construction of the door,

All monthly and annual inspections and service should be carried out by qualified personnel.

Discharge Property

Nozzle Setting	Nozzle Diameter	Inlet Size	Flow Rate at 2 bar/ 6 bar (Jet/Spray) (L/M)	Throw Range at 2 bar
Jet/Spray	6 mm	3/4"(19mm)	> 24/41	> 11.2

REVISION	A	DATE	2024-08-05
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