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DOCUMENT TITLE

FIRE HOSE REEL

MODEL:HS3025-540

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Ruihua

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1. <u>PURPOSE</u> This fire hose reel is designed for easy use and operation. Clear instructions are stated on the hose reel to enable even an untrained person to quickly bring the hose reel into operation. It has been developed for use of these fires: Fires involving wood, paper, textiles and plastics. <u>Notie:</u> It is not suitable for fires involving combustible metals such as magnesium, zirconium etc. or for fires involving cooking oils and fats. 2. <u>GENERAL DESCRIPTION AND OPERATION</u> The extinguishing medium that this fire hose reel uses is water. Discharge by turning the handle of a ball valve. Spin the end of nozzle to the direction 'ON', the water runs. The water comes out from the nozzle and aim the nozzle at fire. Operate the nozzle by controlling the directions 'ON' and 'OFF' on the nozzle. <u>OPERATION SIMPLE</u> <u>Instructions</u> 1. Open the fire hose reel, turn on the switch, pull the nozzle and run to the fire. 2. Aim nozzle at base of fire. 3. Spin the end of nozzle to the direction 'ON' and sweep the fire. 4. Spin the end of nozzle to the direction 'OFF', the nozzle will be closed.		

3. **SPECIFICATIONS**

Model No.:	HS3025-540
Gross Mass:	23KG
Plate Diameter:	540MM
Plate Spacing:	205MM
Working Pressure:	220±10KPa
Packaging carton sizes: Height	563MM
Width	563MM
Depth	275MM

Each fire hose reel is packed individually in a hardboard carton suitable for transport.

4. **MATERIAL AND CONSTRUCTION**4.1 **Nozzle**

The maximum working pressure is 1MPa, the bursting pressure shall be not less than 4MPa at 23±2°C. The rate of pressurization shall be at a controlled rate over a period of not less than 15s.

Each hose shall be legibly and durably marked, at intervals not exceeding 3m, with the following information:

- The manufacturer's identification or vendor's identification.
- The year of manufacture.
- The standard to which the hose was manufactured.

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4.2	<u>Hose</u> Keep the surface smooth and no burrs. Remove the sharp edge and at least keep the arc of R0.5. The hose is 30m long and the diameter of hose is 25mm.		
4.3	<u>Hose guide</u> Install hose guide runner during forming operation. Test the runner after completion. Length of wire before forming=649mm.		
4.4	<u>Seal pipe</u> No defects like shrinkage, brittleness or air holes in the seal pipe. It is black.		
4.5	<u>Drum</u> No defects like shrinkage, brittleness or air holes in the drum.		
4.6	<u>Side plates</u> The side plates shall be colored red approximating R13(signal red). The coating shall be bright, no obvious flow mark or crack. The minimum thickness of coating shall be 0.07mm.		
4.7	<u>Ball valve</u> The valve body shall be clean without any impurity; All the spares shall be assembled. Each valve shall be put in the water to do gas leakage test at 1.8MPa and check every part after keeping pressure for 30s. No bubbles. 100% inspection. The valve shall be water pressure tested at 3.0MPa based on the sampling rate 1/500, after keeping pressure for 60s, no obvious deformation or leakage. After assembly, there shall not be obvious crack on the valve body or other parts to make sure the appearance.		
4.8	<u>Handle cover</u> There is no crack or burrs on the surface. It is black. All graphics and text protrude out of the plane 0.2mm, the font size is even and beautiful.		

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5. <u>QUALITY ASSURANCE</u> The company is a registered Quality Assured Supplier operating to ISO9001 Quality Standard. All components are manufactured to conform to specific design specifications and are subject to strict quality control at every stage of manufacturing.			

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SERVICING**TROUBLE SHOOTING GUIDE****Warning:** Determine the source of the leak before unwinding the hose reel.

<u>Problem</u>	<u>CORRECTIVE ACTION</u>
Union leakage	Dismantle the union and check if the O ring is missing, if missing, supplement a new O ring . Check if the O ring is broken, if broken, replace one. Check if there is any dirty stuff on the union, if yes, clean it. Assemble the union after the above checking.
Nozzle leakage	Leakage of joint between hose and nozzle: dismantle the clip, cut the end of a hose who has been pressure tested, then re-connect the hose and nozzle with a clip. Leakage of the hose assembly: dismantle the nozzle, check if the O ring in the nozzle is broken or missing. Check if the green float in the nozzle is damaged, if yes, replace with a good one and then assemble the nozzle.
Drum leakage	If the stainless circlip is not in good position, fix it. If the gland seal quad ring is broken, replace it.

Component Details

