



Firenor

## Hose Reels Recessed mounted (Double door)

The Firenor firewater hose reel is a high quality quick-response piece of equipment ideal for manual fighting of small fires and for protection of personnel during evacuation. In order to ensure optimal protection of personnel, this equipment is typically used in locations like utility areas, open deck areas, living quarters and other low risk areas where personnel are likely to be present.

### SYSTEM DESIGN

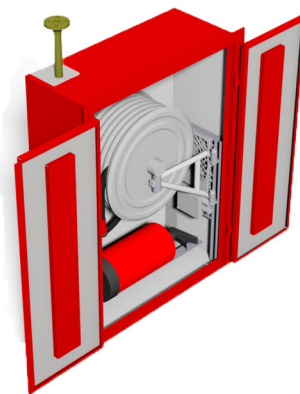
Built for versatility of mounting, the Firenor hose reel can be mounted on the wall. For optimal protection, hose reels should be placed so that any location can be reached from two separate firewater hose reels.

Each hose reel consists of an appropriate length hose and a nozzle that releases water at a specified flow. The nozzle of the hose reel can be easily opened or closed and can be adjusted to fog or jet spray. For hose reels that are supplied by a high pressure fluctuation water source, a regulating valve can be installed to avoid high reaction forces during operation. This equipment can also extinguish a pool fire by mixing foam in the water.

The firewater hose reel cabinet can be customized. Firenor hose reel can be stored in a variety of different frames, including an open frame or inside a cabinet for environmental protection purposes. Furthermore, the cabinet can be expanded beyond standard size in order to accommodate the fire extinguishers and first aid kits.

### VERIFICATION

This equipment can be customized, upon request, for compliance with both applicable rules or regulations and project specific requirements. Full documentation for any tailor-made products are available and include all necessary certifications, third party verifications such as DNV/GL, BV, ABS, etc., and full scale test reports, if required.



*Titanium Hose Reel according to Norsok specifications.*



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### FEATURES

- Flexible Design
- Compatible with various hazardous area classification and regulations (ATEX, UL, CSA etc)
- Full-scale tests
- NORSOK Working Environment Design

### MATERIAL

Every Firenor system is available in the following materials:

- Galvanized carbon steel
- Duplex
- Copper nickel
- SS316
- Super duplex
- 6Mo
- Titanium
- GRE

### FOAM SUPPLY

The foam supply for this system can be provided by a separate tank outside or inside the skid, or from a central foam system, depending on the exact project specifications. The foam can be mixed with a variety of solutions listed below:

- Balanced pressure foam proportioner
- Foam inductors
- Constant flow orifice

### SIZES AND VARIETIES

For optimal fire suppression efficiency, different varieties of hose reels need to be installed at various locations. The standard available hose diameters are ¾", 1", 1 ¼" and 1 ½" and hoses can have a length up to 30 meters.

- Swing hose reel or fixed hose reel with gear operated crank which allows for easy hose rewinding after use
- Double doors which reduce space needed to open doors
- Roller door which is ideal for cramped locations
- Ceiling mounted when there is no free floor space
- Space for storage of optional safety equipment such as fire extinguishers and first aid kit

### DOCUMENTATION

The engineering department produces documentation relevant to all phases of the project. Documentation normally includes the following:

- Quality plan
- Calculations
- ITP
- Certificates
- Drawings
- Reports
- Data sheets
- User manual
- Indexes
- MRB



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