



Credit: Hege Hansen - Statoll

Hydrants

Generally installed in open deck areas, walkways, and escape routes, a Firenor firewater hydrant is the ultimate piece of firefighting equipment for manually extinguishing large and devastating fires. The hydrant can also deliver water to other portable firefighting equipment such as portable monitors, foam generators etc.

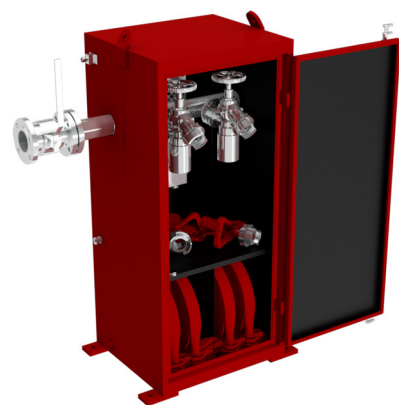
SYSTEM DESIGN

For optimal protection, hydrants should be placed so that any location can be reached from two separate firewater hydrants. Each hydrant consists of hoses and a nozzle that releases water at a specified flow. The nozzles can be easily opened or closed and can be adjusted to fog or jet spray. For hydrant that are supplied by a high pressure fluctuation water source, a regulating valve can be installed to avoid high reaction forces during operation.

The Firenor hydrant can be customized to meet specific project requirements. As part of this customization, the Firenor hydrant can be on an open frame or inside a cabinet for environmental protection purposes. The Firenor hydrant can be mounted on floor or wall. The cabinet can be used to store firewater handheld nozzle, hoses with desired quantity, length, size as well as coupling wrench. Furthermore, the cabinet can be expanded beyond standard size in order to accommodate the storage of fire extinguishers and first aid kits.

VERIFICATION

Every system 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.



Firewater Hydrant



◀ HYDRANTS

FEATURES

- Cabinets custom built to fully comply with customer's request.
- Firewater nozzles available in a variety of material grades up to Titanium.
- Hydrants that are DNV-approved upon delivery

MATERIAL

Every Firenor system is available in the following materials:

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

WATER SUPPLY

The standard water supply for a hydrant is provided by a firewater ring-main. If required, any Firenor hydrant can be custom designed to receive water from an alternate source.

DOCUMENTATION

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

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



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