



## Danfoss Semco A/S

Leading the way in fire protection

Danfoss Semco A/S

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### History

Danfoss Semco A/S is a global leader in the sale, development, production and service/commissioning of certified fixed fire fighting systems.

Danfoss Semco A/S was formed from two industrial leaders: Danfoss A/S and Semco Maritime A/S. The division of Semco Maritime has been innovative in its use of high-pressure water mist systems from the very beginning. All the while, Danfoss has developed and delivered key components for the high-tech systems.

Today Danfoss Semco is an integral part of the Danfoss Group, Denmark's largest industrial manufacturing company with a daily output of more than

250,000 finished components and more than 24,000 employees worldwide.

### Reaching even higher

For more than half a century we have cemented our position in the marine market by focusing exclusively on high technology fire fighting solutions for countless applications.

Water mist technology is now one of the most progressive fire fighting technologies within the marine segment. Danfoss Semco is one of the pioneers in this market and has proven expertise with installations worldwide.

The ground-breaking development and design of the SEM-SAFE® high-pressure water mist

system offers the optimal fixed fire fighting solution for any given vessel: from tankers to container vessels to hospital ships or cruise liners and offshore.



*We are a pioneer in high-pressure water mist system.*



*Constant investment in R&D to maintain our technological leadership.*



## SEM-SAFE®

High-pressure water mist system: State-of-the-art fire fighting technology

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### The intelligent use of water

SEM-SAFE® is a high-pressure water mist fire fighting system that comprises of a modular pump unit, section valves, piping and water mist nozzles.

Water is forced through nozzles at very high pressure to create a water mist with the most effective fire fighting drop size distribution.

The SEM-SAFE® high-pressure water mist system provides better protection for personnel and surroundings and minimises potential water damage, as most of the mist will evaporate.

The SEM-SAFE® high-pressure water mist system is available for accommodation, total flooding, local application, bilge, switchboard rooms and deep fat fryers.

### One supplier to cover the entire vessel

The marine and offshore industries bring particular challenges, and demand a supplier that can improve efficiency, reliability and safety while reducing the total cost of ownership. At Danfoss Semco that is exactly what you get. With SEM-SAFE® the entire vessel can be protected. High-pressure water mist replaces a range of traditional fire fighting solutions.

This means:

- Significantly reduced installation time and cost
- Less maintenance
- Simplicity in handling
- Valuable space saving
- Easy crew training in how to use the system
- No downtime



*All critical components are manufactured and tested in-house.*