

ENGINEERING  
TOMORROW

*Danfoss*

Service brochure

# Global Service of fixed fire fighting systems on all types of vessels

Danfoss Fire Safety A/S

*Danfoss*  
SEM-SAFE

**Service experts**

using manufacturer approved spare parts



# Servicing **the smart way**

## **Manufacturer approved service ensures high safety at low cost**

The Service Department at Danfoss Fire Safety provides service, spare parts and technical support for ship owners and vessels worldwide.

Experience shows that periodic service carried out by the manufacturer or the approved service partners and the use of manufacturer approved spare parts is the best way to keep your fire fighting system in good operating condition at the lowest possible life cycle cost.

## **Fixed price service agreements for budget predictability**

Regardless of whether you operate your own vessels or do so on behalf of others, a firm budget is essential for keeping costs under control.

Danfoss Fire Safety offers service contracts with fixed service prices. There are no additional costs, and price transparency is guaranteed. This means you always know what your servicing costs will be during the contract period.

## **Notification service facilitates advance planning**

Danfoss Fire Safety keeps track of the due dates for servicing your fire fighting system. Well in advance, you will be contacted by one of our service planners and notified of the upcoming service.

Together we can plan the most convenient location for the service, taking the vessel's schedule into account.

## **Technical support ensures correct solutions**

Do you need spares, but you don't know exactly which ones? Do you have a problem and can't find the cause? Our technical support staff are ready to assist you with issues like these, and many more. In addition, we have an extensive documentation database to help us to track down the components and spares you need.



Technical Supervisor performing service on a SEM-SAFE® high-pressure water mist system



Danfoss Fire Safety annual service on a SEM-SAFE® low-pressure CO<sub>2</sub> system



Advanced professional service: Looking after the essential details

# Protect the value of your **fire fighting system**

## Increase the lifetime of your system

By choosing Danfoss Fire Safety as your service provider, you are choosing the best possible care for your fire fighting system.

You can rest assured of properly functioning fire fighting equipment and systems thanks to comprehensive periodic service performed by our qualified Technical Supervisors. By dealing promptly with any potential minor deficiencies in your fire fighting system, we can help you avoid larger expenses and problems later on.

## Familiarisation of vessel crew

Our Technical Supervisors have in-depth knowledge of the various systems we deliver.

When on board for carrying out service, they are always willing to share their knowledge with the crew and talk them through the operation of the system. This is a good way to enhance safety on board.

## Highly skilled service staff

All of our Technical Supervisors are highly trained and have the knowledge and expertise necessary to assist you with any service you need for your fire fighting system. They bring the right set of specialist tools designed for servicing Danfoss Fire Safety equipment.

Danfoss Fire Safety is a reliable service provider with DNV and Lloyds accreditation.



## Original spare parts

When you purchase your spare parts from Danfoss Fire Safety, you benefit from direct access to original spare parts.

The spare parts we supply to you are the same as we use in production and for service. You are thus assured of receiving parts that fit perfectly with your equipment and will not impair the safety or lifetime of your equipment.

Our Service Department has access to original drawings and specifications, so they can ensure that the parts you receive are the right ones for your fire fighting system.

With Danfoss Fire Safety, you are assured of a full overview of the operational status of your fire fighting system after completion of service.

## Emergency support 24/7/365

When you have a service agreement with Danfoss Fire Safety, you have access to our 24/7/365 hotline, where you can get the assistance you need for any emergency.

You can also contact our Service Department at our dedicated e-mail address:

[firesafety.service@danfoss.com](mailto:firesafety.service@danfoss.com)

## Worldwide service

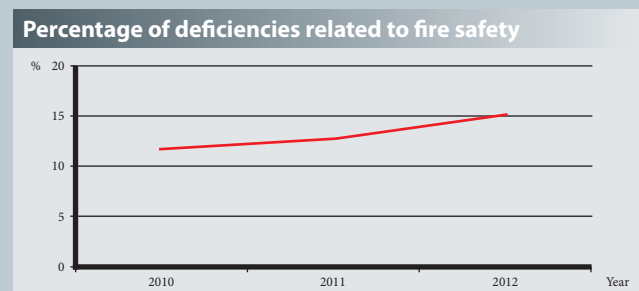
We consistently strive to deliver the best possible service. We have a global presence, but we act locally.

Our dedicated specialists are ready to help you arrange any service necessary to ensure your fire fighting system is working properly.

Our global service network ensures that you receive assistance promptly, no matter where you are.

## PSC statistics

The Port State Control statistics of the Paris MOU clearly show that deficiencies related to fire safety are the most common shortcomings found on inspected vessels. Delays due to fire safety deficiencies are costly and can be avoided by choosing an approved service provider such as Danfoss Fire Safety. That minimises your operational downtime.



Source: Paris MOU on Port State Control

# Total Solution Provider of Certified Fixed Fire Fighting Systems

**Danfoss Fire Safety A/S, is a global leader in the sale, development, production and service/commissioning of certified fixed fire fighting systems under the brand name SEM-SAFE®.**

We offer you an unparalleled competitive edge through quality and reliable products, uncompromising performance and cost-effective fire fighting systems.

## Innovation is our approach

We have been engineering and pioneering SEM-SAFE® fire fighting systems for decades. This gives us the experience and technological knowledge to provide a complete range of SEM-SAFE® fire fighting systems based on two key technologies: high-pressure water mist and low-pressure CO<sub>2</sub>.

## Engineering a safer tomorrow

SEM-SAFE® high-pressure water mist is the optimum fire fighting solution for any building and ship type.

The breakthrough that high-pressure water mist represents is to use the same method as traditional sprinklers, but to add the effect of converting the water into steam.

This means that the cooling effect is up to seven times higher than for

traditional sprinklers. Combined with the oxygen displacement effect, this can reduce water consumption significantly compared to traditional sprinklers.

Besides a proven track record in buildings, we install SEM-SAFE® fire fighting systems in a wide range of vessels. Safety on board ships is critical, and this places great demands on fire fighting systems.

Whether the journey means transporting goods across oceans on a mega container ship, or a vacation trip to a beautiful island on a luxurious cruise, SEM-SAFE® fire fighting is the perfect choice to protect the vessel and passengers against fire, with reliability and cost-effectiveness in mind.

For the marine sector we offer the SEM-SAFE® high-pressure water mist

system for fire fighting and the SEM-SAFE® low-pressure CO<sub>2</sub> system for fire fighting.

## Reaching even higher

Simplicity in design, obtained by using the most advanced technologies, results in the highest operation reliability. All our products are made of first-class materials and in a comprehensively tested design.

## Danfoss Fire Safety is close by

Danfoss Fire Safety and its associates, regional offices and agents constitute a worldwide network that provides comprehensive technical support, installation, commissioning and repair services.

This network ensures that our reputation for fire fighting excellence is maintained and enhanced.

**>50  
years**

of pioneering  
research & testing  
in fire fighting

**SEM-SAFE®**

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