

# Fires don't play by the rules

A fire can occur anywhere, anytime with no respect for rules or regulations. And the consequences for both humans and assets can be catastrophic.

No matter where the fire breaks out: on board a ship, in a crowded building, offshore or in essential infrastructure there is a great demand for a safe, efficient and immediate activating firefighting system.

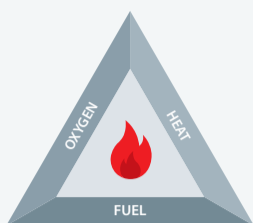


Using high-pressure water mist is one of the most effective ways to fight fires. And at the same time, the mist isn't as devastating to the immediate surroundings and assets than tons of water spread by traditional sprinklers.

## Water mist **benefits**

**90%**

Up to 90% less water is being used



Water mist both removes the heat and blocks the oxygen



Less equipment helps to reduce complexity and capex

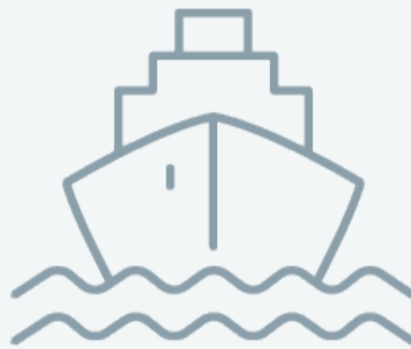


## Danfoss components for firefighting water mist systems

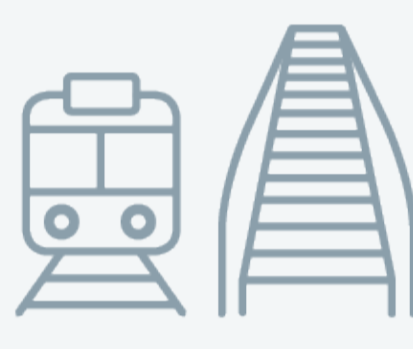
Danfoss offers high-pressure components for water mist systems that comply to the strictest quality standards. They are suitable for both commercial and industrial applications:



Various building types



Infrastructure



Marine and offshore

- ✓ High Reliability
- ✓ Low Maintenance
- ✓ High Efficiency
- ✓ Easy installation

We are committed to support our customers within the fire fighting industry.

Our high-pressure pumps, sectional valves, check valves and relief valves cover your needs when using high-pressure water mist.

### PAH high-pressure pump



Less maintenance



Low complexity



Unrivalled reliability



Easy installation

### VDHT sectional valve



Less maintenance



Easy installation



Unrivalled reliability

### VCH check valve



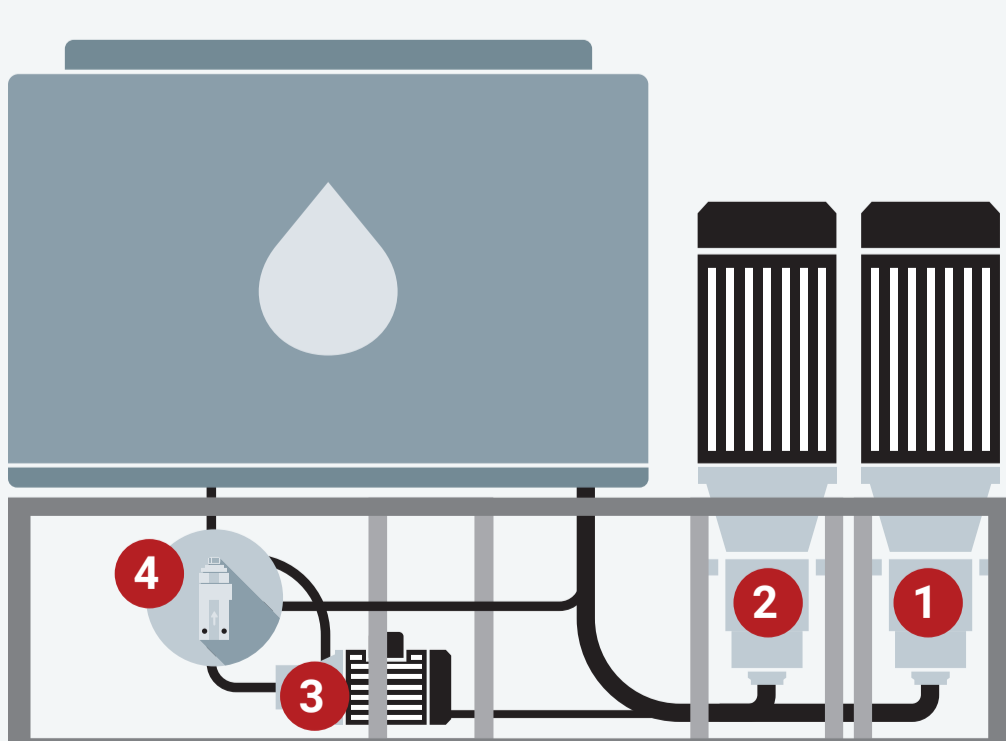
Stainless steel to ensure high quality and reliability

### VRH pressure relief valve



Reliable and corrosion resistant

## Danfoss components used in a high-pressure water mist system



- 1** Main pump (PAH)
- 2** Redundancy via extra pump (PAH)
- 3** Jockey pump (PAH)
- 4** Valves:  
Pressure relief valve (VRH)  
Check valve (VCH)

The high-pressure sectional valves (VDHT) are placed in the different zones e.g. on each floor in a high-rise building