



Fire protection for **HEALTHCARE FACILITIES**

FIRE SAFETY, DESIGNED TO CARE FOR EVERY SPACE.



VIKING





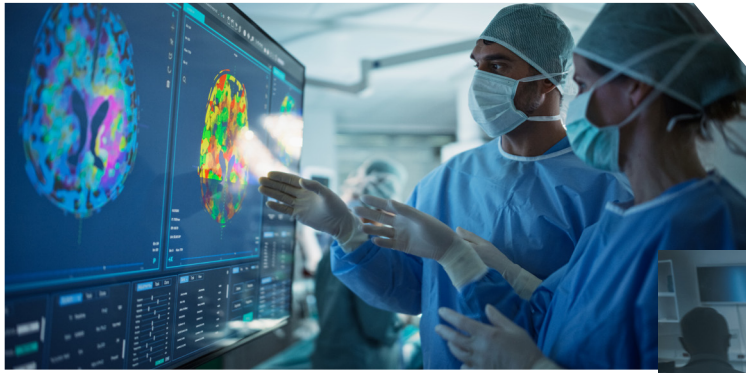
BECAUSE CARE IS CONTINUOUS, fire protection should be too.

HEALTHCARE FACILITIES OPERATE AROUND
THE CLOCK, WITH NO ROOM FOR DOWNTIME.

PATIENT SAFETY, UNINTERRUPTED TREATMENT,
AND THE AVAILABILITY OF CRITICAL MEDICAL
EQUIPMENT ARE ESSENTIAL AT ALL TIMES.

Viking EMEA delivers integrated fire protection solutions tailored to healthcare environments that meet the highest safety and compliance standards while operating reliably.

These solutions ensure minimal disruption and consistent performance across waiting areas, operating rooms, laboratories, and technical spaces.





Fire protection designed around **HEALTHCARE REALITIES**

Healthcare environments demand more than standard solutions. Viking systems are designed to support the realities of medical facilities.



CONTINUOUS OPERATION WITH CRITICAL LIFE-SUPPORT SYSTEMS

Viking offers dependable systems designed for minimal downtime and scheduled maintenance.



PATIENT AND STAFF SAFETY WITH LIMITED PATIENT MOBILITY

Viking's fire protection solutions are designed to support early detection and fast response in areas where evacuation may be difficult.



HIGHLY ADVANCED AND SENSITIVE EQUIPMENT

Viking offers both water-based and clean residue-free extinguishing agent solutions for areas such as operating rooms, MRI suites, and IT rooms, with minimal collateral damage.



HIGH SAFETY AND HYGIENE STANDARDS

Compliance with infection control protocols and minimized contamination risks through easy-to-clean and sanitize components.



REGULATORY COMPLIANCE

Viking's solutions comply with worldwide approvals and recognitions, including UL, FM, NFPA, EN standards, local Civil Defense codes, and healthcare accreditation requirements.



COMPLEX BUILDINGS

Viking's broad portfolio of fire protection strategies adapted to the multiple zones within healthcare facilities, each with specific risks and requirements.



OXYGEN-RICH AND FLAMMABLE ENVIRONMENTS

Viking's solutions are designed for safe storage, controlled suppression and proper ventilation.



MAINTENANCE AND TESTING CONSTRAINTS

Viking's systems are engineered for reliability, ease of maintenance, and minimal operational disruption.

A complete portfolio for every healthcare application

At Viking, our mission is to deliver a complete fire protection portfolio across all technologies, including water, water mist, gas, foam, and detection & control. Each solution is designed for reliability, compliance, and easy integration into existing buildings*.

Fire protection solutions for healthcare facilities (such as hospitals, clinics or nursing homes) must ensure life safety, property protection, and continuity of patient care. Because evacuation is difficult and patients may be non-ambulatory, the fire protection system must prioritize early detection, compartmentation, and suppression.



*Other products may be available depending on the building's specific requirements.

		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
		PATIENT ROOMS	GENERAL AREAS	OPERATING ROOMS & ICU	IMAGING AREAS	MRI ROOMS	GENERATOR ROOMS	IT & DATA ROOMS	HELIDECK	KITCHEN	LABORATORIES	PARKING BASEMENT	TECHNICAL AREAS & ELECTRICAL ROOMS	PHARMACIES & STORAGE	LAUNDRY ROOMS	PUMP ROOMS
Viking Blazemaster™ CPVC		●	●	●	●	●										
Preaction sprinkler system				●	●	●		●					●			
Wet pipe system		●	●							●	●			●	●	
Deluge system							●									
Standard or concealed sprinkler		●	●	●	●		●	●		●	●	●	●	●	●	●
Concealed MRI sprinkler						●										
Nexus ONE EN3		●	●	●	●	●		●	●	●	●		●	●	●	
Nexus ONE EN5												●				
Nexus APEX							●									●
Monitor									●							
Foam nozzle (AX1)							●				●					
Bladder tank							●		●		●					
Grate nozzle									●							
CO2 system							●	●			●		●			
OXEO IG, VSN 1230					●	●		●			●					
Smoke detector		●	●	●			●	●			●	●	●			
Heat detector							●			●		●			●	●
Multi detector			●				●					●	●			●
Manual call point			●						●			●				
Control panel								●					●			
Beacon / Sounder		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Special detector				●	●	●		●	●		●	●				

Fire safety, designed to care FOR EVERY SPACE



Viking EMEA – Fire protection for HEALTHCARE FACILITIES

Key advantages per product



SPRINKLER & DELUGE

	AREAS	KEY ADVANTAGES
Viking Blazemaster™ CPVC	Patient rooms, operating rooms & ICU, Imaging areas, general areas, MRI rooms	- Corrosion-resistant: maintains performance over time - Hygienic material: does not promote bacterial growth - High C-factor: may allow smaller pipe diameters - Magnetic safety: no metallic or ferrous materials
Preaction sprinkler system	Operating rooms, technical rooms, ICU, imaging areas and MRI rooms, data rooms	Single or Double Interlock Preaction System: prevents accidental discharge in environments with sensitive equipment
Wet pipe system	Pharmacies, storage, laundry rooms, patient rooms, general areas, kitchen, laboratories	- Ideal for controlled environments: well suited to climate-controlled medical storage - Fast fire control: no delay in water discharge
Deluge system	Generator rooms	Rapid coverage: fast fire suppression
Standard or concealed sprinkler	Everywhere except MRI rooms and helideck	- Broad coverage: EC sprinklers for covering large areas with fewer sprinklers - Smaller pipe diameters compared to standard systems - Quick response sprinkler
Concealed MRI sprinkler	MRI rooms	Magnetic safety: no metallic or ferrous materials



WATER MIST

	AREAS	KEY ADVANTAGES
Nexus ONE low pressure EN3	Everywhere except generator rooms, parking basement and pump rooms	- Low water consumption: uses up to 85% less water than conventional sprinklers - Minimal collateral damage: limits impact on sensitive medical and technical equipment - Cool without flooding: controls fire and protects equipment without excess water
Nexus ONE low pressure EN5	Parking basement	- Minimal collateral damage: protects vehicles and property - Energy-efficient: smaller pumps use less electricity - Space-saving design: compact footprint for easy installation
Nexus APEX high pressure	Generator rooms	- Fast fire suppression: quickly cools and controls fires - Minimal collateral damage: limits water damage



GAS

	AREAS	KEY ADVANTAGES
CLEAN AGENT		
OXEO IG, VSN 1230	IT & data rooms, laboratories, imaging (X-Ray) & MRI rooms, technical & electrical rooms	Safe and clean: protects people and equipment while leaving no residue
CO2 System	Laboratories, electrical and IT rooms, generator rooms	Clean: protects equipment while leaving no residue



FOAM

	AREAS	KEY ADVANTAGES
AX1 foam nozzle	Generator rooms, laboratories	- Flexible installation: available in pendent and upright versions - Upgrade-friendly: easily retrofit existing systems without costly redesigns
Grate nozzle	Helideck	- Rapid coverage: quickly blankets the surface to control fire - Fire control: prevents the fire from spreading or developing - Aircraft-ready: ideal protection for aviation applications
Monitor	Helideck (electrical monitor)	- Broad coverage: projects foam over extended distances - Remote operation: controlled from a protected location to reduce operator exposure - Fast and precise targeting: enables accurate positioning and quick response
Bladder tank	Generator rooms, laboratories, helideck	- Accurate proportioning: delivers the correct foam concentrate ratio for consistent performance - Simple operation: water-pressure operated, external power required - Low maintenance: robust design with limited moving parts



DETECTION & CONTROL

	AREAS	KEY ADVANTAGES
Smoke detector	Patient rooms, general areas, Operating rooms & ICU, generator rooms, IT & data rooms, laboratories, parking basement, technical & electrical rooms	- Early warning: detects smoke quickly to protect people - Life-saving response: enables fast evacuation - Continuous safety: monitors areas 24/7, even when unoccupied
Heat detector	Generator rooms, kitchen, parking basement, laundry rooms, pump rooms	- Dependable in harsh environments: detects rapid temperature rise, reducing false alarm - Early fire response: activates alarms or suppression systems before fire spreads - Equipment-safe: designed for areas with steam, dust, or fumes without nuisance trips
Multi detector	Electrical rooms, pumps rooms, generator rooms, general areas, parking basement	- All in one: combines both smoke and heat detector in one - Business continuity: minimizes false alarms to keep operations running smoothly
Manual call point	Along exit routes	- Immediate alert: quickly raises the alarm - Enhanced safety: supports evacuation and protect patients, especially those with limited mobility
Clunid DCP-1	Technical and electrical areas, IT & data rooms	Complete end-to-end fire protection: detection, alarm activation, control and system monitoring
Beacon / Sounder	Everywhere	Immediate alert: provides clear visual and audible warnings to staff, patients, and visitors
Special detector	Operating rooms & ICU, MRI rooms, imaging areas, IT & data rooms, helideck, parking basement, laboratories	Extensive portfolio of specialized products: ensuring the right fit for every application, even challenging one



A trusted partner for healthcare fire protection

With decades of experience in fire protection, Viking understands the unique challenges of medical environments. Its technical expertise and dependable components deliver safe, efficient, and compliant solutions tailored to each facility.

■ Proven expertise in healthcare

Decades of experience protecting hospitals, laboratories, and medical centers worldwide, with solutions designed for **patient safety and system reliability**.

■ Complete portfolio from detection to suppression

An **extensive range of technologies** including detection, control valves, sprinklers, clean agents, foam, and water mist, making Viking a **unique provider for complete fire protection systems**.

■ Dependable performance & low maintenance

Engineered for **durability and ease of service**, minimizing downtime in healthcare environments that operate **24/7**.

■ Compliance with stringent standards

Solutions meet or exceed **NFPA, EN, and local Civil Defense** requirements and are supported by internationally recognized approvals such as **FM, UL, and CE**, ensuring high levels of hygiene and safety.

■ End-to-end technical support

From product selection to after-sales assistance, Viking experts provide **continuous support** throughout the project lifecycle.

■ Global trust, local presence

Trusted by leading healthcare facilities across **EMEA**, backed by an extensive network of distributors, service partners, and technical specialists.



“Viking EMEA were one of our key partners in delivering the sprinkler system installation for the New Children’s Hospital. When it came to the scale and complexity of the project, we knew we could rely on Viking to come up with the goods, of high quality and in quantity. [...] The project had unique challenges whereby if a component had flaws, it would be revealed, but Vikings has stood the test of time. Viking continued to provide support throughout the process right through to completion.”

Edward Byrne,

Jones Engineering, Fire Protection Lead
New Children’s Hospital

Fire protection in
healthcare is about more
than protocols, it's about keeping
patients, staff, and critical
infrastructure safe with
DEPENDABLE, TAILORED SOLUTIONS.



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For further information, please contact your local Viking sales office or refer to the technical documentation.
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Your Fire Protection Partner

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