



ROTAREX
FIRETEC



VdS

 **CLEANFIRE**

**COMPLETE FIRE SUPPRESSION
SYSTEM USING 3M™ NOVEC™ 1230
FIRE PROTECTION FLUID**

JULY 2019

A COMPLETE VdS-APPROVED FIRE SUPPRESSION SYSTEM USING 3M™ NOVEC™ 1230 FIRE PROTECTION FLUID



CLEANFIRE® by Rotarex Firetec is a complete VdS-Certified Clean Agent Fire Suppression System that helps you save time and improves productivity

Rotarex Firetec has done the compatibility, performance testing and certification work for you! The system is ready to configure and requires less space to protect high-value assets in areas difficult to access. Safe, effective and VdS-certified.



A COMPLETE
SYSTEM VdS-
APPROVED

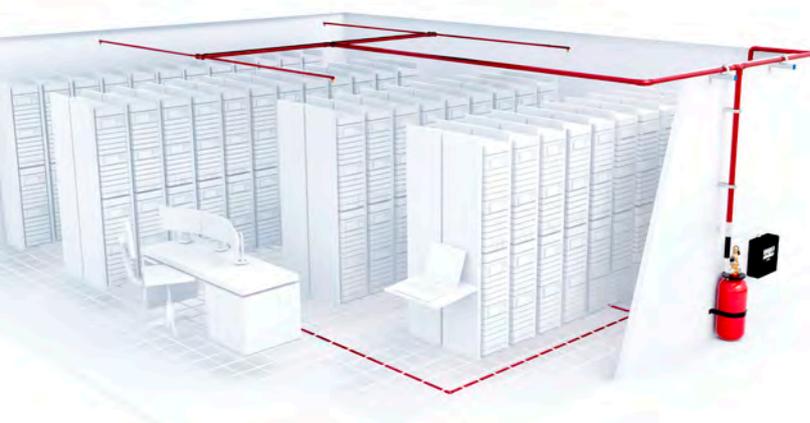


- The **CLEANFIRE** system helps you to reduce the footprint, installation and service cost by offering you a choice from 30L to 180L cylinders in 25 bar or 50 bar configurations.
- Less cylinders are needed for your installation due to the high filling ratio that can be up to 1,2kg/L
- The 50 bar pressure option allows the cylinders to be placed further away from the protection zone.
- Extremely fast discharge of agent within 10 seconds. The fire is out before it has a chance to spread. Damages and downtime are at an absolute minimum.

The **CLEANFIRE** system is designed and manufactured by Rotarex Firetec. A world leader in reliable control systems for pressurized gas applications. The proven technology used in the CLEANFIRE VdS-approved Clean Agent Fire Suppression System has been installed in thousands of installations worldwide.

A COMPLETE VdS-CERTIFIED FIRE SUPPRESSION SYSTEM USING 3M™ NOVEC™ 1230 FIRE PROTECTION FLUID

Novec 1230 fluid offers a unique combination of safety, low environmental impact and excellent extinguishing performance. It is also ideal for special hazards fire protection making it the only chemical halon replacement to offer a viable, long-term, environmentally sustainable technology.



KEY BENEFITS

- ★ Choice from 30L to 180L cylinders
- ★ 25 or 50 bar working pressure
- ★ Filling ratio up to 1,2 kg/l
- ★ Space- efficient as less space needed for cylinder storage
- ★ Reduced cost for piping and maintenance
- ★ Fast discharge and effective suppression
- ★ No residue- nothing to clean
- ★ Safe for humans within the NOAEL limitation
- ★ Non-conductive electrically
- ★ Proven high quality valve technology

Novec 1230 fluid is a next-generation halon alternative offering outstanding performance, a large margin of safety, and an excellent environmental profile:

- Zero ozone depletion potential
- 5-day atmospheric lifetime
- Global warming potential <1

Novec 1230 Fluid is based on a proprietary chemical from 3M called a fluororoketone. The full chemical name for this compound is dodecafluoro-2-methylpentan-3-one. Its ASHRAE nomenclature – the way it is designated in the NFPA and ISO 14520 clean agent standards – is FK-5-1-12.

ABOUT VdS

VdS stands for Inspected. Approved. Safe. and is Europe's largest expert organization for fire protection. It is an independent institution which has been ensuring safety and trust in the fields of fire protection and security for many decades.

VdS develops advanced safety concepts for significant industrial and commercial enterprises, leading manufacturers and system businesses as well as specialist firms and independent specialists. Its experts assess more than 21.000 fire protection systems worldwide every year.



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HOW TO CONTACT US?

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