



# PROTECTING YOUR PROCESS WITH 3M™ NOVEC™ 1230

The Fike NOVEC™ 1230 system is armed and ready to eliminate any fire hazard at a moment's notice. Its 500 psi operating pressure provides ultimate design flexibility and ensures that the necessary amount of agent reaches every corner of the protected space in under ten seconds, extinguishing a fire in its very earliest stages.

NOVEC™ 1230 extinguishing agent is ideal for protecting sensitive electronic equipment and irreplaceable items from fire and the damaging effects of fire sprinkler systems. It is electrically non-conductive, non-corrosive and leaves no residue behind after a system discharge. In addition to being safe for your local environment, NOVEC™ 1230 has a low impact on the global environment, with no ozone depleting potential and a global warming potential of one – the lowest of any chemical fire suppressant.

Fike's NOVEC™ 1230 system is the only system available with Fike's revolutionary impulse valve with rupture disc technology. The impulse valve and rupture disc provide an unrestricted path for agent flow during a discharge. This results in lower friction losses, longer pipe runs and smaller diameter pipe – all of which add up to higher performance at lower cost than competing systems.

## GREEN, EFFICIENT FIRE SUPPRESSION

Fike 3M™ NOVEC™ 1230 was developed to protect your most valuable, sensitive assets from the damaging effects of fire and water in a wide range of environments.



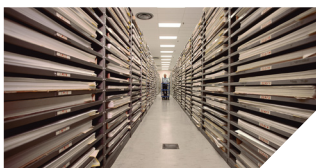
### Data Centers

NOVEC™ 1230 is safe for electronics and requires no cleanup, making it the ideal agent for protecting data centers and other environments containing sensitive electronics.



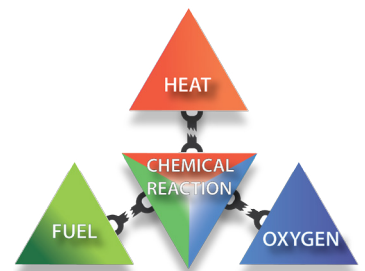
### Control Rooms

Because it is non-conductive and leaves no residue behind, NOVEC™ 1230 is the agent of choice for protecting the control rooms that manage systems in a manufacturing, processing or power producing facility.



### Valuable Assets

In environments like museums and historical archives, water can be as damaging as the fire it extinguishes. Fike's NOVEC™ 1230 system extinguishes a fire in its most incipient stage, and is itself non-damaging to even the most sensitive materials.

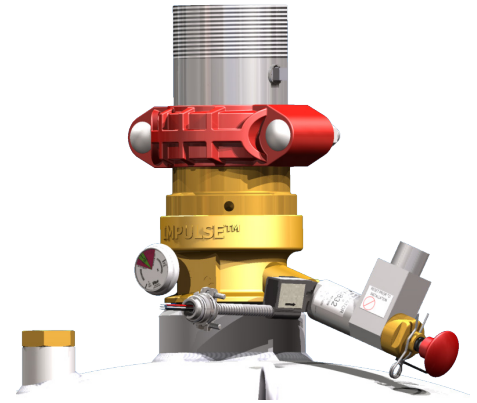


**NOVEC™ 1230 disrupts combustion at a molecular level, preventing fire growth and minimizing damage to the facility.**

## NOVEC™ 1230 IMPULSE VALVE TECHNOLOGY

Equipped with an industry leading valve, the Fike NOVEC™ 1230 system utilizes Impulse valve technology allowing for a full, unrestricted opening upon discharge. This opening allows for a lower pressure system while allowing the agent to flow distances equivalent to those of higher pressure systems.

<b>Available Sizes (lb. (L))</b>	5(2), 10 (4), 20 (8.5), 35 (15), 60 (27) 100 (44), 150 (61), 215 (88), 375 (153), 650 (267), 1,000 (423)
<b>Approvals</b>	UL, ULC, FM
<b>Operating Pressure</b>	500 psi (34.47 bar)
<b>Operating Temperature Range</b>	32 ° to 130 °F
<b>Container Material</b>	Steel
<b>Additional Benefits</b>	Electrically Non-Conductive Discharges as a Gaseous Vapor Zero O-Zone Depleting Potential Low Global Warming Potential



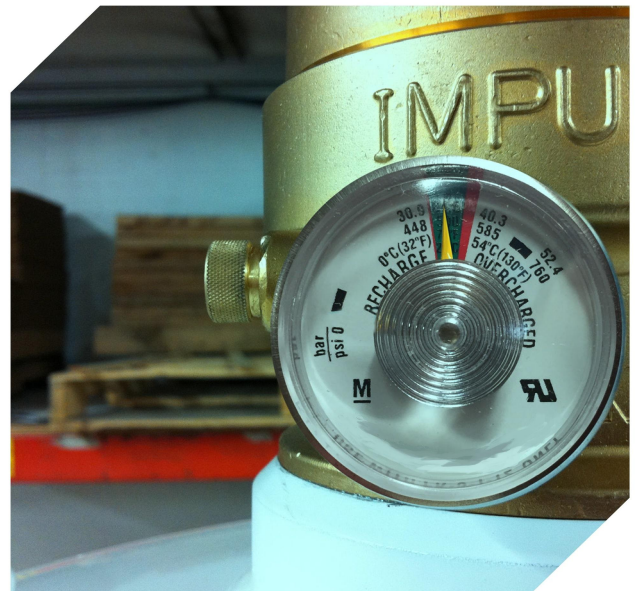
## THE 500 PSI DIFFERENCE

The Fike NOVEC™ 1230 system is pressurized to 500 psi, providing maximum benefit for the cost

**Longer flow distances** – Because it operates at pressures 40% greater than a standard 360 psi system, the Fike system naturally has longer flow capabilities. This provides more design flexibility, including the option to locate the system further from the protected space.

**Smaller footprint** – Compared to a 725 psi system, Fike's NOVEC™ 1230 system, with its larger container options, usually provides for a smaller overall footprint than a bank of 725 psi spun cylinders.

**Simplicity & Reliability** – The Fike system does not use separate nitrogen and clean agent containers. Instead, each clean agent container is pressurized with nitrogen to 500 psi. This makes for a simpler system with fewer valves to maintain and fewer containers to refill after a discharge.



**This document is only intended to be a guideline and is not applicable to all situations. Information subject to full disclaimer – please visit [www.fike.com/disclaimer](http://www.fike.com/disclaimer)**