



PROTECTING YOUR PROCESS WITH FIKE FK-5-1-12



The Fike FK-5-1-12 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.

FK-5-1-12 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, FK-5-1-12 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 FK-5-1-12 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.

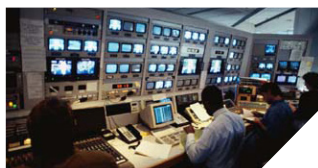
GREEN, EFFICIENT FIRE SUPPRESSION

Fike FK-5-1-12 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

FK-5-1-12 is safe for electronics and requires no cleanup, making it the ideal agent for protecting data centers and other environments containing sensitive electronics.



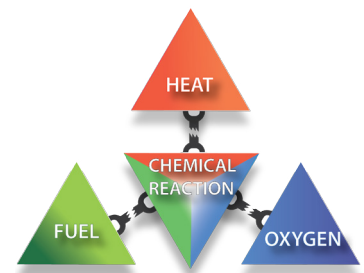
Control Rooms

Because it is non-conductive and leaves no residue behind, FK-5-1-12 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 FK-5-1-12 system extinguishes a fire in its most incipient stage, and is itself non-damaging to even the most sensitive materials.



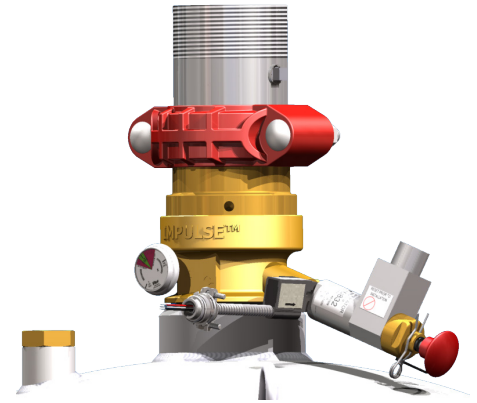
Fike FK-5-1-12 disrupts combustion at a molecular level, preventing fire growth and minimizing damage to the facility.

FK-5-1-12 IMPULSE VALVE TECHNOLOGY

Equipped with an industry leading valve, the Fike FK-5-1-12 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.

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



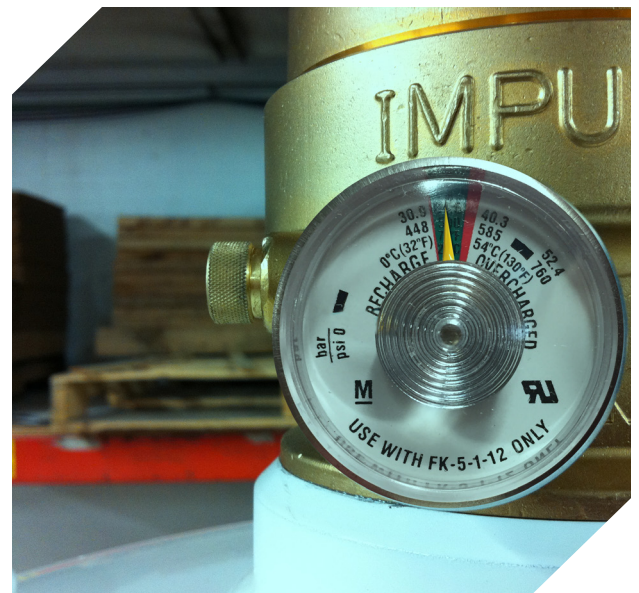
THE 500 PSI DIFFERENCE

The Fike FK-5-1-12 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 FK-5-1-12 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

Notice FK-5-1-12 may NOT be transported through, or installed in the following countries: France, Germany, Italy, Japan, Mexico, South Korea, Spain, the UK, or the USA.

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