

BlastOff™ - Leak Detection System

Provided Exclusively with the N₂-Blast® - Corrosion Inhibiting System

MAXIMIZE THE LIFE OF YOUR NITROGEN GENERATION SYSTEM...!

South-Tek developed the *Patent Pending BlastOff™ - Leak Detection System* to proactively ensure the longevity of not only the Fire Protection System, but the Nitrogen Generation System itself. The **BlastOff™ - Leak Detection System** acts as an onboard diagnostic to maximize the life of the system. If there is a significant leak downstream or an equipment malfunction, the Leak Detection System will alarm so that the problem can be diagnosed before the Nitrogen generator or air compressor burn out.



Proactive Features & Benefits

- Provided exclusively within every N₂-Blast® - Nitrogen Generation System
- Alarms when the N₂-Blast® senses a significant leak in the FPS piping, which causes the air compressor and N₂-Blast® to run excessively
- Alarms if the air compressor or N₂-Blast® are not working properly
- Built within the N₂-Blast® cabinet and includes dry contact for signal out to BMS
- Ensures energy efficiency

Setting Higher Standards

Unless the leak rate is catastrophic, the supervisory low pressure alarm on the Fire Protection System will not activate. Minor leaks cause the air compressor and N₂-Blast® to run excessively in order to maintain supervisory pressure. The unnecessary additional run-time decreases the lifespan of the equipment. The *Patent Pending BlastOff™ - Leak Detection System* is designed to detect significant leaks before they compromise the Fire Protection System and the Nitrogen Generation System. It has an internal audible alarm and dry contact for wiring into the Building Monitoring System and will also alarm if the air compressor or the N₂-Blast® are not working properly.