



Fire and Safety Systems Ltd.



Data Sheet – Zero 360 3.0kg CDP(Mil) Gas Remote Discharge System

Zero 360 represents over five years research and development, producing a major step forward in vehicle on-board safety. The Lifeline Zero 360 system contains 3.0kg of gaseous extinguishant discharging through specially designed high-performance nozzles. Performing in a similar way to the now banned Halon (BCF) systems **Zero 360** has been approved by the FIA for use in international motorsport and is already selected by the majority of world championship winning teams.



Engine Compartment Unit



Crew Compartment Unit

Significantly smaller and lighter than the current alternatives **Zero 360** offers far better packaging within the confines of the modern fighting vehicle with improved fire suppression performance.

Zero 360 uses compression technology to discharge in any orientation in a very effective and consistent spray pattern. Activation is by remote charge cartridge and is virtually instantaneous. Lifeline uses only the finest quality components both in the unit and the installation kit supplied with each system.

- Specially designed and selected for military and armoured vehicles
- Lightweight and compact
- 3kg of gaseous extinguishant in standard unit
- Un-pressurised until activation
- 4 high-performance nozzles for the engine compartment system
- Crew compartment units fitted with ultra hi-flow nozzle
- Clean 3M™ Novec™ 1230 liquid, Halon replacement, environmentally acceptable
- Highest quality components, Defence Standards tested
- Constant discharge in any cylinder orientation
- Excellent fire knock down and fire out capabilities
- Option for ballistic protection jacket
- Two year service cycle
- Based on our successful FIA Approved systems
- The choice of world championship winning constructors

For more details contact:

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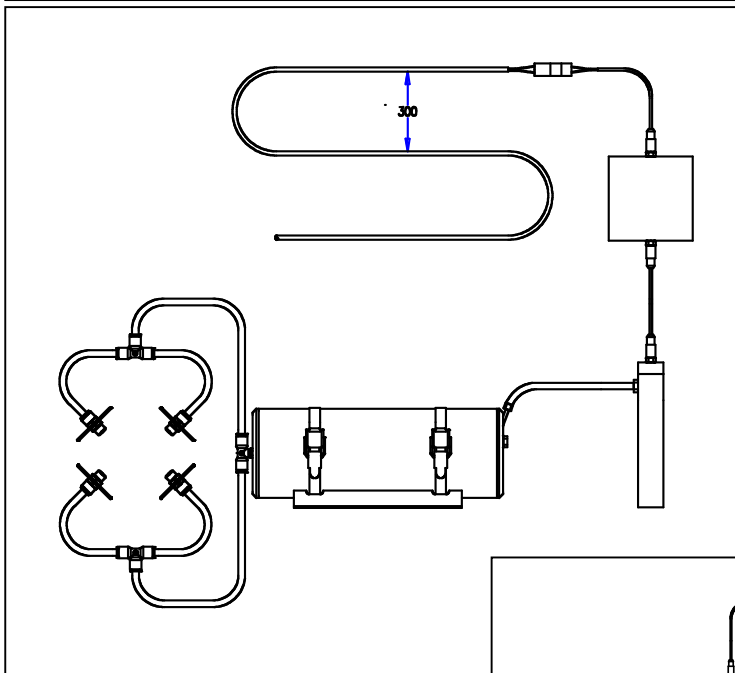
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Specifications and Typical Schematics

Description:	Zero 360 3.0kg CDP Remote Discharge Automatic Engine & Crew Compartment Extinguisher Systems
Contents:	3M™ Novec™ 1230 liquid, 3.0kg, unpressurised
Part No:	LL125-101-001 (Engine) LL125-101-002 (Crew)
Discharge System:	Electronic Remote Cartridge, Compression Discharge (P)
Power Requirements:	9 to 30Vdc, 1A
Cylinder Construction:	Aluminium, hard anodised with CNC machined end caps
Cylinder Size:	106mm dia x 456mm (excluding bracket & ballistic jacket)
Weights:	Cylinder: 4.5kg (filled) Remote Cartridge: 0.4kg including hose.



Automatic engine compartment system with Protectowire thermal sensing

Automatic crew compartment system with UV/IR sensor

