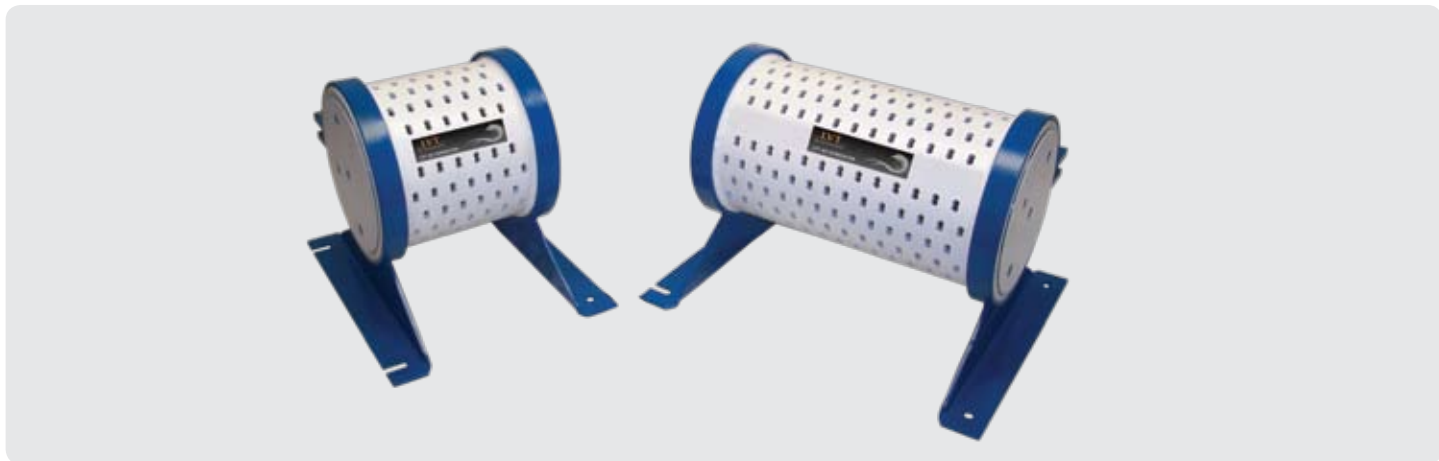




ALWAYS AHEAD

LVT
HIGH TECH FIRE PROTECTION

N2 Inert Gas Generator Fire Suppression System



High-speed Fire Suppression Solution

The N2 Generator offers a high-speed nitrogen-based fire suppression solution utilizing proven technology. With no need for a dispersion system or pressurized cylinders, the fast and reliable system releases gas directly from the canister.

Keeps the Crew Safe, While Protecting the Environment

The environment-friendly technology can be safely utilized in confined areas such as crew compartments, control rooms, and engine bays, offering an effective replacement for Halon and HFCs.

Safely Protects Occupied Enclosures

The N2 Generator provides protection for all types of enclosed spaces. Each N2 Generator is designed to protect a specific space; for example, a 24 inch N2 Generator protects a 400 cubic foot room.

Complies with Military Standards

Non-hazard DOT
EPA

Certificates in Process

UL & ULC
Mil Std 810

N2 Generator Advantages



- Non-toxic-** Safe for occupants of confined areas
- Green technology-** Environment-friendly technology
- ODP-** No global warming or ozone depletion potential
- 100% Nitrogen-** inert gas generator
Easy installation
- No maintenance-** is required
- No leaks-** No inner pressure
- Fast discharge-** Less than 100 milliseconds

- Reliable-** Non-pressurized canister eliminates risk of leaks
- Durable-** Long-lasting system has a twenty-year working life
- Proven technology-** Years of proven technology
- Solid State-** No moving parts
- No condensation-** No moisture condensation due to chilling air and during discharge

Typical Military Applications

- **Land:** Vehicles, tanks, personnel carriers-crew compartments, engine bays and cargo confined bays.
- **Marine:** Submarines, ships, vessels, engine rooms, magazine rooms-crew compartments and control rooms.
- **Air:** All types of aircraft.

Specifications

Gas discharge: 100% Nitrogen

Dimensions:

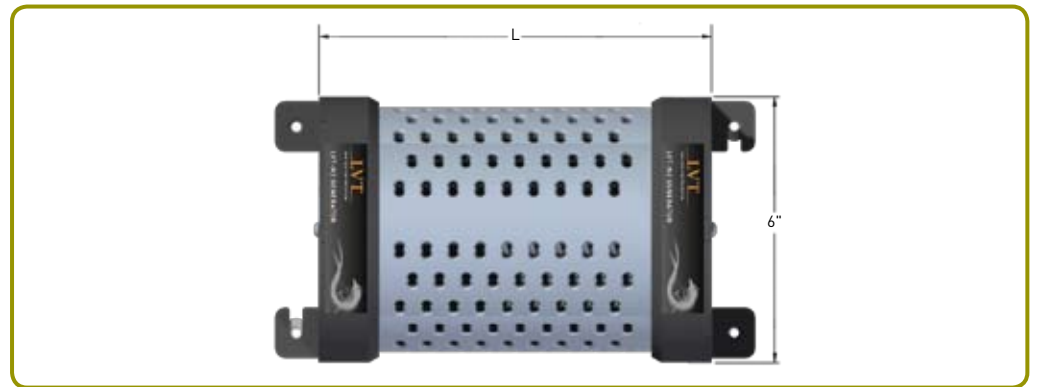
Diameter: 6"

Lengths: 6", 10", 12", 20", 24"

Nominal Length#	Weight		Protected Volume (*)	
	[Kg]	[Lb]	[m ³]	[Ft ³]
6"	2.9	6.4	2.5	90
10"	4.0	8.8	3.7	130
12"	4.7	10.4	4.3	152
20"	6.2	13.7	7.4	260
24"	8.5	18.7	8.6	304

(*)Protected volume (to reach to 16 % oxygen level)

All measurements given are in millimeters



Discharge time for explosion Suppression:	Less than 100 milliseconds
Discharge time for Fire extinguishing:	Up to one minute
Protection Rating:	At least IP 66
Shelf Life:	Twenty years
Toxicology Level:	Non toxic
Voltage:	12~24 VDC
Current:	1.5 Ampere

Patented product

Specifications subject to changes | REV June 2010