

N2 GENERATORS

DESIGNED TO PROTECT

TELECOMMUNICATIONS AND IT

Our clean, quiet technology poses no threat to valuable electronics.

INDUSTRIAL: OIL & GAS, MINING, AND MORE

Provides protection against Class B fuel fires and Class A material fires, with no frustrating post-discharge cleanup required.

MUSEUMS, ART GALLERIES, RECORD STORAGE AREAS

N2 Generators can be installed discreetly. The nitrogen gas released poses no threat to sensitive materials such as paintings and old documents.

MEDICAL FACILITIES, NURSING & RETIREMENT HOMES

Safe for occupants in poor health or with less mobility who are unable to evacuate.

SHIPBOARD

Reliable Class A and B fire protection with no HF decomposition gas exposure hazard to post-discharge inspection personnel.

AIRCRAFT

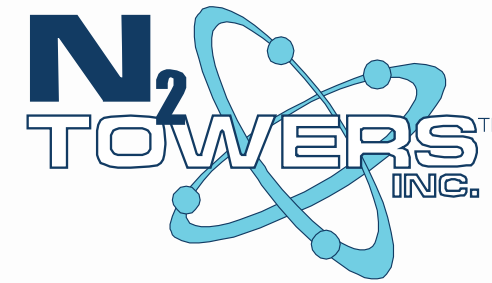
Flexible installation options provide unique capabilities for many aviation applications, including cargo bays, hidden areas, other dry bays and engine nacelles.

TRAINS AND BUSES

Ideal for engine compartment protection.

MILITARY ARMORED VEHICLES

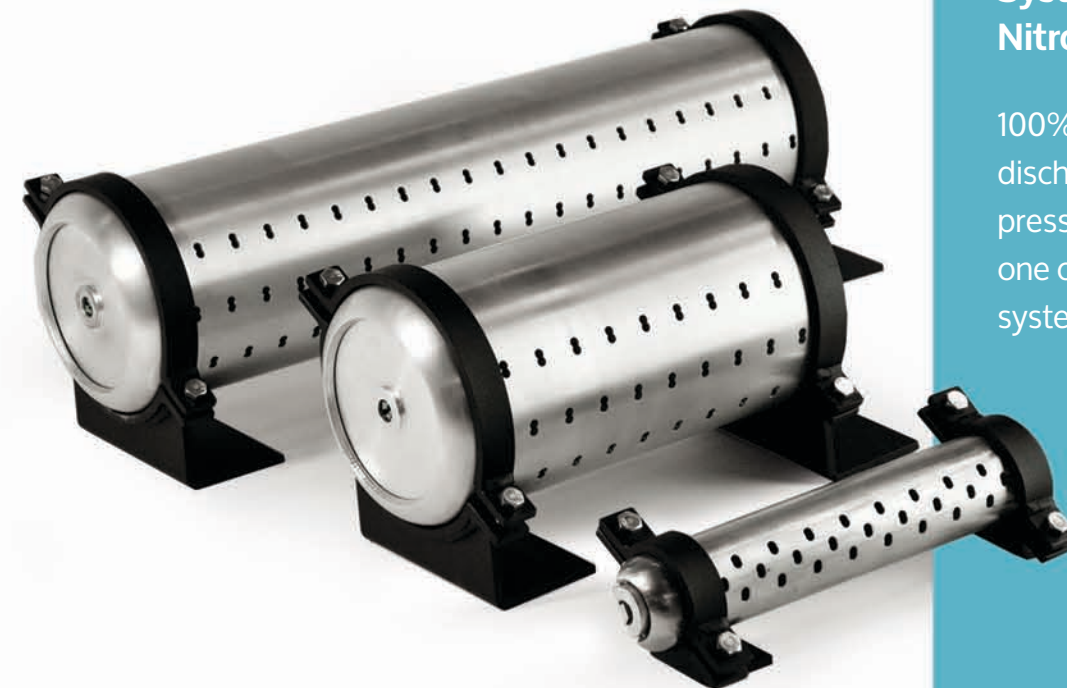
Independent US Laboratories have confirmed that N2 Generators increase the margin of survivability inside armored vehicle crew compartments either during a false discharge or while under actual attack.



N2 Tower Fire Suppression Systems
The Newest Technology in the
Asset Fire Protection Industry



Working in Tandem with N2 Generators



Inert Gas Generator
Explosion & Fire Suppression
Systems. Producing Clean
Nitrogen Gas.

100% Environmentally friendly
discharging, creates minimal room
pressure during discharge and is
one of the quietest clean agent
systems in the world.



Approved by US EPA
for Occupied Spaces



Approved by US
Department of Transportation

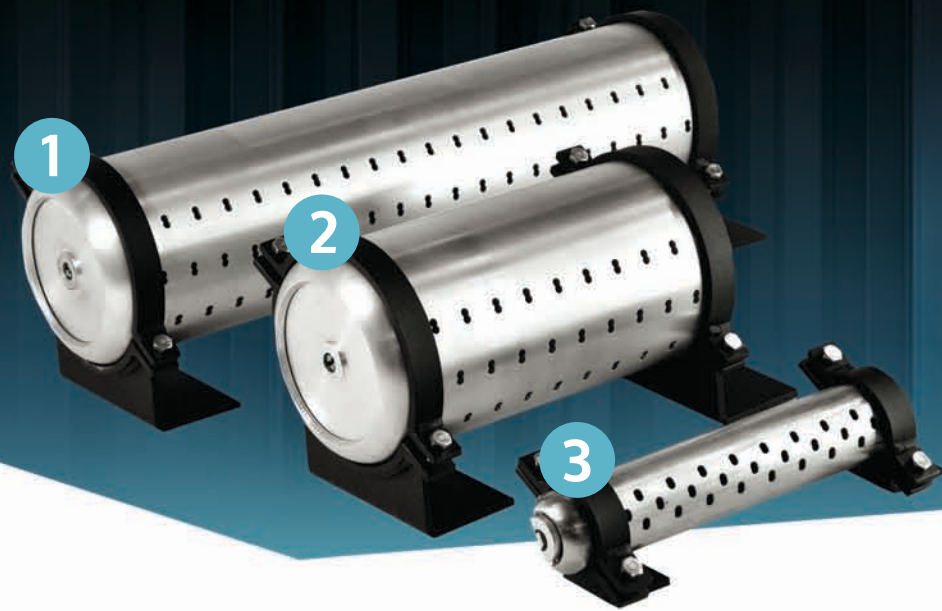


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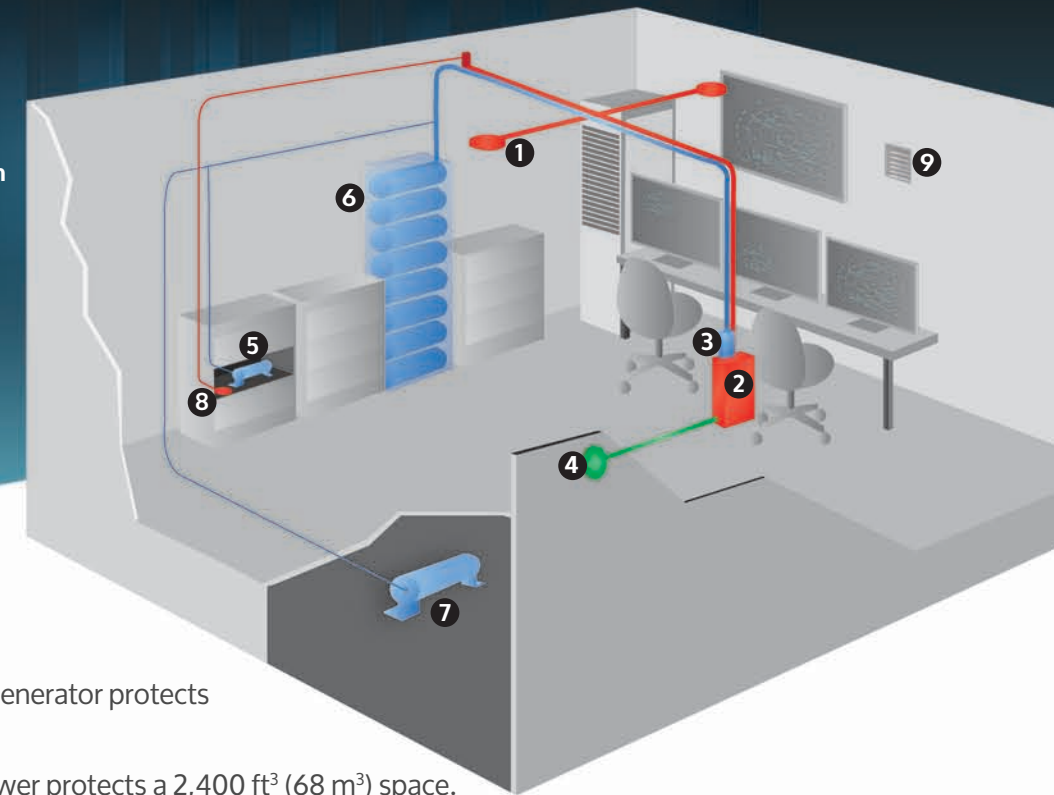


N2 GENERATORS

- 1 Suppression Coverage: 440 ft³ (12.5 m³)
Dimensions: 6" X 24" (15.2 cm x 60.9 cm)
- 2 Suppression Coverage: 220 ft³ (6.2 m³)
Dimensions: 6" X 12" (15.2 cm X 30.5 cm)
- 3 Suppression Coverage: 15 ft³ (0.5 m³)
Dimensions: 2" X 14" (5.1 cm x 35.6 cm)

N2 Tower Fire Suppression System

- 1 Smoke Detectors
- 2 Control Panel
- 3 N2 sequence module
- 4 Alarm
- 5 N2 Generator first stage local application
- 6 N2 Tower Second stage total flood
- 7 N2 Generator sub floor total flood
- 8 Server cabinet smoke detector
- 9 Mechanical Damper, room pressure to open spring to close



N2 TOWER

One 6" X 24" (15.2 cm X 60.9 cm) N2 Generator protects 440 ft³ (12.5 m³) space.

Six N2 Generators stacked in an N2 Tower protects a 2,400 ft³ (68 m³) space.



With three different N2 Generator sizes any space can be protected
Minimum 15 year service-free shelf life
& 100% lifetime leak proof guarantee.

HOW IT WORKS ?

- 1 Solid nitrogen propellants are stored inside compact N2 Generators.
- 2 Fire or Explosive Fire is detected.
- 3 Clean nitrogen gas is released.
- 4 Fire is extinguished in less than a minute. Explosive fire is extinguished in less than 150 milliseconds.
- 5 Oxygen levels remain safe for occupied spaces, with no discharge residue or cleanup required.

N2 Generators are stacked vertically to a height of 1 per ft (30.5 cm) inside an N2 Tower, to reduce the floor footprint of space used.

N2 Generator discharges do not create dangerous Hydrogen Fluoride (HF) decomposition gases, when exposed to an open flame.

Easy to Design

$$\frac{\text{TOTAL ft}^3 / \text{m}^3 \text{ OF PROTECTED SPACE}}{\text{TOTAL ft}^3 / \text{m}^3 \text{ PROTECTED BY ONE GENERATOR}} = \text{TOTAL NUMBER OF GENERATORS REQUIRED}$$

No discharge piping or pressurized gas cylinders required