



# Amerex Defense

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## High Speed Extinguisher

for Crew Compartment Automatic Fire/Explosion Protection Systems

The Amerex Extinguishing Cylinder is specifically designed for Military Tactical and Combat Vehicle Systems.

The cylinders contain environmental friendly fire suppression agent HFC 227 with scrubbing agent Sodium Bicarbonate (BC). The special design of the cylinder's valve and associated discharge tube & nozzle (not shown) enables rapid and homogenous dispersion of the suppression agent in the protected area.

Cylinders are available in various capacities, conform to DOT standards, include safety devices such as safety relief valve and anti-recoil device.



### Main Features

- High Speed Response - Less than 5 milliseconds
- Unique Valve Design no moving parts
- Hermetically Sealed Valve
- Fast Release to Distribution
- Optional Flow Switch available for Discharge Indication
- Visual Pressure Gauge
- MS28889-2 Fill Valve
- High Reliability
- MTBF Minimum 100,000 Hours
- Tested for Demanding Military Use

### Control Specifications

Specifications	
EXTINGUISHING AGENT	HFC227 (Trade Name FM200 ®)
SCRUBBING AGENT	Sodium Bicarbonate (10% by weight)
CAPACITY	VARY BY PROGRAM REQUIREMENTS
SUPERPRESSURIZATION	Dry Nitrogen per BB-N-411
OPERATING PRESSURE	900psi
VALVE OPERATION	Electrical Squib
OPERATION TIME	~5 Milliseconds
HEIGHT (IN.)	21 (large capacity cylinder)
DIAMETER (IN.)	6.3
WEIGHT (LB.)	23 (large capacity - filled)
CYLINDER TYPE	Steel 3AA
COATING	FED-STD-595 RED
OPERATING TEMPERATURE	-60°F(-51°C) TO 160°F(71°C)

ACCESSORIES	
CYLINDER SIMULATOR	19445



NOZZLES	
360°	20205
180°	20706

Nozzles are designed to reduce discharge forces for increased crew safety.