



Portable CAFS Technology

Portable Fire Extinguishers use
technology that is now decades
OLD.

It is time for something new.



enforcer ONE

What Is CAFS and How Does it Work With Enforcer?

In order to understand a “Modern Day CAFS System” we need to look at the sum of the parts. A CAFS system in theory and principal is comprised of the following critical elements.

- **First is Water.** - Water carried in the Solution Tanks of the Enforcer units.
- **Second, is Foam.**- The foam concentrate/water solution is pre-mixed in the solution tank at 3 percent. A 3 percent mixture means the solution tank is carrying 97 percent water and 3 percent foam. Enforcer One recommends the use of **FireAde**[®]
Don't fight fires ... extinguish them!TM
- **Third is Air.**- Air is introduced into the fire stream creating large amounts of expansion. This highly expanded foam is what is commonly referred to as CAFS.

What are the Benefits of Using a CAFS Extinguisher?

- **CAFS improves operator safety with longer discharge ranges.**
- **Improves the efficiency of plain water by five to seven times.**
- **Provides faster means of fire knockdown.**
- **Offers a rapid reduction in heat.**
- **Requires less water.**
- **Provides lighter and more manageable hose lines.**
- **Reduces property damage.**
- **CAFS attracts unburned hydrocarbons (smoke) making for a cleaner, safer fire ground.**
- **Reduces over-haul, mop-up, and rekindles.**
- **Exposure Protection.**
- **Faster easier cleanup than Dry Powder.**
- **Limited runoff, resulting in a more environmentally friendly extinguishment method.**

Benefits of Enforcer Brand CAFS

- **Enforcer CAFS Systems have a Longer Discharge Range than other CAFS Brands.**
- **All Aluminum and Stainless Tanks used in Construction**
- **Regulator Pre Set (No Need to Adjusts when Charging)**
- **Expansion Pre Set to work great on Class A and B fires**
- **All Working Parts and Gas Cylinders Enclosed and Protected**
- **Gauges Enclosed in Panel**
- **Functional Designs to Fit any Need**
- **Quality Parts and Sealants used in Construction**
- **Designed to Mitigate Galvanic Corrosion Issues**
- **Can be Manipulated for Various Uses/Discharge**
- **Redundant Safety Systems Built In**

Enforcer One Models



Enforcer 3



Pre-mix Solution: 3 US Gallons

Standoff Distance: Up to 45 Feet

Finished Foam Capacity: Up to 60 US Gallons

Discharge Duration: Up to 1 Minute

Operating Pressure: 150 psi

Propellant : N2 cylinder: 12 cubic feet @ 2000 psi

Dimensions:
H: 22.5 inches
W: 13 inches
L: 8.25 inches

Empty Weight: 23lbs
Loaded Weight: 48lbs



Enforcer 3

Backpack

Enforcer **ONE**



Pre-mix Solution: 3 US Gallons

Standoff Distance: Up to 45 Feet

Finished Foam Capacity: Up to 60 US Gallons

Discharge Duration: Up to 1 Minute

Operating Pressure: 150 psi

Propellant : N2 cylinder: 12 cubic feet @ 2000 psi

Dimensions:

H: 22.5 inches

W: 13 inches

L: 8.25 inches

Empty Weight: 23lbs

Loaded Weight: 48lbs



Enforcer 10



Pre-mix Solution: 10 US Gallons

Standoff Distance: Up to 45 Feet

Finished Foam Capacity:
Up to 200 US Gallons

Discharge Duration: Up to 2 ½ Minutes

Operating Pressure: 150 psi

Propellant : N2 cylinder: 33 cubic feet or SCBA

Dimensions:

H: 22 inches

W: 22 inches

L: 26 inches

Empty Weight: 95lbs

Loaded Weight: 175lbs

U.L. 711 20B Rated



Enforcer 30 Skid



Pre-mix Solution: 30 US Gallons

Standoff Distance: Up to 45 Feet

Finished Foam Capacity: Up to 600 US Gallons

Discharge Duration: Up to 7.5 Minutes

Operating Pressure: 150 psi

Propellant : N2 cylinder: 33 cubic feet or SCBA

Dimensions:
H: 32 inches
W: 30.5 inches
L: 26 inches

Empty Weight: 136lbs
Loaded Weight: 388lbs



U.L. 711 10A and 60B Rated

Enforcer 30



Pre-mix Solution: 30 US Gallons

Standoff Distance: Up to 75 Feet

Finished Foam Capacity: Up to 600 US Gallons

Discharge Duration: Up to 3 Minutes

Operating Pressure: 150 psi

Propellant : N2 cylinder: One 90 cubic feet or SCBA

Dimensions:
H: 38.5 inches
W: 42 inches
L: 54.5 inches

Empty Weight: 407lbs
Loaded Weight: 677lbs



U.L. 711 10A and 60B Rated

Enforcer 60 Skid



Pre-mix Solution: 60 US Gallons

Standoff Distance: Up to 95 Feet

Finished Foam Capacity: Up to 1200 Gallons

Discharge Duration: Up to 6 minutes

Discharge Hose: 50 feet of 1" Lay Flat Hose

Discharge Nozzle: 1" Pistol Grip

Operating Pressure: 150 psi

Propellant: N2 cylinder: Two 90 cubic feet or SCBA

Dimensions
H: 32 inches
W: 35 inches
L: 50 inches

Empty Weight: 238lbs
Loaded Weight: 747lbs



U.L. 711 10A and 60B Rated

Enforcer 60



Pre-mix Solution: 60 US Gallons

Standoff Distance: Up to 95 Feet

Finished Foam Capacity: Up to 1200 Gallons

Discharge Duration: Up to 6 minutes

Discharge Hose: 50 feet of 1" Lay Flat Hose

Discharge Nozzle: 1" Pistol Grip

Operating Pressure: 150 psi

Propellant: N2 cylinder: Two 90 cubic feet or SCBA

Wheels: 15.5" Flat Free Wheels

Dimensions

H: 38.5 inches

W: 42 inches

L: 54.5 inches

Empty Weight: 485lbs

Loaded Weight: 985lbs



U.L. 711 10A and 60B Rated

Enforcer 200



Pre-mix Solution: 200 US Gallons

Standoff Distance: Up to 120 Feet

Finished Foam Capacity: Up to 4000 Gallons

Discharge Duration: Up to 20 minutes

Discharge Hose: 300 feet of 1" Booster Hose and 50 Feet of 1.5" Lay Flat Hose

Discharge Nozzle: 1" Pistol Grip and 1.5" Pistol Grip

Operating Pressure: 150 psi

Propellant: Two 300 cu. ft. Nitrogen Cylinders or SCBA Cascade

Dimensions

H: 45 inches

W: 44 inches

L: 98 inches

Empty Weight: 1200lbs

Loaded Weight: 2800lbs



U.L. 711 10A and 60B Rated

TM-57 Enforcer



Specs On the Truck

Length: 135 Inches

Width: 70 Inches

Height: 67 Inches

Wheel Base: 101 Inches

Payload: Up to 2500Lbs

Dry Weight: 2250Lbs



TM-57 Enforcer



Specs On the Truck

Continued

Brakes: 4 Wheel Power Assisted Disc Brakes

Transmission

- Automatic 'V' Belt CVT
- Final Drive
- High-Low-Reverse Transfer Case
- Differential Lock

Engine

- Kohler Diesel
- 1400cc
- Naturally Aspirated
- 4 Cylinder
- Liquid Cooled

Suspension

- 4 Wheel Independent
- Fox Podium Shocks
- Adjustable Duel Coil Over Gas- Hydraulic Shocks
- Pneumatic load Compensators
- 13" Travel, 15" Ground Clearance



TM-57 Enforcer



Equipment Specs

Pre-mix Solution: 60 US Gallons

Standoff Distance: Up to 85 Feet

Finished Foam Capacity:
Up to 1200 Gallons

Discharge Duration: Up to 15 minutes

Discharge Hose: 100 feet of 1" Booster Hose and 70 Feet of 1/2" Booster Hose

Discharge Nozzle: 1" Pistol Grip and Pistol Grip Trigger

Operating Pressure: 150 psi

Propellant: Two 90 cu. ft. Nitrogen Cylinders or SCBA

Storage:

- 1x Front Cargo Rack/Stokes Storage
- 2 x Lockers
- 1 Storage Tray



TM-57 Enforcer



Lighting/PA/Utility

Lighting

- Whelen Legacy Light Bar with Forward Facing Flood
- Whelen Pioneer Plus Flood Light on Telescoping Pole
- 4x4" Forward Flood Lights
- Rear Lights and Turn Signals

Public Address & Sirens

- Whelen WSSPA30 Self Contained Siren/Speaker with Public Address
- Air Horn

Utility

- Side and Rear View Mirrors
- 4500Lb SuperWinch
- High-Lift Jack
- Tow Bar
- Tow Hitch
- Field Repair Bag



TM-57 Enforcer



Occupant Safety

- Fully welded roll cage and frame. ROPS certified (Life Time Guarantee)
- Low seating angle for maximum occupant restraint
- Four Point Safety Harnesses.
- Aircraft grade aluminum skid plate protects the underside of the vehicle. (Front to Rear)
- Very Low Center of Gravity to Reduce Roll Over.



Enforcer Small Package



If space is limited we have a third way of building the Enforcer Equipment. We are able to offer the customer a package of a tank with all appropriate parts. The installation, sizing of air and discharge hose/outlet will be determined and completed by the customer.



Enforcer Custom

Enforcer One has the ability to create custom CAFS for every application.

Enforcer One builds custom CAFS designs from 3 Gallons to 500 Gallons in a variety of shapes, sizes, and control configurations.

Enforcer One fabricators have over 60 years' experience in the fabrication business with majority of it working on custom/prototype development.



Options

- Can be configured to use 2216 psi & 4500 psi SCBA Cylinders. (10,30,60, & 200)
- Adapter for filling of Smaller N2 Cylinders with SCBA Compressor/Cascade.
- 30, 60, 200 can have add on of 1/2" Discharge
- Pull Cart for 30 & 60
- Covers
- 30 & 60 have 1" Booster Reels Available
- Additional Hose, Nozzles, Cylinders

Option Pictures



Mounting Use Ideas



User Friendly

- 2-3 Step Operation
- All Working Parts Protected by Design
- Larger units on wheels, designed to be forklift friendly, or mounted on a truck
- Easy to use, similar operation to Cartridge-operated or Wheeled Dry Chemical Extinguisher
- Effective on class A,B,D,K
- Environmentally Friendly Agent
Non-Toxic, Non-Corrosive, Biodegradable

FireAde[®]

Don't fight fires ... extinguish them![™]

Advantages

- More effective than Dry Powder
- Attacks all sides of the Fire Tetrahedron
- Greater stand-off distance than Dry Powder (Safety for End User)
- Lower operating temperature than traditional Wet Chemical Extinguishers
- More compact and mobile than traditional Foam Systems
- Easy to use
- Easily refilled by the end user



Possible Applications

- Industry
- Petro Chemical
- Agriculture
- Power Utility
- Mining
- Airport Hangers/Flight Lines
- Fire Departments
- House/Ranch
- Boat
- Military

Questions





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Thank You