

**FL** Series



**BEAVER TECHNOLOGY SERVICES**  
PTY LIMITED PART OF THE BEAVER GROUP

## **Frame Less Compressed Air Foam Systems**

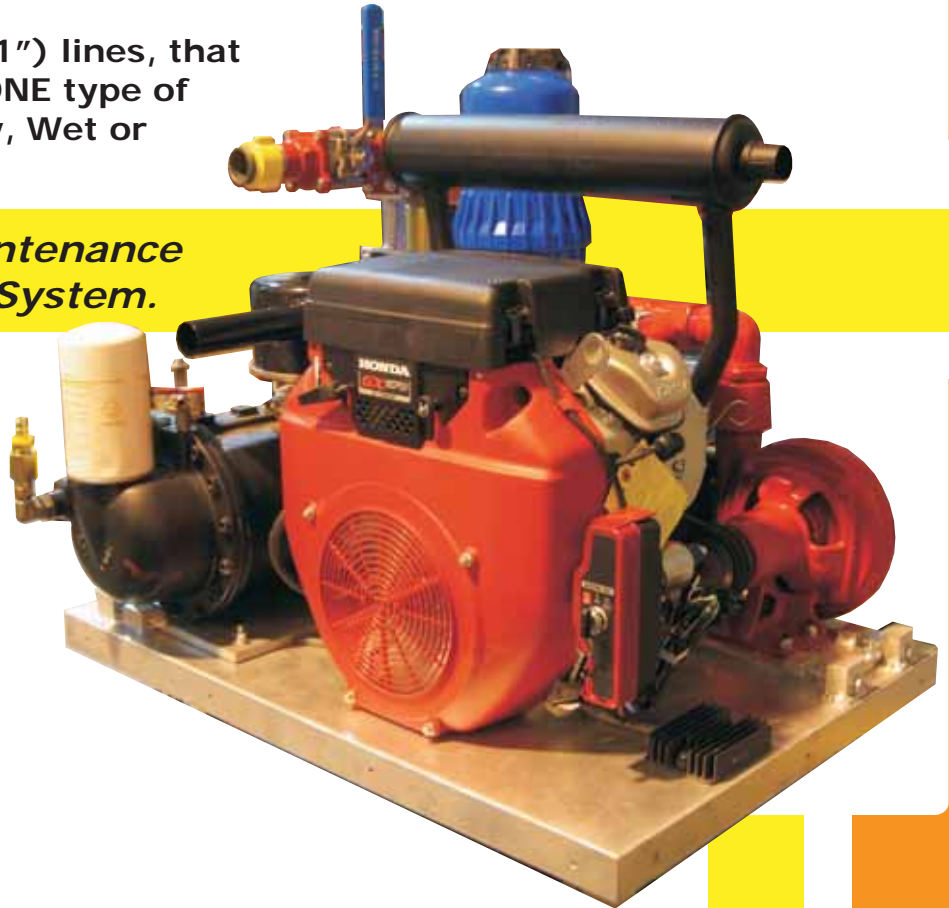
***A simple, lightweight easy to use C.A.F. System.***

Provides 1 (1-1/2") or 2 (1") lines, that are factory set to deliver ONE type of Compressed Air Foam (Dry, Wet or Superwet) or Gels.

***A reliable and low maintenance Compressed Air Foam System.***

***Easy to Operate***

***Easy to Maintain***



**Used for:**

- Wild land Fire Fighting
- Structure protection
- Standby systems
- Industrial applications
- Rapid Response

**Compatible with:**

**Class A Foams**

**Class B Foams**

**Gels**

**FL** Engine, Water pump & Air Compressor

**FL 90 - 40 D D**

**FLP** Engine & Water Pump NO Air Compressor

Foam Type; Line #2

Foam Type; Line #1

Water Pump Capacity

Air Compressor Capacity

Part #	Model	Specifications
800300	FL90-40D	D One 1-1/2" Dry Foam Line
800301	FL90-40W	W One 1-1/2" Wet Foam Line
800302	FL90-40S	S One 1-1/2" Superwet Foam Line
800303	FLP90G	G One 1-1/2" Gel Line - No Air Compressor
800304	FL90-40DD	DD Two 1" Dry Foam Lines
800305	FL90-40WW	WW Two 1" Wet Foam Lines
800306	FL90-40SS	SS Two 1" Superwet Foam Lines
800307	FLP90GG	GG Two 1" Gel Lines - No Air Compressor

**Options**

Part #	Description
854001	Hose Tray, 1-1/2" x 100 ft Flat line
854002	Hose Tray, 1" x 100 ft Flat line

**Specifications:**

**Engine:**  
Honda 23 hp @ 3600 rpm, Gasoline, Air Cooled

**Water Pump:**  
90 gpm @ 100 psi, Single Stage Centrifugal

**Air Compressor:**  
Rotary Screw 40 SCFM, with Heat Exchanger

**Chemical Injector:**  
42 gpm Injector, 0.2 to 2.0% Class A Foams  
42 gpm Injector, 1.0 to 5.0% Gel's and Class B Foams



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Model **NXG 125-060**

The Next Generation Compressed Air Foam System

## C.A.F.S. Plus!

With the "**Quick Start**" single step operation, start the system and **GO!**

Fully computer automated control system with preset foam injection system.

- Fight with Class A Foams, Class B Foams, Aspirated Foam or Water.
- Protect structures with GEL or Class A "Dry" foam.



The **NXG 125-060** is engineered to be simple, rugged, easy to learn, and easy to use. The **NXG** system is the result of years of research and feedback from firefighters around the world who use Compressed Air Foam Systems.

Configure the **NXG 125-060** the way you want it!

- Simplify operation. The outlets are preset by the factory to deliver your specified types of foam and/or gel.
- Easy to use. Turn the system on. The computer automatically prepares, starts and monitors the system. In most cases that's all you do, the **NXG 125-060** is now ready to deploy.



**NXG 125-060** is suitable for use in Wild lands, Forestry, Construction sites, Vehicle Accidents, Residential Protection, Lodges/Remote locations and general Rural Urban Interface.



# Model **NXG** 125-060

## The Next Generation Compressed Air Foam System Class A Foam Configurations

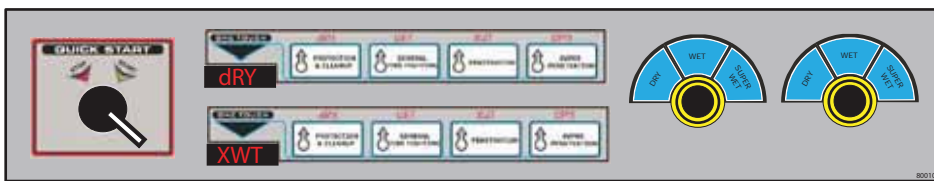
Each NXG system normally comes with two 1-1/2" panel outlets. A few Models may come with three 1-1/2" Panel outlets. Each outlet is preset by the factory to delivery a certain type of foam (dry, wet, super wet, water or gel).

Tuff Built Products' patented OneTouch technology is offered on some Models. OneTouch allows the pump operator to choose between three different types of foam on a single outlet by simply flicking a switch. The pump operator will have Dry, Wet or Superwet foam available on any panel outlet equipped with OneTouch.

### NXG 125-060 Compressed Air Foam System

Part# 800100

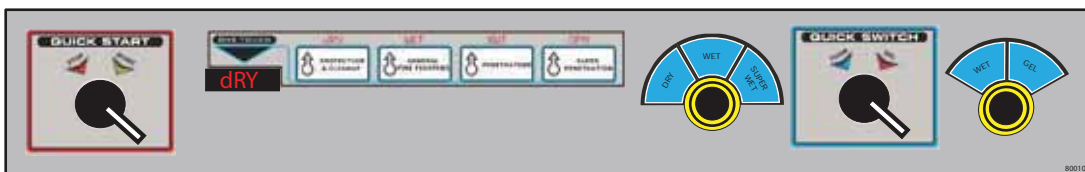
Two 1-1/2" (38mm) OneTouch C.A.F. Outlets with three (3) foam presets.



### NXG 125-060 Compressed Air Foam System

Part# 800101

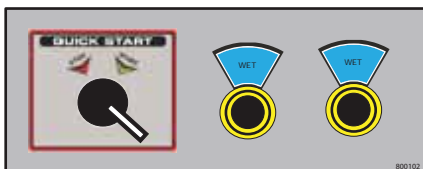
One 1-1/2" (38mm) OneTouch C.A.F. Outlet with three (3) foam presets.  
One 1-1/2" (38mm) "WET" foam or "GEL" Outlet



### NXG 125-060 Compressed Air Foam System

Part# 800102

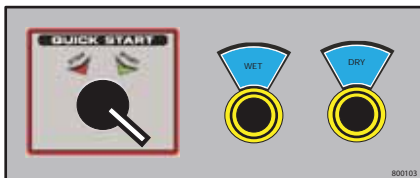
Two 1-1/2" (38mm) "WET" C.A.F. Outlets.



### NXG 125-060 Compressed Air Foam System

Part# 800103

One 1-1/2" (38mm) "WET" C.A.F. Outlet.  
One 1-1/2" (38mm) "DRY" C.A.F. Outlet.

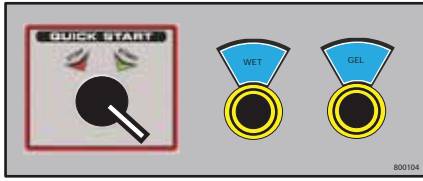


### Outlet Specifications;

- **GEL:** for long term structural protection.
- **DRY:** for short term structural protection.
- **WET:** for normal fire fighting.
- **SUPER-WET:** for extra penetration, ie; wild land, grass, brush fire.
- **WATER:** Plain water, no concentrate.

### NXG 125-060 Compressed Air Foam System

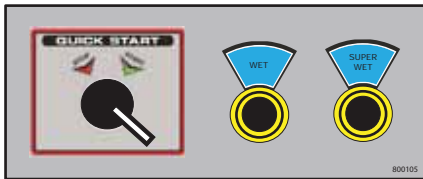
One 1-1/2" (38mm) "WET" C.A.F. Outlet  
One 1-1/2" (38mm) "GEL" Outlet.



Part# 800104

### NXG 125-060 Compressed Air Foam System

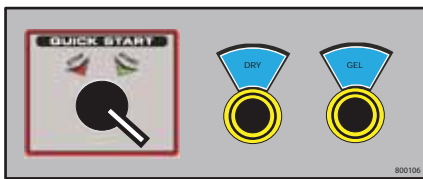
One 1-1/2" (38mm) "WET" C.A.F. Outlet.  
One 1-1/2" (38mm) "SUPER-WET" C.A.F. Outlet.



Part# 800105

### NXG 125-060 Compressed Air Foam System

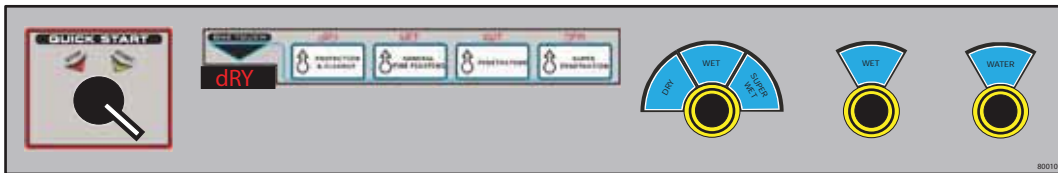
One 1-1/2" (38mm) "DRY" C.A.F. Outlet  
One 1-1/2" (38mm) "GEL" Outlet.



Part# 800106

### NXG 125-060 Compressed Air Foam System

One 1-1/2" (38mm) OneTouch C.A.F. Outlet with three (3) foam presets  
One 1-1/2" (38mm) "WET" C.A.F. Outlet.  
One 1-1/2" (38mm) Water Outlet.



Part# 800107

#### C.A.F.S. Output

Quantity: Two 1-1/2" Lines  
Output/line: 400 gpm (8:1 expansion ratio)  
Max. Pressure: 125 psi

#### Water Pump:

Single stage centrifugal  
Rated capacity: 125 gpm @ 100 psi

#### Air Compressor:

Rotary Screw  
Rated Capacity: 60 SCFM

#### Engine:

Daihatsu 4 cyl. Turbo Diesel  
Rated capacity: 34 hp @ 3600 rpm

#### Dimensions

Depth 38 in (965mm)  
Width 38 in (965mm)  
Height 28 in (711mm)  
Weight 400 lbs (182kg)  
(May vary according to configuration.)

specifications are subject to change with out notice.



# Model **NXG** 125-060

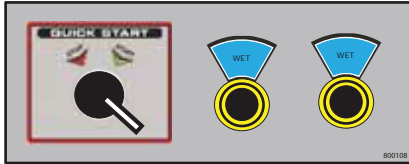
## The Next Generation Compressed Air Foam System Class A & Class B Foam Configurations

### NXG 125-060 Compressed Air Foam System

Part# 800108

#### Class B Foam Only

Two 1-1/2" (38mm) "WET" C.A.F. Outlets.

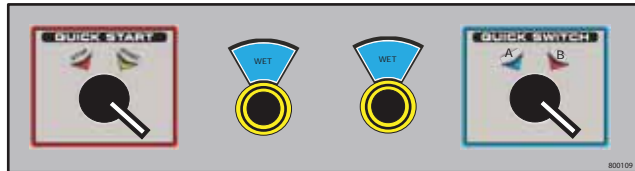


### NXG 125-060 Compressed Air Foam System

Part# 800109

Two 1-1/2" (38mm) "WET" C.A.F. Outlets.

Class A / B Foam Switch



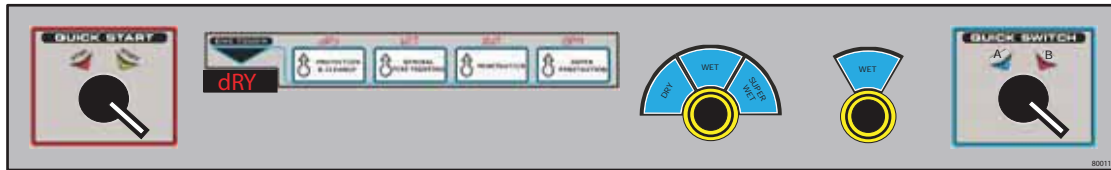
### NXG 125-060 Compressed Air Foam System

Part# 800110

One 1-1/2" (38mm) OneTouch C.A.F. Outlet with three (3) foam presets.

One 1-1/2" (38mm) "WET" C.A.F. Outlet.

Class A / B Foam Switch



### NXG 125-060 Compressed Air Foam System

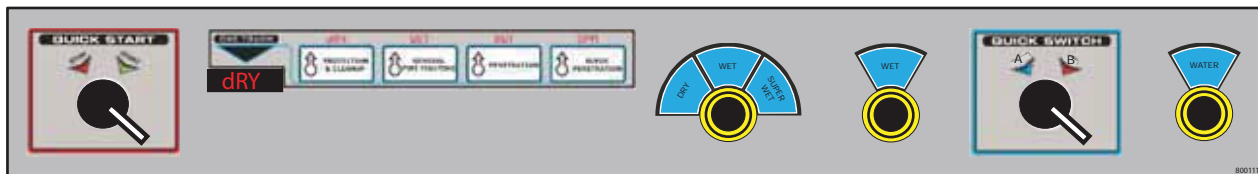
Part# 800111

One 1-1/2" (38mm) OneTouch C.A.F. Outlet with three (3) foam presets.

One 1-1/2" (38mm) "WET" C.A.F. Outlet.

One 1-1/2" (38mm) Water Outlet.

Class A / B Foam Switch.



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Distributor:

# Stored Energy Compressed Air Foam System



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Stored Energy Compressed Air Foam Systems provide the powerful fire knockdown of a full Compressed Air Foam System in a small and inexpensive package. Power can be provided by an SBCA bottle, Nitrogen Bottle, or by Shop air if available. For peace of mind wherever a fire extinguisher just isn't enough.

- Rescue Trucks
- Airports
- Heli-pads
- Parking Garages
- ATV's
- Paramedic Vehicles
- Plant C.A.F. Systems
- Repair shops
- HAZMAT Trucks
- Industrial Applications



**Easy to Operate**



**Easy to Maintain**

Calibrated Manual Chemical Injection pump

All units built to ASME certification standards.

Tanks are composite construction, making them 60% lighter than steel tanks.

Tanks are corrosion-resistant both inside and out.

Safety Factor of 5:1 on Top & Bottom Flanges, with a minimum burst pressure at 750 psi

**Compatible with Class A, B, & AFFF Foams**

# Stored Energy Compressed Air Foam System

## Available Unit Configurations

Part#	Model	Capacity
800201	SE45	45 Gallon
800202	SE60	60 Gallon
800203	SE100	100 Gallon
800204	SE120	120 Gallon
800205	Se260	260 Gallon

## Standard with all units;

- Calibrated Manual Chemical Injection Pump (no need to measure foam going into tank)
- Water Fill valve
- 150 psi pressure Relief Valve
- 1" Discharge valve
- Powder Coated Steel frame (High Visibility Yellow Std)
- All plumbing 304 stainless Steel

## Available Options:

Part#	Description
853000	Hose Tray 1" x 50 ft Flat Line
853001	Hose Tray 1" x 100 ft Flat Line
853002	Hose Reel, 1" x 50 ft (Manual)
853003	Hose Reel, 1" x 100 ft (Manual)
853004	Wheeled cart / frame
853005	Aluminium Frame
853006	SCBA Bottle*

\*(Specifications to conform to customer requirements)

Available in custom configurations.



Shown is a SE260 SECAFS used for fire protection of a 1 mile lift system.

The system consist's of;

- 264 gallon fibreglass composite pressure vessel. (ASME Cert.)
- 110 V Air Solenoid (hooked up to shop air, also wired in with thermal sensors.
- 1-1/2" CAFS discharge outlet.
- Two (2) 1/2" 150 psi pressure relief valves.
- Custom Two (2) Boom Discharge system



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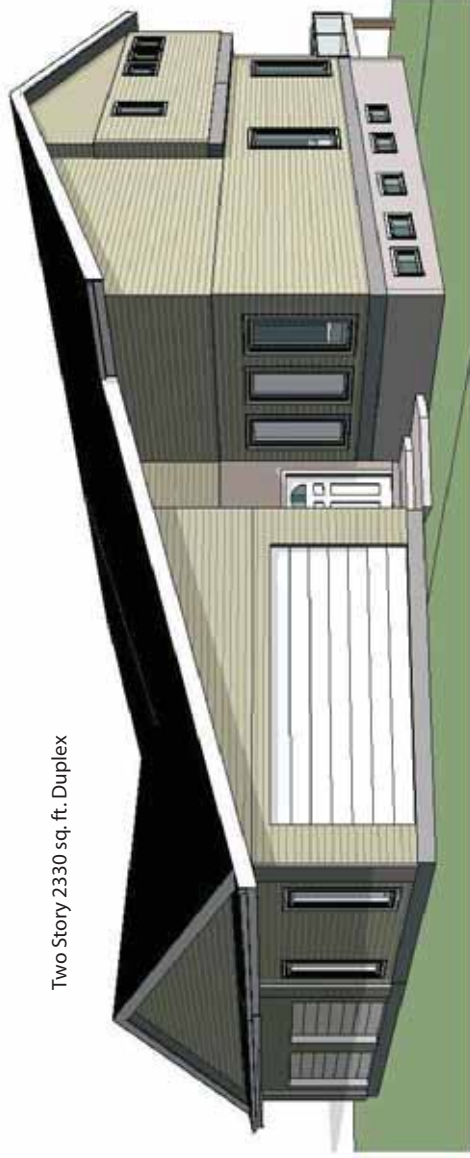


Distributor:



The DF System is a versatile fire protection system for property protection.

Two Story 2330 sq. ft. Duplex



The DF System is ideal for remote or isolated areas where local response times may be long. With an easy to start system, with the turn of a key you are ready to protect your property. The foam settings are easily adjustable so you can have the right foam for the right job.



**Hydrant Systems:**

Pressurized or Dry Hydrants (pressurized hydrants will require a "Pressure Balance" circuit.)



**Pools:**

**In or Above Ground Pools**

If water supply is limited a suction hose can be dropped into pools for fire fighting.



**Buried Tanks:**

**Fiberglass or Poly-Tanks**

A 500 to 10,000 US gallon tank can be buried on site.



**Bladder Tanks:**

**Self supporting tanks**

"Pillow case" shaped.

A 1,300 to 79,000 US gallon tank can be dropped on site and filled.



**Streams and/or Lakes:**

The stream or lake can be the primary water source, or it can be used to fill Bladder tanks.



**Tanks Trucks:**

If no existing water source is available, water can be trucked in to fill Bladder tanks that have already been set up.

WATER SUPPLY

**Compressed Air Foam System  
Single or Dual line Systems**



**Hose Reel:**

The CAFS outlets on the unit can be hooked up to a reel, for rapid deployment of hose, as well as easier clean up.



**Flat Hose:**

The CAFS outlet on the units can be hooked up to standard fire fighting flat hose. Flat hose can quickly and easily be deployed, and extended thus increasing the protection area.



**Trailer / Cart:**

The CAFS unit can be mounted to a trailer or a cart for mobile fire fighting, as long as a water source is in the area.

