



SPECIFICATIONS

Porta-CAFS™ is a portable compressed air foam system that produces compressed air foam utilizing new technology brought to you by Firematic International.

Porta-CAFS has the following advantages:

- Provides firefighters with the first simple, easy to use CAFS system.
- Keep fire fighters at a safe distance with 90' reach
- Minimize exposure to fire fighters and property damage at the fire scene with 3 to 5 times faster knock down than water alone.
- Make excellent use of limited water supply with the 20:1 foam to water ratio
- Fight fire more effectively with foam by reducing the surface tension of water, providing longer drain times, allowing deeper penetration
- Use 90% of the fire-fighting stream instead of just 10% of the stream with water alone.
- Cool and reduce the air around the fire with foam, diminishing oxygen supply to the fire.
- Blanket a structure or wildlife in the face of a wildfire with a protective layer of fire resistant foam.
- Suppress dangerous vapors with foam
- Capture sparks and suspended embers with foam.
- Use less overall manpower for overhaul due to pre-soaking which naturally occurs during initial attack with foam.
- Improve response time by utilizing tank water instead of needing to set up at the hydrant and run supply lines.
- Maintain the integrity of the fire scene using environmentally safe foam instead of highly destructive water.
- Reduce scene run-off of potential carcinogens and debris.
- Reduces cost burden of CAFS to fire departments to \$5 per CFM (cubic ft. per minute) of foam produced from traditional systems costing up to \$200 per CFM of foam.



Unit Description

All units include choice of either Red Max EB7000 Blower or Echo PB750 Blower, Porta-CAFS Nozzle with tip insert set, 10' Leader hose with 1" to 1-1/2" Adapter OR 1" NPSH Valve fitting

Red Max EB7001 Backpack blower

Extra Large dual, foam & paper *FreshFlow™* Filter System
Exclusive, Patent Pending *FreeFlow™* Non-clog Air Intake
Extra-Large Diameter Blower Tubes for Leaf & Debris Movement
Air-Conditioned, Full size, Contoured Back Pack for Operator Comfort
EPA Phase I Certified
Engine: Pro-G26L
Engine Displacement: 62.0 cc
Carburetor: Diaphragm with Purge Pump
Ignition System: Solid State
Fuel Capacity: 4.43 pints
Dry Weight: 21.1 lbs.
Air volume: 855 cfm
Air speed: 205 mph
Noise level: 75 dB (A)
Warranty: 2 Years by any local Red Max Service Center.

Echo PB750 Blower

Engine Displacement: 63.3 cc
Carburetor: Diaphragm with Purge Pump
Ignition System: Pro-Fire® Electronic Ignition
Fuel Capacity: 69 fl. Oz.
See Thru Fuel Tank
Helper Handle
Dry Weight: 24.4 lbs.
Air volume: 630 cfm
Air speed: 201 mph
Noise level: 73 dB (A)
Warranty: 2 Years by any local Echo Service Center

Nozzle:

Patent Pending Cast Aluminum nozzle with
Integrated schedule 80 stainless steel water/foam solution pipe
Self contained mixing chamber
Tip insert chamber
Elkhart 1" NH On/Off valve
Pressure gauge: 0-300 psi
Discharge tube with performance chart
Cinch strap and clip

Hose:

1" NH ,10' Leader hose OR NPSH Valve fitting.

Adapter:

1" to 1-1/2" NH Adapter OR 1" NPSH Valve fitting.

