Chemguard Foam

Class A & Wetting Agents

Class A Foams/Wetting Agents - Chemguard’s Class A foam concentrate is a mixture of foaming and wetting agents. When proportioned with water it changes the properties of the water, reducing the surface tension and allowing for greater penetration in all Class A fuel and wildland fires. It also gives the water a foaming ability, allowing it to remain and cling to the surfaces without run off. Class A is effective in fighting forest fires and many deep-seated fires such as tires, paper, and wooden structures. Class A Plus works very well with CAFS at ratios 0.5% or greater.

### X-Stream Premium Class A Foam

Chemguard has introduced X-Stream, the first and only premium Class A foam concentrate designed specifically for compressed air foam (CAFS). When mixed with water at concentrations of 0.1 - 1.0%. X-Stream produces a super-thick foam with a significantly longer throw distance that clings to horizontal and vertical surfaces with minimal runoff drastically reducing burnback.

<table>
<thead>
<tr>
<th>Cat#</th>
<th>Description</th>
<th>Benefits</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>BH124</td>
<td>X-Stream Premium A Foam</td>
<td></td>
<td>$21.95/gal.</td>
</tr>
</tbody>
</table>

### First Class Foam Concentrate

The U.S.D.A. Forest Service has approved Chemguard First Class as meeting all of the requirements of U.S.D.A Forest Service specification 5100-307. It has passed NFPA 18 wetting agent standard 2006 Edition. This standard tests the agent at dilution rates of 0.1% to 1.0% for use on Class A fuels. First Class combines excellent wetting characteristics with great foam formation for superior effectiveness on Class “A” Fires. For use in ground trucks, CAF Systems, helicopter and fixed wing aircraft with buckets, water scooper or tanks. Contains no hazardous material, safe for the environment. First Class works very well with CAFS at ratios of 0.4% or greater. Ship. wt. 45 lbs.

- Wildland fires
- Ground applications
- Aircraft applications

<table>
<thead>
<tr>
<th>Cat#</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>BB135</td>
<td>First Class Foam Concentrate</td>
<td>$22.95/gal.</td>
</tr>
</tbody>
</table>

### Training Foam

Training Foam Products - Supertrain is specially designed synthetic foam formulations which are biodegradable and environmentally friendly for use in live fire-training sessions. This formulation is suitable for use with both fresh and salt water and can be used with all siliconized dry chemical agents and can be proportioned at either 3% or 6%.

<table>
<thead>
<tr>
<th>Cat#</th>
<th>Description</th>
<th>Benefits</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>AC723</td>
<td>Supertrain Foam</td>
<td>Cost Effective Training</td>
<td>$13.95/gal.</td>
</tr>
</tbody>
</table>

Contact Your Darley Representative With Your Protein or Flouroprotein Foam Needs
Chemguard Foam

Aqueous Film Forming Foam (AFFF)

Aqueous Film Forming Foam (AFFF) - is a specially formulated synthetic concentrate. A vapor suppressing aqueous film is formed by foam solution draining from the expanded foam blanket. These products are intended for use at proportioning rates of 1%, 3% and 6% on Class B hydrocarbon type fuels such as; crude oils, gasoline, kerosene, diesel fuel and aviation fuels. AFFF’s also exhibit excellent wetting characteristics when used on Class A fires. Both aspirating and water fog type nozzles are suitable when using these foams. Either fresh or sea water may be mixed with these foams to achieve excellent results.

<table>
<thead>
<tr>
<th>Cat#</th>
<th>Description</th>
<th>Benefits</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>AC719</td>
<td>3% AFFF</td>
<td>An Industry Standard, the Most Commonly Used AFFF</td>
<td>$25.95/gal.</td>
</tr>
<tr>
<td>AS290</td>
<td>3% AFFF</td>
<td>Highest Quality AFFF Available</td>
<td>$32.95/gal.</td>
</tr>
<tr>
<td>AC720</td>
<td>6% AFFF</td>
<td>Lowest Cost AFFF</td>
<td>$20.95/gal.</td>
</tr>
<tr>
<td>AS292</td>
<td>1% AFFF</td>
<td>Requires Less Concentrate Than 3% or 6% Products</td>
<td>$55.95/gal.</td>
</tr>
</tbody>
</table>

Alcohol Resistant Aqueous Film Forming Foam (AR-AFFF)

Alcohol Resistant Aqueous Film Forming Foam (AR-AFFF) - is specially formulated with a physical polymer membrane/barrier between the fuel surface and the foam blanket. They are intended to be used at proportioning ratios of 1% and 3% for hydrocarbon fuels and 3% or 6% for polar fuels such as alcohol, ketones, methanol and MTBE products. AR-AFFF’s may also be used on Class A fires. AR-AFFF’s suppress the hazardous vapors emitted from these polar and hydrocarbon fuels. Chemguard’s AR-AFFF’s are suitable for use with foam chambers, standard water fog nozzles, air-aspirating nozzles and foam makers.

<table>
<thead>
<tr>
<th>Cat#</th>
<th>Description</th>
<th>Benefits</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>AC717</td>
<td>3%-6% AR-AFFF</td>
<td>Concentrate for Use on Both Hydrocarbon and Polar Solvent Fuel Fires</td>
<td>$26.95/gal.</td>
</tr>
<tr>
<td>AS291</td>
<td>3%-3% AR-AFFF</td>
<td>AR-AFFF Keep Mixture Ratio the Same for all Fires, Eliminate Costly Mistakes</td>
<td>$33.95/gal.</td>
</tr>
<tr>
<td>BD197</td>
<td>1%-3% AR-AFFF</td>
<td>Highest Quality AR-AFFF Cost Effective 1% Hydrocarbon and 3% Polar Solvents</td>
<td>$45.95/gal.</td>
</tr>
</tbody>
</table>

High Expansion Foams

High Expansion Foam Concentrates - These agents are synthetic based and are suitable for use with low, medium or high expansion foam generating equipment. Normally used at a proportioning rate between 1 and 3%, they are used in contained areas such as mining operations, ship hold areas, etc. where volume fire control is required. A high expansion generator can be used to fill the entire area with a large amount of very light, expanded foam bubbles, and depending upon the type of generator, ratios of up to 1,000 to 1 can be achieved. Fires involving solid materials as well as flammable liquids can be controlled and extinguished. High expansion foam also has special advantages in dealing with spills of Liquified Natural Gas (LNG).

<table>
<thead>
<tr>
<th>Cat#</th>
<th>Description</th>
<th>Benefits</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>AC722</td>
<td>X-TRA High</td>
<td>High Expansion Foam Provides Superior Fire Suppression Expansion and Vapor Barrier Against Broad Range of Materials</td>
<td>$26.95/gal.</td>
</tr>
</tbody>
</table>

Contact Your Darley Representative With Your Protein or Fluoroprotein Foam Needs
First Response is a new Class A foam manufactured by the makers of the well known Phos-Chek® brand fire suppression products. It's formulated to make water more effective by the reducing the water's surface tension and, when mixed with air, creates a foam blanket that surrounds fuels with a thick layer of water. Foam reduces the amount of water needed to extinguish the fire reducing water damage and increasing fire fighter safety through quicker knockdown and reduced mop-up/overhaul. *Ship. wt. 45 lbs.*

- Wetting Agent: 0.2%
- Direct Attack: 0.6% to 1.0%
- Mop Up/Overhaul: 0.2% to 0.6%
- Tested and Qualified for USDA Forest Service
- Meets NFPA 1150
- Effective for use in Compressed Air Foam Systems (CAFS)

**PRICED PER GALLON, SOLD IN 5-GALLON CONTAINERS**

| BL712 | Class A Foam Concentrate & Wetting Agent | $17.95/gal. |

**Phos-Chek® Class A Foam**

Phos-Chek® Class A foam provides superior foam generation and is the most concentrated Class A foam product available today. Phos-Chek® is a unique combination of surfactants that make water more effective for fire fighting. Phos-Chek has been tested and approved for use by the U.S. Forest Service. U.S. Forest Service testing includes product Environmental, Health & Safety, and Corrosion criteria. Phos-Chek® is also a U.L. listed Wetting Agent at a very low use rate of 0.1% for Class A and 0.25% for Class B fires. Phos-Chek® meets the requirements of NFPA 1150, contains no EPA listed hazardous materials, and is readily biodegradable. Phos-Chek® works extremely well with CAFS at ratios of 0.2 to 0.3%.*Ship. wt. 45 lbs.*

**PRICED PER GALLON, SOLD IN 5-GALLON CONTAINERS**

| AS289 | Phos-Chek® Class A Foam 55-gal. Drum | $20.95/gal. |
| AS286 | Phos-Chek® Class A Foam 4 oz./Case of 36 | $102.95 |

**Silv-ex Foam Concentrate**

A multiple expansion Class A foam concentrate formulated from specialty hydrocarbon surfactants, stabilizers, inhibitors and solvents. Its combination of surfactants and solvents provides extremely good cold weather performance. The original forest fire control concentrate. Proven effective on many deep seated Class A fires. Can be proportioned from 0.1% to 1.0% in fresh, brackish or sea water. Silv-ex works very well with CAFS at ratios of 0.2 to 0.3% and can produce very good dry foam associated with CAFS.*Ship. wt. 45 lbs.*

**PRICED PER GALLON, SOLD IN 5-GALLON CONTAINERS**

| AB410 | Silv-ex Foam Concentrate | $25.95/gal. |

**Foam Cap Wrench**

Made from aluminum alloy the wrench loosens and tightens 70mm foam container caps with ease. Wrench is 9/" long with an outside diameter of 3/"." *Ship. wt. 1 lb.*

| AF640 | Foam Cap Wrench | $14.95 |

**Practice Foam Train for Pennies!**

Practice Foam is an answer to the requests “give us an inexpensive product to train with!” Practice Foam is a variable percentage Class A type product. Safe and inexpensive to use, Practice Foam may be educted at low to high percentages to achieve the desired results of your training session. Although not intended for a “working fire”, Practice Foam is entirely suitable for extinguishing training ground fires. For training only; NOT for fire fighting.

- Non-toxic, biodegradable and self-dissipating
- Plenty of suds - no clean up required

| BG113 | Practice Foam | $39.95/5-gal. pail |

**X-pando Foam Concentrate**

A detergent type variable percentage/variable expansion blend of foaming and wetting agents intended for Class A and B fires. Use through a CAFS or eductor to produce volumes of high-expansion foam or with regular foaming equipment consistent with the type of foam required. X-pando may be used with most foam making equipment. X-pando extinguishes with volumes of wet, moist foam, cutting the oxygen supply while creating cooling steam as the area is blanketed or completely filled. Used at 3% or less, X-pando offers low percentage use rates combined with reasonable per-gallon cost and infinite shelf life to give you a “general purpose foam value”.

| BG115 | X-pando Foam Concentrate | $53.95/5-gal. pail |
**PRO/pak Foam System**
Everything You Need in One Portable Unit to Apply Foam Quickly

Making great foam is easy with the PRO/pak. Everything you need is contained in one lightweight package that attaches to the end of your 1” fire hose. It can work on pressures as low as 50 psi. With its small size and versatile nozzles you can have foam capability without the expense of built-in systems costing thousands of dollars. Features a high-impact 2½ gallon foam reservoir with built-in eductor that can be set to the ratio of your choice. Large, easy-open fill port has an indicator to show the type of liquid in the tank. The flow is controlled by a twist grip valve/carrying handle. With each quarter turn you select the discharge velocity for inlet pressures between 40 and 500 psi. System comes complete with a straight stream nozzle, low expansion nozzle and medium expansion nozzle. Nozzles can be directly attached to the eductor for one-handed operation, or a short section of hose can be added for maneuverability. *Designed for Class A 3% or 6% AFFF & AR Foams. Ship. wt. 15 lbs.*

Includes:
- PRO/pak Unit
- Shoulder Strap
- 3’ Extension Hose
- 3 - Quick-Connect Nozzles

**Macaw™ Backpack**

Miniaturized CAF Power

Originally designed for rapid attack in fire suppression, this miniature 5-gallon (18.9L) CAF powerhouse expands foams up to 70:1 depending on nozzle and foam solution used. The Macaw™ can effectively deploy liquid formulas, air aspirated foam and CAF with simple control adjustments. *Ship wt. 30 lbs.*

Proven Effectiveness For:
- Mop up and overhaul operations
- Decontamination operations
- Hazardous material clean up
- Wet line construction
- Class A and B fire suppression
- CAF training
- Vapor suppression
- Nuisance fires and spills

PURCHASE INCLUDES NOZZLE SHOWN
- AM234 Macaw™ Backpack with Cylinder, 4500 psi Call for Pricing
- AM235 Macaw™ Backpack without Cylinder Call for Pricing
- AM236 Fan Tip Nozzle Call for Pricing
- AM237 Piercing Applicator Tip Call for Pricing

**Precision Foam Testing Kit**
The Precision Foam Testing Kit is designed to simplify the process of testing foam systems for proportioning accuracy. This kit utilizes liquid conductivity and a precision digital scale to accurately prepare standards and test discharge samples; the same method used by nationally recognized testing laboratories when testing systems for listing and approval. *Ship. wt. 6 lbs.*

Includes:
- Protective carrying case with foam protective padding
- Precision digital electronic 250 gram scale with 0.1 gram accuracy
- 6 - 150ml graduated sample beakers
- 100ml graduated cylinder
- 250ml wash bottle
- 2 - 10ml sample pipettes (12"L)
- 5 - 3ml sample pipettes (6"L)
- 500ml water sample bottle
- 2 - 10ml sample syringes
- 10 - Test charts (reproducible)
- Instruction manual

AZ292 Precision Foam Testing Kit $800.95
The Super Vac HXG High Expansion Foam Generator is the perfect solution for your foam needs. The HXG can be ordered to fit any Super Vac fan including all PPV fan styles. No need to buy and store an entire foam generator when the Super Vac HXG takes up a fraction of the space and cost. Used in conjunction with high expansion foam concentrates, it can produce foam up to 1000:1 expansion for tough extinguishments including confined space, mining operations, and ship hold areas. Fire involving solid materials or flammable liquids can also be controlled and extinguished. The Super Vac HXG also has advantages for handling the tough spills of Liquefied Natural Gas (LNG).

**Exclusive Features:**
- Automatic proportioning
- Adjustable dial control
- Proportions continuously
- No foam goes through the fire pump
- No in-line restrictions
- Installs in new or existing apparatus
- Delivers 0.1 to 1.7 gpm of concentrate

**TANK SENSOR REQUIRED**

<table>
<thead>
<tr>
<th>Cat#</th>
<th>Description</th>
<th>Includes</th>
<th>Ship. wt.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>AJ247</td>
<td>FoamPro® with 1½&quot; Flowmeter</td>
<td>$3,471.95</td>
<td></td>
<td></td>
</tr>
<tr>
<td>AJ248</td>
<td>FoamPro® with 2&quot; Flowmeter</td>
<td>$3,471.95</td>
<td></td>
<td></td>
</tr>
<tr>
<td>AJ249</td>
<td>Tank Sensor, Vertical Mount</td>
<td>$75.95</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**AVAILABLE OPTIONS**

<table>
<thead>
<tr>
<th>Cat#</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>AJ251</td>
<td>8 gal. Polypropylene Foam Tank</td>
<td>$220.95</td>
</tr>
</tbody>
</table>

**36 Gallon Mobile Foam Cart**

- Features a fiberglass tank
- Nozzle features a ball type shut-off valve for better stream control and is designed to give a constant flow rate with either a straight stream or “Fog” pattern
- Includes 50' of 1½" rubber lined, single jacket fire hose with lightweight 1½" NST couplings
- Includes 3"x16" pneumatic tires
- Pick-up tube on the in-line eductor is manufactured in stainless steel
- Eductor has variable metering valve settings for 1%, 3%, and 6%
- Available in either a 60 gpm or 95 gpm flow rate

**High Expansion Foam Generators**

The Super Vac HXG High Expansion Foam Generator is the perfect solution for your foam needs. The HXG can be ordered to fit any Super Vac fan including all PPV fan styles. No need to buy and store an entire foam generator when the Super Vac HXG takes up a fraction of the space and cost. Used in conjunction with high expansion foam concentrates, it can produce foam up to 1000:1 expansion for tough extinguishments including confined space, mining operations, and ship hold areas. Fire involving solid materials or flammable liquids can also be controlled and extinguished. The Super Vac HXG also has advantages for handling the tough spills of Liquefied Natural Gas (LNG).

- Water Flow: 100 - 300 lpm (27 - 79 gpm)
- Inlet Pressure: 4 - 14 bar (58 - 203 psi)
- Water Flow: 80 - 180 lpm (21 - 48 gpm)
- Foam Eductor: Matched to fan type, included
- Expansion: 500:1 to 1000:1

<table>
<thead>
<tr>
<th>Cat#</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>BE041</td>
<td>High Expansion Foam Generator for &lt;16&quot; Fan</td>
<td>$3,549.95</td>
</tr>
<tr>
<td>BE042</td>
<td>High Expansion Foam Generator for &gt;18&quot; Fan</td>
<td>$3,819.95</td>
</tr>
</tbody>
</table>
**Foam Proportioning Systems and CAFS**

**Fast Foam 50 or 250**

The Fast Foam systems offers a reliable, accurate, compact foam proportioning system at an economical price.

**Applications:**

- Mini pumper - 50, 250
- Pumper tanker - 250
- Pumper - 250
- Rescue pumper - 250
- Wildland/Quick Attack fire vehicle - 50, 250

**Standard Equipment:**

- Low concentrate float switch
- Venturi
- Control panel placard
- Complete installation kit

<table>
<thead>
<tr>
<th>Model</th>
<th>Performance</th>
<th>Dimensions</th>
<th>Weight</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fast Foam 50</td>
<td>Up to 50 gpm (189 L/M) @ 1% at pressures up to 175 psi (12.1 bar)</td>
<td>19&quot;Lx10&quot;Wx14&quot;H</td>
<td>64 lbs. (29 kg)</td>
<td>$3,460.00</td>
</tr>
<tr>
<td>Fast Foam 250</td>
<td>Up to 250 gpm (946 L/M) @ 1% at pressures up to 250 psi (17.2 bar)</td>
<td>21&quot;Lx10&quot;Wx12&quot;H</td>
<td>75 lbs. (34 kg)</td>
<td>$5,055.00</td>
</tr>
</tbody>
</table>

**ODIN® AutoValve™ Kits**

The ODIN® AutoValve™ features nine light valve positions for fast reference. The pressure display also functions as a valve position indicator in increments of 1 - 100. This allows for ultra fine adjustments by punching the decrease/increase “Dry and Wet” CAFS buttons for small changes of foam consistency. Fully waterproof design with all sealed switches, protected by overlay membrane.

**Kits Include:**

- Controller with wiring harness
- Solution valve and actuator, stainless steel
- Air valve and actuator, stainless steel

Expanded AutoValve™ Kits also available. Please call Odin at 319-987-2226 for more information.

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>SAV001.5</td>
<td>Standard 1½&quot; AutoValve™ Kit</td>
<td>$1,950.00</td>
</tr>
<tr>
<td>SAV002.0</td>
<td>Standard 2&quot; AutoValve™ Kit</td>
<td>$1,985.00</td>
</tr>
<tr>
<td>SAV002.5</td>
<td>Standard 2½&quot; AutoValve™ Kit</td>
<td>$2,716.00</td>
</tr>
<tr>
<td>SAV003.0</td>
<td>Standard 3&quot; AutoValve™ Kit</td>
<td>$2,923.00</td>
</tr>
</tbody>
</table>

**PTO Driven Compressor Kit**

The compressor receives its power from the apparatus transmission PTO. Foam proportioning system and CAFS plumbing is required to complete package. Pump is supplied by customer. Please contact ODIN® Foam at 319-987-2226 for the correct engineering application and additional schematic and CAD drawings of optional components.

**Standard Equipment:**

- PTO driven compressor
- Horizontal mount air/oil receiver
- Control panel with high temperature shut down
- Odin AutoBalance™ valve system
- American made
- Master air check valve
- Remote air intake filter kit
- Stainless steel, plate type heat exchange with thermo valve
- Available in 150 and 200 cfm with inlet valve and mounting bracket
- 150 cfm: 5 year warranty, 200 cfm: Lifetime warranty

**Applications:**

- Mini pumper
- Rescue pumper
- Retrofit
- Tactical tender
- Wildland/Interface

<table>
<thead>
<tr>
<th>Model</th>
<th>Performance (Air)</th>
<th>Ship. Wt.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>200 CFM Kit</td>
<td>200 cfm @ 125 psi (8.6 bar)</td>
<td>585 lbs. (265 kg)</td>
<td>$13,390.00</td>
</tr>
<tr>
<td>150 CFM Kit</td>
<td>150 cfm @ 125 psi (8.6 bar)</td>
<td>535 lbs. (243 kg)</td>
<td>$12,280.00</td>
</tr>
</tbody>
</table>
**FOAMATE™ ATP 2.0 Class B**

- For industrial or municipal pumpers
- Instruction placard for flow settings
- Metering valve is panel mountable
- All brass construction
- Factory calibrated
- Certified to NFPA standards
- Base components provided loose

**Includes:**
- 1½” victaulic eductor water in connection
- 2” victaulic eductor water out connection
- Driving water flow is 85 gpm @ 125 psi
- 2” victaulic metering valve connections
- 2” F NPT check valve connections
- 2” F NPT ball valve connections

**Performance Range:**
- 2000 gpm @ 1%
- 2000 gpm @ 3%
- 1000 gpm @ 6%

**BL744** Foam System, FOAMATE™ Model ATP 2.0 Class B $989.95
**BL745** Foam System, FOAMATE™ Model ATP 2.0 Class B with 3 Ball Valves $1,129.95

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**In Line Foam Eductors**

In line Foam Eductors have a metering head with easy-read knob for use with Class A foam at .25% and .5% and with ARC-AFFF foam at 1%, 3% and 6%. Extra large 36” pickup hose and stainless steel wand are ideal for use with high viscosity foams. The meter head is equipped with a unique back-flush push-button for fast cleaning, and is secured to the eductor body with a rugged disconnect. All controls are easy to use with gloves. Made of hardcoat anodized aluminum for corrosion protection. The required inlet pressure is 200 psi. The maximum allowable back pressure is 130 psi.

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**By-Pass Eductors with Metering Dial**

VIPER By-Pass Foam Eductors can now be equipped with Dial knob for use with Class A or B foam. There is an off setting for extra long 48” pickup hose and stainless steel wand. All the moving parts are easy to use with gloved hands. Made of hardcoat anodized aluminum for corrosion protection.

**WITH METERING DIAL (OFF, .5%,1%, 3%, 6%)**

<table>
<thead>
<tr>
<th>Cat#</th>
<th>Description</th>
<th>Inlet</th>
<th>GPM</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>BL027</td>
<td>By-Pass Eductor</td>
<td>1”</td>
<td>30</td>
<td>$452.95</td>
</tr>
<tr>
<td>BL028</td>
<td>By-Pass Eductor</td>
<td>1½”</td>
<td>60</td>
<td>$452.95</td>
</tr>
<tr>
<td>BL029</td>
<td>By-Pass Eductor</td>
<td>1½”</td>
<td>95</td>
<td>$452.95</td>
</tr>
<tr>
<td>BL030</td>
<td>By-Pass Eductor</td>
<td>1½”</td>
<td>125</td>
<td>$452.95</td>
</tr>
</tbody>
</table>

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**Portable In-Line Foam Eductors**

These “Venturi” eductors are constructed of rugged brass alloys. Their efficient and simple design assures the lowest possible friction loss. Metering devices on all these eductors are easily removed for cleaning and are designed with a stainless steel ball check to prevent foam contamination when the line is shut down. Eductors are suitable for all types of foams. *Ship. wt. 10 lbs. Specify inlet size.*

- Eductor with female swivel inlet and male outlet
- Removable metering/check valve and pick-up tube
- Clear PVC pick-up hose

<table>
<thead>
<tr>
<th>Cat#</th>
<th>GPM</th>
<th>Inlet</th>
<th>Outlet</th>
<th>Max. Hose</th>
<th>Trim</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>H581</td>
<td>60</td>
<td>2½”</td>
<td>1½”</td>
<td>300’</td>
<td>Brass</td>
<td>$610.95</td>
</tr>
<tr>
<td>W202</td>
<td>95</td>
<td>2½”</td>
<td>1½”</td>
<td>150’</td>
<td>Brass</td>
<td>$610.95</td>
</tr>
<tr>
<td>H583</td>
<td>125</td>
<td>2½”</td>
<td>1½”</td>
<td>300’</td>
<td>Brass</td>
<td>$610.95</td>
</tr>
<tr>
<td>W204</td>
<td>250</td>
<td>2½”</td>
<td>2½”</td>
<td>200’</td>
<td>Brass</td>
<td>$984.95</td>
</tr>
</tbody>
</table>
The AkroFoam foam nozzles are self-educing master stream nozzles designed for educting foam at flow rates up to 1000 gpm (4800 lpm).

- Manual pattern control spring loaded baffle that allows flow setting selection of 350, 500, 750, or 1000 gpm (1325, 1900, 2900, or 3800 lpm) with a simple push and turn of the baffle head
- Quick connect, adjustable metering head with pick up rates 1% & 3%, plus 6% for 350 & 500 gpm (1325 & 1900 lpm) and 1% & 3% for 750 & 1000 gpm (2900 & 3800 lpm)
- Integrated foam shutoff

### Pyrolite® In-Line Eductors

Akron Municipal Eductors feature a large, easy to read, and removable metering dial with infinite settings between 0 and 6%. Detents at ¼, ½, 1, 3, and 6%. The Eductors are rated to flow at 200 psi (14 bar) inlet pressure and works well with nozzles rated at 75 and 100 psi (5 and 7 bar). Ship. wt. 8 lbs.

- 1½” or 2½” swivel inlet x 1½” male, except where noted
- 30” pickup hose standard on 60, 95, and 125 gpm (230, 360, and 475 lpm) eductors, 48” optional
- 48” pickup hose standard on 250 gpm (950 lpm)

<table>
<thead>
<tr>
<th>Cat#</th>
<th>GPM</th>
<th>Inlet</th>
<th>Outlet</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>AZ340</td>
<td>Pyrolite® In-Line Eductor 60 gpm</td>
<td>$757.95</td>
<td></td>
<td></td>
</tr>
<tr>
<td>AZ341</td>
<td>Pyrolite® In-Line Eductor 95 gpm</td>
<td>$726.95</td>
<td></td>
<td></td>
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<tr>
<td>AZ342</td>
<td>Pyrolite® In-Line Eductor 125 gpm</td>
<td>$759.95</td>
<td></td>
<td></td>
</tr>
<tr>
<td>AZ343</td>
<td>Pyrolite® In-Line Eductor 250 gpm</td>
<td>$1,042.95</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Portable By-Pass Eductor

The Portable By-Pass Eductor has a built-in by-pass chamber, allowing the operator to change from water to foam without shutting down.

- Brass with chrome trim
- Changes easily to water line use
- 8 quick-change handle positions with a Swing-Out™ valve handle

### ATP FOAM FLURRY™

The ATP FOAM FLURRY™ is our most economical proportioner. It is simple-to-install and operate, and works without 12v power—no amperage issues for small pumps. For your next Darley portable pump purchase, or for retrofitting your current pump, the ATP FOAM FLURRY™ will deliver foam cost effectively.

- All brass construction – no plastic
- Fast adjusting variable control ball valve
- Capable of .5% injection rate up to 100 gpm
- Remote mount operation placard
- Includes installation kit

<table>
<thead>
<tr>
<th>Cat#</th>
<th>GPM</th>
<th>Inlet</th>
<th>Outlet</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>BL125</td>
<td>ATP FOAM FLURRY™</td>
<td>$540.95</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
**FoamCheck PRO**  
**Foam Concentrate Meter**

**Features:**
- Displays real-time measurement of the percentage of Class A foam concentrate in hose lines.
- Senses foam concentration 60 times a second
- Calibration is a simple two step process
- Sealed, weather-proof housing is suitable for harsh environments
- Display console measures 5.7"x3.8"x2.3"
- Maximum operating pressure of 300 psi
- Automatic power down after 30 min. to save battery life

**Includes:**
- Display console
- 1½" sensor tee with NHT or NP threads with 5' long connection cable
- Self powered by 2 AA batteries

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**Mid-X Medium Expansion Foam Tube**

- Capable of foam expansion to 50:1
- Maximum flow 250 gpm
- Maximum pressure 100 psi
- Ship. wt. 5 lbs.

---

**Quick-Attack™ Foam Aeration Tubes**

Pyrolite® foam tubes are designed to easily and quickly clamp on to various Akron® nozzles. Use the chart below to determine the proper Quick-Attack™ foam tube.  
**Ship. wt. 3 lbs.**

- Reach up to 75'
- Provides air-aspirated foam capability - up to 12:1 expansion ratio with AFFF
- Flow: AF26401 - 30 gpm, AF26409 - up to 250 gpm, all others up to 125 gpm
- Length: AF26401 - 11½", all others 16½"

**Foam Proportioner**  
**Quick STIK Technology, No Eductors, No Foam Pails**

The Quick STIK system uses solid foam/wetting agent that is inserted into the specially perforated foam sleeve. Matched up with a 30-60-95-125 gpm adjustable nozzle, this Quick STIK system can deliver up to 600 gallons of foam/water mixture per stik.

---

### BF141 Foam Proportioner with Quick STIK Technology $941.95

### BL501 BUCKEYE Standard Class A 12/cs $299.95

### BL615 BUCKEYE Standard Class A & B 12/cs $442.95

### BL616 BUCKEYE Standard CLEAN 12/cs $399.95
**Bubble Cup Nozzles**

The dual or single-gallonage Bubble Cup nozzle is a uniquely designed aspirating fog/foam nozzle created to be used with AFFF and Protein type foams for fire brigades and hazardous materials incidents or for structural and wildfire applications of Class A foaming agents. Capable of producing a conventional straight stream, wide protective fog pattern and aspirating foam, the Bubble Cup is a nozzle that provides an extra measure of protection. Nozzles are backed by a full 5-yr factory warranty and 24-hr certified repair. *Ship. wt. 4 lbs.*

**Viper Foam Nozzle**

- Durable Viper Ball Valve
- Construction: Lightweight aluminum
- Up to 12:1 expansion ratio

**Nothing Foams Like A “Madd Dog” Expansion Aspirating Foam Attachment**

The Madd Dog Attachment makes better foam than any other multiple expansion aspirating nozzle. Designed by a fire captain with firefighter safety, quality, versatility, performance and cost in mind. Produces low-expansion foam with excellent stream projection or medium expansion foam with incredible production. The aspirating attachment is constructed of pressure-injected polymer resins which make it economical, lightweight and incredibly rugged and will fit a variety of combination nozzles. *Ship. wt. 2 lbs.*

**Foam Nozzle w/Pick-Up Tube**

These 1 1/2” and 2 1/2” aerating type foam nozzles are lightweight, cord wrapped and include a clear PVC hose and strainer and pick-up tube which means each tube requires no eductor and can draw foam directly from a container. The AG129 and AG174 foam nozzles are the most inexpensive way to deliver foam in the 60 to 95 gpm range and are very light and easily handled. Maintenance and cleaning are very simple. The AG175 foam nozzle delivers 120 gpm of foam and can be used with 2 1/2” lines. It will supply foam in an expansion ratio of approximately 14 to 1 and would be suitable for most small spills and foam application requirements. *Ship. wt. 7 lbs.*

**Blizzard Wizard® Class A Foam Nozzles**

Blizzard Wizard® foam nozzles are rated at 11, 23, 34, 50 and 60 gpm at 100 psi nozzle pressure. The unusual long reach-of-stream (up to 75’) is possible because of the patented “turbulence induction plates” that use such a small amount of available water pressure to make foam. Nozzle body is made of ABS plastic. AC994 made of hard anodized aluminum. *Ship. wt. 2 lbs.*

---

**Table: Foam Nozzle w/Pick-Up Tube**

<table>
<thead>
<tr>
<th>Cat#</th>
<th>Description</th>
<th>Swivel</th>
<th>GPM</th>
<th>Length (”)</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>AG174</td>
<td>Foam Nozzle w/Pick-Up Tube</td>
<td>1 1/2”</td>
<td>60</td>
<td>36 1/4”</td>
<td>$801.95</td>
</tr>
<tr>
<td>AG129</td>
<td>Foam Nozzle w/Pick-Up Tube</td>
<td>1 1/2”</td>
<td>95</td>
<td>38</td>
<td>$960.95</td>
</tr>
<tr>
<td>AG175</td>
<td>Foam Nozzle w/Pick-Up Tube</td>
<td>2 1/2”</td>
<td>120</td>
<td>41”</td>
<td>$1,354.95</td>
</tr>
</tbody>
</table>

**Table: Blizzard Wizard® Class A Foam Nozzles**

<table>
<thead>
<tr>
<th>Cat#</th>
<th>Size</th>
<th>Flow (GPM)</th>
<th>Stream</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>AF850</td>
<td>1 1/2” NST</td>
<td>50</td>
<td>75’</td>
<td>$64.95</td>
</tr>
<tr>
<td>AF851</td>
<td>1 1/2” NST</td>
<td>34</td>
<td>70’</td>
<td>$57.95</td>
</tr>
<tr>
<td>AF852</td>
<td>1 1/2” NST</td>
<td>23</td>
<td>50’</td>
<td>$53.95</td>
</tr>
<tr>
<td>AF853</td>
<td>3/4” GHT</td>
<td>11</td>
<td>45’</td>
<td>$33.95</td>
</tr>
<tr>
<td>AC994</td>
<td>1 1/2” NST</td>
<td>60</td>
<td>75’</td>
<td>$120.95</td>
</tr>
</tbody>
</table>
Fire Hose Caps
Allows Discharge Hoses to be Used as Air Lines
Put the power of your CAFS (Compressed Air Foam System) to even more use by using your firefighting hoses as air lines for operating pneumatic tools. All Darley CAFS capable discharge hoses can be used as air lines by simply not flowing water and foam into the hose prior to the injection of compressed air. This adapter can either be installed on the end of your 1½” or 2½” firefighting hose or onto the threads of your discharge nozzle. Fill air bags, lifting mats, operate chisels, cutting tools, or even blow debris off the road at an accident scene. You could even use your CAF system as a positive pressure fresh air system to evacuate smoke from a building. Your capabilities are limited only by your imagination.

<table>
<thead>
<tr>
<th>Cat#</th>
<th>Description</th>
<th>Finish</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>OFG00091</td>
<td>1½” Hose Cap with Air Chuck</td>
<td>Chrome</td>
<td>$72.95</td>
</tr>
<tr>
<td>OFG00092</td>
<td>1½” Hose Cap with Air Chuck</td>
<td>Brass</td>
<td>$72.95</td>
</tr>
</tbody>
</table>

CAFS Nozzles

**BL036:**
- Combination of the ball shutoff with full 1” inlet waterway and the 11/6” outlet smooth bore tip. Both parts are constructed of hard coated aluminum.

**BL037:**
- Combination of the ball shutoff with full 1½” inlet waterway and 1½” outlet smooth bore tip. Both parts are constructed of hard coated aluminum.

<table>
<thead>
<tr>
<th>Cat#</th>
<th>Description</th>
<th>Inlet</th>
<th>Length</th>
<th>Weight</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>BL036</td>
<td>1” CAFS Nozzle</td>
<td>1”</td>
<td>10”</td>
<td>2 lbs.</td>
<td>$199.95</td>
</tr>
<tr>
<td>BL037</td>
<td>1.5” CAFS Nozzle</td>
<td>1½”</td>
<td>10 ½”</td>
<td>4 lbs.</td>
<td>$308.95</td>
</tr>
</tbody>
</table>

**2½” CAFS Pistol Grip Nozzle**
Do you want to pack the most CAFS punch possible in a 2½” hand line? Most 2½” nozzles are nothing more than a 1½” waterway shutoff with a 2½” swivel inlet. Not this nozzle… this pistol grip ball shutoff features a 2½” swivel inlet and a 2½” threaded outlet with a full 2” internal ball opening. This allows more CAFS to be propelled unobstructed through this lightweight pistol grip ball shut-off. We also finish off this Brutus of a shut off with a set of dual stacked tips so you can choose between the 2½” and a 2” tip opening. Easily flows 120 gallons per minute of foam solution and 120 cfm of compressed air at the NFPA recommended 125 psi. Ship. wt. 7 lbs.

**SaberJet Dual Shutoff CAFS Nozzle**
This very versatile pistol-grip ball shutoff features a large 1½” ball opening and 1½” smooth bore tip which produces a strong CAFS stream for wet to medium foam types. It also features a secondary control for spraying plain water, foam solution, or wet CAFS stream through the fog spray nozzle. The SaberJet Dual Shutoff CAFS Nozzle is a great tool for your CAFS attack lines and provides a wide variety of real world spray stream options as well as the ability to spray plain water if desired.

<table>
<thead>
<tr>
<th>Spec#</th>
<th>Description</th>
<th>Color Options</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>BL386</td>
<td>1½” SabreJet Dual Shutoff CAFS Nozzle</td>
<td>Red, Black, Blue or White</td>
<td>$1,036.95</td>
</tr>
</tbody>
</table>

BH190 2½” CAFS Nozzle Combo $729.95
Compressed Air Foam Systems

**Mongoose**

**Engine**
- Kawasaki: 31 HP @ 3600 rpm, liquid cooled, V twin, 2 cylinder, gasoline powered, 12 vdc electric start, multi-port digital fuel injected

**Pump**
- Darley Model 2BE: Fully adjustable 1½” CAF discharge mix point, 2¼” water discharge, 2½” direct tank fill, 2¾” NPT suction inlet, 2½” water and air pressure gauges, pump drain valve, stainless steel plumbing, 12 vdc electric primer system

**Dimensions & Weight**
- 36”(+6”)L x 47¼”W x 33”H
- 850 lbs. (385 kg)

**Applications**
- Wildland
- Quick Attack
- Rescue
- Skid Unit

**Uses**
- Engine driven

**Water Performance**
- 120 gpm @ 100 psi
- 250 gpm @ 40 psi

**Air Performance**
- 50 cfm @ 125 psi

**Simultaneous Flow**
- 46 gpm & 23 cfm @ 125 psi

**Derringer 100/50 Diesel**

**Engine**
- Kubota V1505: 33.5 HP Diesel engine, liquid cooled, indirect injection, naturally aspirated, pressure lubricated 12VDC 40 amp alternator, glow plugs, remote oil drain

**Pump**
- Darley 1-1/2AGE single-stage centrifugal pump
- Designed to provide up to 130 gpm and pressures up to 170 psi

**Dimensions & Weight**
- 54.5”L x 47.5”W x 39”H
- 1250 lbs. (567 kg)

**Applications**
- Wildland
- Quick Attack
- Rescue
- Skid Unit

**Uses**
- Engine driven

**Water Performance**
- 135 gpm @ 150 psi
- 160 gpm @ 100 psi

**Simultaneous Flow**
- 100 gpm & 50 cfm @ 125 psi

**Air Performance**
- 60 cfm @ 125 psi

**Simultaneous Flow**
- 130 gpm & 60 cfm @ 100 psi

**Weapon 200/100**

**Engine**
- Deutz BF4L2011F: 73 HP @ 2600RPM, air/oil cooled, indirect injection, turbocharged diesel engine

**Pump**
- Darley 2-1/2AGE single-stage, centrifugal pump
- Designed to provide up to 250 gpm and pressures up to 250 psi

**Dimensions & Weight**
- 56”L x 47.5”W x 40”H
- 1750 lbs. (794 kg)

**Applications**
- Wildland
- Quick Attack
- Rescue
- Skid Unit

**Uses**
- Engine driven

**Water Performance**
- 250 gpm @ 150 psi
- 175 gpm @ 200 psi
- 125 gpm @ 250 psi

**Simultaneous Flow**
- 200 gpm & 100 cfm @ 125 psi

**Air Performance**
- 125 cfm @ 125 psi

**Simultaneous Flow**
- 220 gpm & 120 cfm @ 100 psi

Call for pricing and an extended list of features 877-634-6223

www.edarley.com/foam | 1.800.323.0244
**LDMBC**
Compressed Air Foam System (CAFS)

**AutoCAFS™**

**Dimensions & Weight**
- 40”L x 76”W x 46”H
- 2,200 lbs. (997 kg)

**Applications**
- Aerial
- Pumper
- Rescue pumper
- Pumper tanker

**Uses**
- Single stage
- Centrifugal
- Midship mounted
- Pump forward

**LDMBC 1000-1750 Standard Features**
- Complete discharge and suction manifolds provided
- 4 - 2½” NH, ¼ turn, self-locking ball valves
- 2 - 5” or 6” NH suction adapters and Darley caps
- Optional behind the panel intake valve(s) available
- Discharge and suction flanges as needed
- Air pump shift
- 1610 or 1710 full round yokes standard
- Extended pump shaft to drive 220 cfm compressor package
- Remote packing adjustment cables or mechanical seal
- Fully tested water and air systems

**LDMBC - Commonly Specified Options for a Complete Package**
- FoamPro 2001/2002 foam System with paddlewheel
- CAFS/Foam stainless steel plumbing manifold
- Optional 1½”, 2”, and 2½” CAFS valve packages
- CAFS check valves for foam discharges
- Air flow control valves and check valves
- Optional manual or electric valve controls
- Can be used with AutoValve™
- Can be completely plumbed and service tested

**Simultaneous Water Performance**
Up to 6624 L/M (1750 gpm) @ 8.6 bar (125 psi)

**Simultaneous Compressed Air Performance**
6229 L/M (220 cfm) @ 8.6 bar (125 psi)

[Image of LDMBC with AutoCAFS™ Commander control system]