

Aqueous Film-Forming Foams (AFFF)

are based on combinations of fluorochemical surfactants, hydrocarbon surfactants and solvents. These agents require a very low energy input to produce a high quality foam. Consequently, they can be applied through a wide variety of foam delivery systems. This versatility makes AFFF agents an obvious choice of municipal fire departments, airports, refineries, manufacturing plants and any other operation involving the transportation, processing and handling of flammable liquids and materials.

Ordering Information

Part No. Description

1% ANSULITE®

- 55804 5 Gallon Pail
- 55811 55 Gallon Drum

3% ANSULITE® AFFF (AFC-3-A)

- 55800 5 Gallon Pail
- 55809 55 Gallon Drum

**3% Premium ANSULITE® AFFF (AFC-5-A)
(Qualified Under MIL-F-24385) (Latest Amendment)**

- 68122 5 Gallon Pail
- 68123 55 Gallon Drum

3% ANSULITE® Freeze Protected AFFF (-20°F)

- 54783 5 Gallon Pail
- 54892 55 Gallon Drum

6% ANSULITE® AFFF (AFC-3)

- 54391 5 Gallon Pail
- 54392 55 Gallon Drum

**6% Premium ANSULITE® AFFF (AFC-5)
(Qualified Under MIL-F-24385) (Latest Amendment)**

- 68120 5 Gallon Pail
- 68121 55 Gallon Drum



Most foam agents are also available in 265-gallon tote containers.

Alcohol-Resistant AFFF Concentrate

is based on AFFF concentrates to which a polymer has been added to make them effective on fires involving polar solvents (methanol) as well as hydrocarbon-type fuels (gasoline). Thus, alcohol-resistant concentrates are the most versatile of the foam agents. The alcohol-resistant concentrate forms a polymeric membrane when used on polar solvent type fuels which prevents destruction of the foam blanket. When used on hydrocarbon fuels, the alcohol resistant concentrate produces the same rugged aqueous film as a standard AFFF agent. The alcohol-resistant concentrate provides fast flame knockdown and good burnback resistance when used on both types of fuels.

Ordering Information

Part No. Description

ANSULITE® 3x3 "LOW VISCOSITY" (3%)

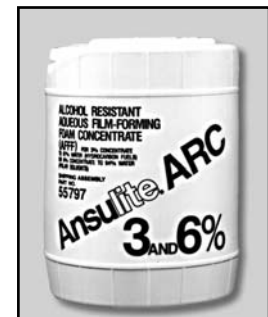
- 416493 5 Gallon Pail
- 416495 55 Gallon Drum

ANSULITE® ARC (3% and 6%)

- 55797 5 Gallon Pail
- 55808 55 Gallon Drum

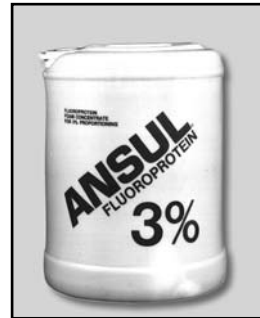
ANSULITE® ARC (3% or 6%) Freeze Protected (0°F)

- 415245 5 Gallon Pail
- 415246 55 Gallon Drum



Fluoroprotein Foam Concentrates

are based on hydrolyzed protein, stabilizers, preservatives and synthetic fluorocarbon surfactants. In applications involving hydrocarbon bulk storage and handling – such as refineries and petrochemical operations – these agents offer several advantages over protein foams. They provide better control and extinguishing ability, greater fluidity and superior resistance to fuel contamination. Fluoroprotein foams are useful for hydrocarbon vapor suppression and extinguishment of fuel-in-depth fires and have been recognized as a very effective fire suppression agent for sub-surface application to hydrocarbon fuel storage tanks.



Ordering Information

Part No. Description

3% Fluoroprotein Foam

- 73973 5 Gallon Pail
- 73972 55 Gallon Drum

High Expansion Foams

are based on combinations of hydrocarbon surfactants and solvents and are used in foam generators – both stationary and portable – for applying foam to large areas in a total flooding or 3-dimensional application such as warehouses, ship cargo holds and mine shafts. They are especially useful on fuels such as liquefied natural gas (cryogenic fuels) for vapor dispersion and control. In certain concentrations, high expansion foams provide an effective extinguishing agent for hydrocarbon spill fires of most types and in confined areas.



Ordering Information

Part No. Description

JET-X® High Expansion Foam

- 420008 5 Gallon Pail
- 420009 55 Gallon Drum

Class A Foams

are typically formulated from a combination of specialty hydrocarbon surfactants, stabilizers, inhibitors, and solvents. They reduce the surface tension of water for improved wetting and penetrating characteristics and create a clinging foam blanket that suppresses combustible vapors foam blanket that suppresses combustible vapors while cooling the fuel. Class A foams can be applied using a variety of proportioning/discharge devices and have proven effective in fighting forest fires and many deep seated fires such as tires, paper, coal bunkers, wooden structures, etc.



Ordering Information

Part No. Description

SILV-EX® "Class A" Fire Control Concentrate

- 75451 5 Gallon Pail
- 79704 30 Gallon Drum
- 75452 55 Gallon Drum

Most foam agents are also available in 265-gallon tote containers.

Features:

- Rugged, Corrosion Resistant Brass Construction
- 1/2% Setting for Class A Foam*
- Simple, Efficient Venturi Design
- Inline or By-pass Models*
- 1, 3, & 6% Settings for Class B Foam*
- Positive Setting Positions*
- Removable Metering Valve
- Clear PVC Pickup Hose - .625" ID x 1.0" OD
- Removable Pickup Screen
- Wide Selection of Flows*
- Stainless Steel Check Ball*

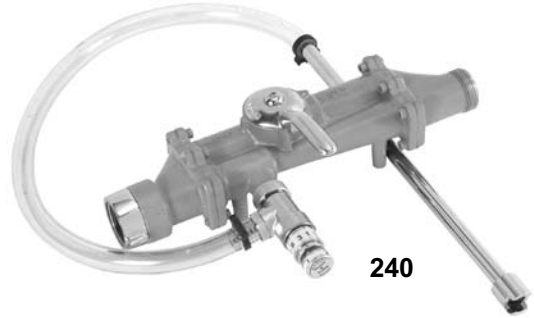
*These features not applicable to 241-N3 and 241-N6

No. 240 By-Pass Foam Eductors

By-pass allows for water only operations at lower inlet pressures • Positive setting metering valve (0, 1/2, 1, 3, & 6%) • 1.5" or 2.5" FNH free swivel inlet (please specify) • 1.5" MNH outlet • Finish red urethane enamel with chrome plated trim • Length, 17.25"

Ordering Information

Part No.	Description
240-60	60 gpm flow
240-95	95 gpm flow
240-125	125 gpm flow



No. 241 Inline Foam Eductors

Positive setting metering valve (0, 1/2, 1, 3, & 6%) • 1.5" or 2.5" FNH free swivel inlet (please specify) • 1.5" MNH outlet • Finish red urethane enamel with satin brass or chrome plated trim (please specify) • Length, 11.75"

Ordering Information

Part No.	Description
241-60	60 gpm flow
241-95	95 gpm flow
241-125	125 gpm flow
241-250	250 gpm flow, 2.5" FNH swivel inlet x 2.5" MNH outlet
241-N3	90 gpm flow, with single percentage metering valve (3%), 1.5" FNPSH swivel inlet x 1.5" MNPSH outlet, brass construction
241-N6	90 gpm flow, with single percentage metering valve (6%), 1.5" FNPSH swivel inlet x 1.5" MNPSH outlet, brass construction



Note: Flow Rates based on 200 psi inlet pressure.

Industrial / Marine Brass In-Line Eductors

Ordering Information

Part No.	Description
2328	90 gpm flow, designed to operate at 200 psi, includes foam shutoff valve and 60" pickup hose, set at 6% rate, easily changed to 1% or 3%.
2901	Same as 2900 except designed to operate between 110-150 psi inlet pressure.
2325	95 gpm flow at 150 psi, 1%, 2%, 3% and 6% metering foam settings.
2120	120 gpm flow at 200 psi, metering dial settings 1/2%, 1%, 3%, 6%.



Advantage™ Master Stream Eductors

Interchangeable metering orifices allow for 1/2%, 1%, 3%, or 6% pick-up rate. Designed for 250, 500, 700 or 1000 gpm (950, 1900, 2660, or 3800 lpm) flow at 150 psi operating pressure. Rugged brass construction.

- Pick-up Hose - 10' UV resistant reinforced PVC tubing
- Pick-up Tube - 40" PVC pipe
- Available with valve in pick-up tube (must specify)
- 2-1/2" Swivel Inlet x 2-1/2" Male

Part No.	Inlet	Outlet	Flow GPM	Operating Pressure PSI
2325	1-1/2" F	1-1/2" M	95	150
2328	1-1/2" F	1-1/2" M	90	200
2901	1-1/2" F	1-1/2" M	90	200
2120	2-1/2" F	2-1/2" M	120	200
2302	2-1/2" F	2-1/2" M	250	150
2305	2-1/2" F	2-1/2" M	500	150
2307	2-1/2" F	2-1/2" M	700	150
2310	2-1/2" F	2-1/2" M	1000	150

Ordering Information

Part No.	Description
2302	250 gpm Advantage™ eductor
2305	500 gpm Advantage™ eductor
2307	700 gpm Advantage™ eductor
2310	1000 gpm Advantage™ eductor



2310

Quick-Attack™ Foam Tubes

When you need instant foam capabilities, you need the Quick-Attack Foam Tube from Akron®. The



expansion power of this easier-to-use, lightweight foam tube delivers harder hitting air-aspirated foam. The Pyrolite® foam tube is designed to easily and quickly clamp on to various Akron® nozzles.

- Easily clamps onto the nozzle bumper
- Provides air-aspirated foam capability with up to 14:1 expansion ratio
- Flow - No. 755 - 30 gpm (115 lpm)
All others up to 125 gpm (475 lpm)
- Rugged, lightweight Pyrolite® construction
- For use with Class A and B foams
- Length - No. 755 - 11-1/2"
All others - 16-3/4"

No.	Nozzle Compatibility	Nozzle Bumper Diameter
755	<ul style="list-style-type: none"> • 1" Turbojet®* • 1" Assault 	3"
765	<ul style="list-style-type: none"> • 1-1/2" Turbojet®* • 1-1/2" Industrial Turbojet® 	3-3/8"
766	<ul style="list-style-type: none"> • 1" & 1-1/2" Turbojet®* 	3-5/8"
768	<ul style="list-style-type: none"> • Mid-Range Turbojet®* • Mid-Range & 2-1/2" SaberJets™ 	4-1/2"
775	<ul style="list-style-type: none"> • 1-1/2" Nos. 3015-3021 fog nozzles 	3-5/8"
777	<ul style="list-style-type: none"> • 1-1/2" and Mid-Range Assaults • Wide-Range Turbojet®* • 1" & 1-1/2" SaberJets™ 	3-7/8"
785	<ul style="list-style-type: none"> • 2-1/2" Industrial Turbojet® 	4-1/4"

*Due to various nozzle designs of the Turbojet - check the nozzle bumper diameter before ordering.

Master Stream Foam Nozzles

Easily connects to a 2-1/2" Monitor discharge for reach up to 165 feet. Expansion rate up to 12:1. Pyrolite® construction.



3625



3626

Ordering Information

Part No.	Description
3625	Master Stream Foam Nozzle For use with all foam types. Flow is preset at 500 gpm (1900 lpm), easily converts to 250 gpm (950 lpm) at 100 psi (700 kPa/7 bar). 2-1/2" Swivel Inlet Length - 29-1/16", Weight - 6-1/4 lbs.
3626	Master Stream Foam Nozzle with Dispersion Jaws For use with AFFF Type Foams. Flow is preset at 800 gpm (3000 lpm) at 150 psi (1000 kPa/10 bar). 2-1/2" Swivel Inlet Length - 28", Weight - 10 lbs.

Handline Foam Tubes

Made of a combination of Akrolite™ and Pyrolite®. Ideal for use with all foam types. Expansion rate up to 14:1.

Foam Nozzle With Pickup Tube

(Set at 6% pickup rate, easily changed to 3%)

Ordering Information

Part No.	Description
3601	60 gpm (230 lpm), 1-1/2" swivel inlet, 30-1/4" long, weight 5 lbs.
3951	95 gpm (360 lpm), 1-1/2" swivel inlet, 38" long, weight 6 lbs.
3121	120 gpm (460 lpm), 2-1/2" swivel inlet, 41" long, weight 7 lbs.



3951

Low Expansion Nozzles

Used with all low expansion foam agents. Portable air aspirating stainless steel nozzle with ball shutoff valve. Recommended for use with the ANSUL Model Z eductor.

Ordering Information

Part No. Description

- 415981 Model KR-S2, 60 gpm @ 100 psi, recommended for use with No. Z-2 eductor.
- 415982 Model KR-S4, 120 gpm @ 100 psi, recommended for use with No. Z-4 eductor



415981

Medium Expansion Nozzles

Portable, air aspirating stainless steel nozzle with ball shutoff valve. Recommended for use with the ANSUL Model Z eductor and ANSULITE 3x3, FULL-EX Multi-Expansion foam or SILV-EX Class A Foam.

Ordering Information

Part No. Description

- 415983 Model KR-M2, 60 gpm @ 100 psi, recommended for use with No. Z-2 eductor.
- 415984 Model KR-M4, 120 gpm @ 100 psi, recommended for use with No. Z-4 eductor



415983

Dual Expansion Nozzles

Easily convertible from medium to low expansion. Air aspirating stainless steel nozzle with ball shutoff valve. Recommended for use with the ANSUL Model Z eductor and ANSULITE 3x3, FULL-EX Multi-Expansion foam or SILV-EX Class A Foam.

Ordering Information

Part No. Description

- 415985 Model KR-S/M2, 60 gpm @ 100 psi, recommended for use with No. Z-2 eductor.



415985

Foam Eductors (Not Shown)

Metering valve adjustable from 0 to 6%. Efficient, low cost proportioning. Brass construction, anodized aluminum couplings with NHT threads.

Ordering Information

Part No. Description

- 415970 Model Z-2, 60 gpm
- 415980 Model Z-4, 120 gpm

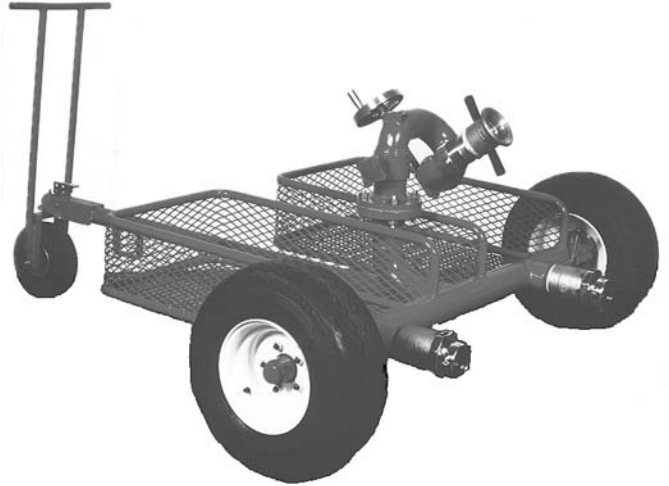
No. TAC-MT-001

Standard Features:

- Two 2-1/2" brass clappered inlets
- Hose baskets on each side
- Ball hitch with third wheel
- 3" flange mount for monitor
- Spring loaded wheel locks
- Red acrylic urethane paint

Optional Equipment:

- 4" flange for monitor inlet connection
- Fire water monitor with 3" or 4" flanged base
- 500 to 1000 GPM nozzle of your choice
- Additional 2-1/2" clappered inlet connections
- Customized hose basket arrangements
- Customized painting requirements



Manufactured by
Dooley Tackaberry

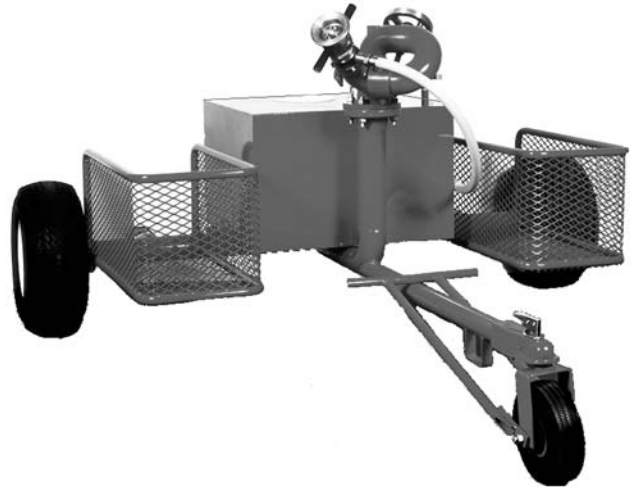
No. TAC-MT-AFFF-001

Standard Features:

- Two 2-1/2" brass clappered inlets
- Hose baskets on each side
- Ball hitch with third wheel
- 3" flange mount for monitor
- Spring loaded wheel locks
- 30 gallon S.S. AFFF storage tank
- Red acrylic urethane paint

Optional Equipment:

- 4" flange for monitor inlet connection
- Fire water monitor with 3" or 4" flanged base
- 350 to 500 GPM Hydrofoam® nozzle
- Additional 2-1/2" clappered inlet connections
- Customized hose basket arrangements
- Custom sized AFFF storage tank
- Customized painting requirements



36 Gallon Mobilfoam Cart

The ANSUL Mobile firefighting foam-attack cart is a self contained fast response cart ideal for small fires and chemical spills. It comes with a 36-gallon foam concentrate tank, a choice of three (3) different types of nozzles at flows of 60 or 120 gpm, a matching eductor, and two (2) 50 ft. lengths of 1-3/4 double jacket rubber lined fire hose with NST couplings.



Ordering Information

Part No.	Description
429952	Cart with 60 gpm low expansion KR-S2 foam nozzle
429953	Cart with 60 gpm medium expansion KR-M2 foam nozzle
429954	Cart with 60 gpm waterfog nozzle
429955	Cart with 125 gpm low expansion KR-S4 foam nozzle
429956	Cart with 125 gpm medium expansion KR-M4 foam nozzle
429957	Cart with 125 gpm waterfog nozzle

Foam Concentrates

Packaged in 5 gallon pails

Part No.	Description
55797	ANSULITE® 3x6
420008	JET-X High Expansion

MasterFoam Tote-Trailer

Trailer assembly constructed of structural steel channel with dual axles, wheels and tires designed to carry trailer's gross weight with equipment including 265 gallon foam tote tank made of high density polyethylene and protected by a rigid welded galvanized tubular steel grid.

Let Dooley Tackaberry custom design and build your next requirement for foam carts and or proportioning foam trailers.



Foam Chamber / Maker

ANSUL® foam chambers are air-aspirating devices designed specifically to protect flammable liquid storage tanks. They discharge expanded foam down the inside tank wall where it spreads gently across the liquid surface. This gentle application helps prevent the foam from submerging and agitating the fuel thereby providing a tough, vapor suppressing, fuel cooling blanket.

Features:

- Choice of four foam chamber sizes for various foam solution flow rate requirements
- Hinged inspection hatch with captive bolt securement for ease of inspection and maintenance
- Choice of primed or enamel finish; or polyimide epoxy for marine and other corrosive environments
- Teflon vapor seal allows unrestricted flow of expanded foam
- Convenient vapor seal replacement without removal of retaining bolts
- UL Listed



Ordering Information

Part No. Finish

AFC-90 - Flow range: 49-151 gpm

- 75887 Primed
- 75883 Enamel
- 75879 Epoxy

AFC-170 - Flow range: 94-279 gpm

- 75888 Primed
- 75884 Enamel
- 75880 Epoxy

Ordering Information

Part No. Finish

AFC-330 - Flow range: 183-610 gpm

- 75889 Primed
- 75885 Enamel
- 75881 Epoxy

AFC-550 - Flow range: 350-980 gpm

- 75890 Primed
- 75886 Enamel
- 75882 Epoxy

Foam Chamber Accessories:

(A) Split Deflector - Directs foam stream down tank sidewall to lessen the submergence of the foam and agitation of the fuel surface. Allows for bolting or welding to storage tanks.

(B) Vapor Seal Assembly

(C) Cover Gasket - Teflon construction, meets UL required burst pressure range of 10 - 25 psi.

(D) Orifice Plate - Removable, sized to deliver the required flow rate of foam solution at a specified inlet pressure.

(E) Diverter Test Tube - Used for foam solution quality testing.

(F) Mounting Pad - Used to bolt foam chamber and deflector to storage tank. Contains mounting studs to fit standard flange holes.

Ordering Information

Part No.							
Size	(A) Split Deflector	(B) Vapor Seal	(C) Cover Gasket	(D) Orifice Plate	(E) Diverter Test Tube	(F) Mounting Pad	
						Primed	Epoxy
AFC-90	74376	418581	75985	74610	74408	74392	74390
AFC-170	74380	418582	75986	74611	74412	74396	74394
AFC-330	74384	418583	75987	74612	74416	74400	74398
AFC-550	74388	418584	75988	74613	74420	74404	74402