



FIREFIGHTING FOAM PRODUCTS CATALOG



Firefighting Foam Products Catalog

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Please Note: In addition to the portable foam equipment listed in this catalog, Ansul also manufactures a variety of equipment made for fixed-foam system applications. These items include:

- Vertical and horizontal bladder tanks
- Bladder tank accessories
- Threaded and flanged proportioners
- In-line balanced pressure proportioners
- Polyethylene foam tanks

Please contact your Ansul Field Sales Representative or call Ansul Technical Services at 1-800-TO-ANSUL or 1-715-735-7415 for design and pricing information of fixed-foam systems.

Firefighting Foam Agents

ANSULITE® 1% AFFF Concentrate

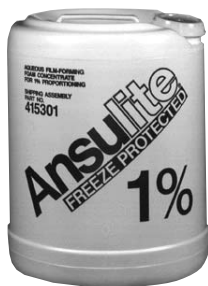


For use on Class B hydrocarbon fuel fires such as crude oils, gasoline, diesel fuels and aviation fuels. Aspirated or nonaspirated discharge devices. 1% solution in fresh, salt or hard water. 1% premix in fresh or potable water. UL Listed.

5 gal. (19 L) pail
PART NO. 55804

55 gal. (208 L) drum
PART NO. 55811

ANSULITE® 1% Freeze-Protected AFFF Concentrate

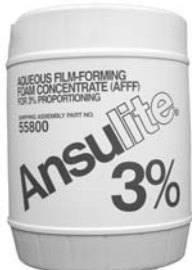


For use on Class B hydrocarbon fuel fires such as crude oils, gasoline, diesel fuels and aviation fuels. Aspirated or nonaspirated discharge devices. 1% solution in fresh, salt or hard water. 1% premix in fresh or potable water. Concentrate is freeze protected to -20°F (-29°C). UL Listed.

5 gal. (19 L) pail
PART NO. 415301

55 gal. (208 L) drum
PART NO. 415303

ANSULITE® 3% AFFF Concentrate (AFC-3-A)



For use on Class B hydrocarbon fuel fires such as crude oils, gasoline, diesel fuels, and aviation fuels. Aspirated or nonaspirated discharge devices. 3% solution in fresh, salt or hard water. 3% premix in fresh or potable water. UL Listed.

5 gal. (19 L) pail
PART NO. 55800

55 gal. (208 L) drum
PART NO. 55809

ANSULITE® PREMIUM 3% AFFF Concentrate MIL SPEC (AFC-5-A)



For use on Class B hydrocarbon fuel fires such as crude oils, gasoline, diesel fuels and aviation fuels. Aspirated or nonaspirated discharge devices. 3% solution in fresh, salt or hard water. 3% premix in fresh or potable water. UL Listed. On QPL under U.S. Military Specification MIL-F-24385F.

5 gal. (19 L) pail
PART NO. 68122

55 gal. (208 L) drum
PART NO. 68123

ANSULITE® 3% Freeze-Protected AFFF Concentrate



For use on Class B hydrocarbon fuel fires such as crude oils, gasoline, diesel fuels and aviation fuels. Aspirated or nonaspirated discharge devices. 3% solution in fresh, salt or hard water. 3% premix in fresh or potable water. Concentrate is freeze protected to -20°F (-29°C). UL Listed.

5 gal. (19 L) pail
PART NO. 54783

55 gal. (208 L) drum
PART NO. 54892

ANSULITE® 6% AFFF Concentrate (AFC-3)



For use on Class B hydrocarbon fuel fires such as crude oils, gasoline, diesel fuels and aviation fuels. Aspirated or nonaspirated discharge devices. 6% solution in fresh, salt or hard water. 6% premix in fresh or potable water. UL Listed.

5 gal. (19 L) pail
PART NO. 54391

55 gal. (208 L) drum
PART NO. 54392

ANSULITE® PREMIUM 6% AFFF Concentrate MIL SPEC (AFC-5)



For use on Class B hydrocarbon fuel fires such as crude oils, gasoline, diesel fuels and aviation fuels. Aspirated or nonaspirated discharge devices. 6% solution in fresh, salt or hard water. 6% premix in fresh or potable water. UL Listed. On QPL under U.S. Military Specification MIL-F-24385F.

5 gal. (19 L) pail
PART NO. 68120

55 gal. (208 L) drum
PART NO. 68121

ANSULITE® 3X3 Low Viscosity Alcohol-Resistant AFFF Concentrate



Superior firefighting performance on Class B fuel fires. Used as 3% concentrate on BOTH hydrocarbon fuels such as gasoline, fuel oil, etc., and polar solvent (water miscible) fuels such as methyl alcohol, acetone, MTBE, etc. Low viscosity formula enhances performance with in-line eductors, balanced pressure systems and built-in systems on firefighting vehicles. Aspirated or nonaspirated discharge devices. 3% solution in fresh, salt or hard water. 3% premix in fresh water. UL Listed, FM and USCG Approved.

5 gal. (19 L) pail
PART NO. 427103

55 gal. (208 L) drum
PART NO. 427104

Firefighting Foam Agents

ANSULITE® ARC Alcohol-Resistant 3%/6% AFFF Concentrate



For use on Class B fuel fires: 3% concentrate on hydrocarbon fuels such as gasoline, fuel oil, etc. and 6% on polar solvent (water miscible) fuels such as methyl alcohol, acetone, MTBE, etc. Aspirated or nonaspirated discharge devices. 3%/6% solution in fresh, salt or hard water. 3%/6% premix in fresh or potable water. UL Listed and FM Approved.

5 gal. (19 L) pail
PART NO. 55797

55 gal. (208 L) drum
PART NO. 55808

JET-X® 2 3/4% High-Expansion Foam Concentrate



For use on Class A, B and LNG fires. Capable of total flooding large rooms and enclosures when used with JET-X high-expansion generators at 200:1 to 1000:1 expansion ratios (2 1/2% concentration). Also used with medium-expansion equipment at 50:1 to 200:1 expansion ratios (2% concentration). Used only with air aspirating foam discharge devices. UL Listed and FM Approved.

5 gal. (19 L) pail
PART NO. 420008

55 gal. (208 L) drum
PART NO. 420009

SILV-EX® "Class A" Fire Control Concentrate



Makes water at least five times more effective on many Class A deep-seated applications including wild fires and fires found in structures, paper, tires, and coal. Proportioned from 0.1% to 1% in fresh brackish or sea water; as a premix in fresh or potable water for long-term storage. Delivered using aspirating and nonaspirating discharge devices, compressed air foam systems or dropped from fixed or rotary wing aircraft. Approved by U.S. Forest Service.

5 gal. (19 L) pail, PART NO. 75451

30 gal. (114 L) drum, PART NO. 79704

55 gal. (208 L) drum, PART NO. 75452

ANSUL® THUNDERSTORM® FOAM SAMPLE 6-PAC



For use as demos or trade show display. Contains 6 samples of various THUNDERSTORM foam products in a convenient wooden carry case.

6-Pac, PART NO. 432699

ANSULITE® FOAM SAMPLE 6-PAC



For use as demos or trade show display. Contains 6 samples of various ANSULITE foam products in a convenient wooden carry case.

6-Pac, PART NO. 431512

ANSUL® 3% Fluoroprotein Foam Concentrate

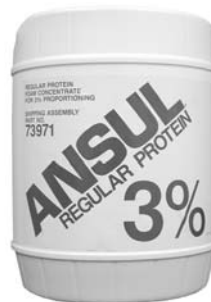


For use on Class B hydrocarbon fuel fires such as crude oils, gasoline, diesel fuels and aviation fuels. Must be used with air aspirating type discharge devices. 3% solution in fresh, salt or hard water. UL Listed.

5 gal. (19 L) pail
PART NO. 73973

55 gal. (208 L) drum
PART NO. 73972

ANSUL® 3% Regular Protein Foam Concentrate



For use on Class B hydrocarbon fuel fires such as crude oils, gasoline, diesel fuels and aviation fuels. Must be used with air aspirating type discharge devices. 3% solution in fresh, salt or hard water. UL Listed.

5 gal. (19 L) pail
PART NO. 73971

55 gal. (208 L) drum
PART NO. 73970

ANSULITE® ARC 3 or 6 Freeze Protected



Freeze Protected ANSULITE® ARC is intended for use as a 3% or 6% proportioned solution, depending on the type of fuel hazard. Fresh or salt water can be used to create the foam water solution. The foam concentrate may be stored at temperatures down to 0 °F (-18 °C) without freezing. If stored below the minimum use temperature, freezing may occur. If freezing does occur, thaw and remix the concentrate prior to use.

5 gal. (19 L) pail
PART NO. 415245

55 gal. (208 L) drum
PART NO. 415246

ANSUL-A™ Municipal "Class A" Fire Control Concentrate



ANSUL-A foam concentrate is formulated using fluorine-free surfactants to perform on Class A combustible materials. ANSUL-A is compatible for use in compressed air foam systems (CAFS) over the use range of 0.1% to 1.0%. The minimum storage temperature for this concentrate is 20 °F (-6.7 °C).

5 gal. (19 L) pail
PART NO. 433442

55 gal. (208 L) drum
PART NO. 433443

Most foam agents also available in 265-gallon tote containers or in bulk trailers.

Special Agents

TARGET 7™ Vapor Mitigation & Neutralizing Agent



For use on highly toxic chemicals like chlorine dioxide and titanium tetrachloride. Mitigates dangerous vapor releases and simultaneously neutralizes (with the addition of an acidic or caustic agent, depending on the application) the spilled material without causing additional vapor release.

5-gal. (19L) pail

PART NO. 428500

55-gal. (208L) drum

PART NO. 428499

Training Foam



Not intended for live fire training or for actual firefighting operations. Functional in any proportioning and generating equipment. Minimizes effects of training on the environment. Expansion and drainage characteristics similar to conventional 3% and 6% AFFF products.

5-gal. (19L) pail

PART NO. 428704

55-gal. (208L) drum

PART NO. 428706

Handline Nozzles and Eductors

Handline Nozzles

Designed for industrial and municipal use. Lightweight and rugged. Adjustable tip offers straight stream, various fog patterns, 180° water curtain and a complete shutoff.



Handline Nozzle D4, 60 gpm, 1 1/2 in. NHT thread

PART NO. 402621

Handline Nozzle, D4, 95 gpm, 1 1/2 in. NHT thread

PART NO. 402975

Handline Nozzle, D4, 120 gpm, 1 1/2 in. NHT thread

PART NO. 402623

Handline Nozzle, D4, 60 gpm, 1 1/2 in. NPSH thread

PART NO. 402620

Handline Nozzle, D4, 95 gpm, 1 1/2 in. NPSH thread

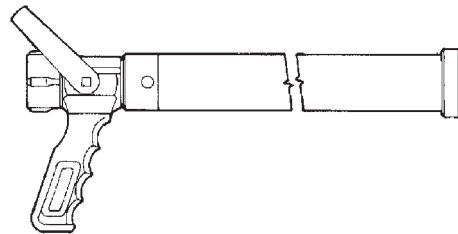
PART NO. 402968

Handline Nozzle, D4, 120 gpm, 1 1/2 in. NPSH thread

PART NO. 402622

Air-Aspirating Handline Nozzles

Used with all low expansion foam agents. Stainless steel nozzle. 1-1/2 in. hose. 200 ft. max. when used with matching PL – eductor.



Without Shutoff, 60 gpm (227 Lpm)

PART NO. 77796

With Shutoff, 60 gpm (227 Lpm). Pistol-grip shutoff in anodized aluminum. Recommended for use with Ansul PL-60 line proportioner.

PART NO. 77792

Without Shutoff, 95 gpm (360 Lpm). Recommended for use with Ansul PL-95 line proportioner. 100 ft. max. hose between line proportioner and nozzle.

PART NO. 77797

With Shutoff, 95 gpm (360 Lpm). Pistol-grip shutoff in anodized aluminum. 100 ft. max. Recommended for use with Ansul PL-95 line proportioner.

PART NO. 77793

Without Shutoff, 120 gpm (454 Lpm). 100 ft. max. Recommended for use with Ansul PL-120 line proportioner.

PART NO. 77981

With Shutoff, 120 gpm (454 Lpm). Pistol-grip shutoff in anodized aluminum. 100 ft. max. Recommended for use with Ansul PL-120 line proportioner.

PART NO. 78419

Handline Nozzles and Eductors

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.

KR-S2 Low Expansion Nozzle
60 gpm (227 Lpm) @ 100 psi (7 bar). Recommended for use with Ansul Z-2 eductor.

PART NO. 415981



KR-S4 Low Expansion Nozzle
120 gpm (454 Lpm) @ 100 psi (7 bar). Recommended for use with Ansul Z-4 eductor.

PART NO. 415982

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.

KR-M2 Medium Expansion Nozzle
60 gpm (227 Lpm) @ 100 psi (7 bar).
Recommended for use with Ansul Z-2 eductor.

PART NO. 415983



KR-M4 Medium Expansion Nozzle
120 gpm (454 Lpm) @ 100 psi (7 bar). Recommended for use with Ansul Z-4 eductor.

PART NO. 415984

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 or SILV-EX Class A Foam.

KR-S/M2 Dual Expansion Nozzle
60 gpm (227 Lpm) @ 100 psi (7 bar). Recommended for use with Ansul Z-2 eductor.

PART NO. 415985



KR-S/M4 Dual Expansion Nozzle
120 gpm (454 Lpm) @ 100 psi (7 bar). Recommended for use with Ansul Z-4 eductor.

PART NO. 415986

FWB Eductor with Pickup Tube and Metering Valve

Brass construction. Flexible pickup hose and valve adjustable from 1 to 6% concentration.

1 1/2 in. NH, 60 gpm (227 Lpm)

PART NO. 420068

1 1/2 in. NH, 95 gpm (360 Lpm)

PART NO. 420069

1 1/2 in. NPSH, 60 gpm (227 Lpm)

PART NO. 421466

1 1/2 in. NPSH, 95 gpm (360 Lpm)

PART NO. 421473

Pickup Tube, 1 1/2 in. Replacement

PART NO. 420071

2 1/2 in. NH, 120 gpm (454 Lpm)

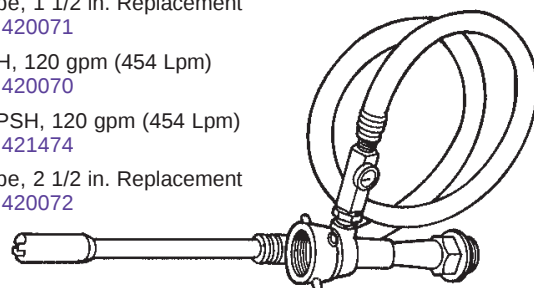
PART NO. 420070

2 1/2 in. NPSH, 120 gpm (454 Lpm)

PART NO. 421474

Pickup Tube, 2 1/2 in. Replacement

PART NO. 420072



Foam Eductors

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

Z-2 Foam Eductor,

60 gpm (227 Lpm).

PART NO. 415979

Z-4 Foam Eductor,

120 gpm (454 Lpm).

PART NO. 415980



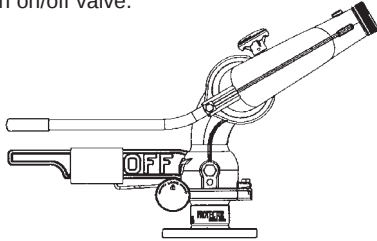
Monitors

MANUAL MONITORS

Protector Station Monitor

Patented waterway and stream straightening vane reduce friction loss and turbulence. Designed to deliver water or foam solution at flows up to 1250 gpm. Bolts directly to 4 in. pipe flange. 2 1/2 in. male NHT outlet. 1/2 in. NPT drain valve and pressure gauge ports. Brass construction. Built-in on/off valve.

PART NO. 427469



MM-4 Manual Monitor

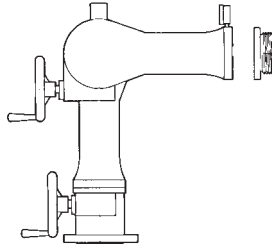
Designed to deliver over 2000 gpm (7570 Lpm). Water or foam solution. Aluminum or brass waterway. 4 in. 150 lb. ANSI mounting flange. 360° sweep. 160° total vertical movement. Hand wheels control rotation and elevation. 4 in. flanged outlet (see optional NHT nozzle adapters). Pressure gauge and nozzle adaptors available upon request.

Aluminum

PART NO. 402750

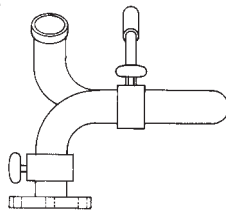
Brass

PART NO. 402770



Manual Monitor MM-1000-3

Designed to deliver 1000 gpm (3785 Lpm) water or foam solution depending on nozzle selected. 3 in. continuous tubing reduces friction loss. Single tiller bar operation with lock knobs. 3 in. 150 lb. ANSI mounting flange. 360° sweep. 160° total vertical movement. 2 1/2 in. male NHT outlet. Carbon or stainless steel construction with red polyester finish.

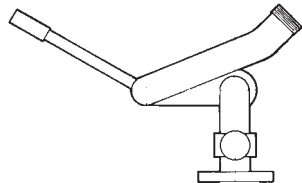


MM-1000-3

PART NO. 400276

SS-MM-1000-3

PART NO. 402825



Manual Monitor MM-1000-4

Designed to deliver 1000 gpm (3785 Lpm) water or foam solution depending on nozzle selected. 3 in. continuous tubing reduces friction loss. Single tiller bar operation with lock knobs. 4 in. 150 lb. ANSI mounting flange. 360° sweep. 160° total vertical movement. 2 1/2 in. male NHT outlet. Carbon or stainless steel construction with red polyester finish.

MM-1000-4

PART NO. 400286

SS-MM-1000-4

PART NO. 402826

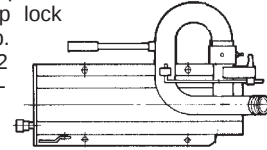
AUTOMATIC WATER-OSCILLATING MONITORS

WOM-3 Water-Oscillating Monitor

Designed to deliver 1000 gpm (3785 Lpm) water or foam solution. Automatically oscillates via water-powered piston and cylinder. Field adjustable up to 200° sweep. 90° total vertical movement. Nonslip lock sets elevation. 4 in. 150 lb. ANSI mounting flange. 2 1/2 in. male NHT outlet. Stainless steel available.

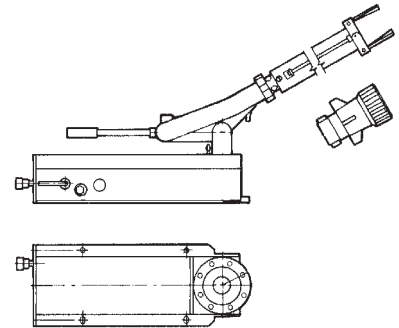
WOM-3

PART NO. 400000



WOM-3SS

PART NO. 400251

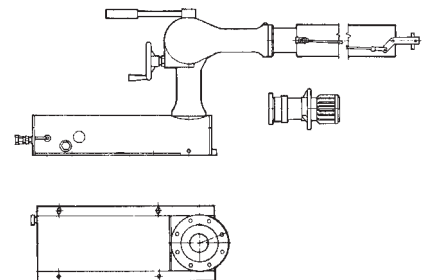
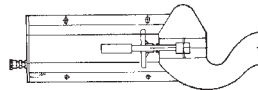


WOM-4 Water-Oscillating Monitor

Designed to deliver 2000 gpm (7571 Lpm) water or foam solution. Automatically oscillates via water-powered piston and cylinder. Field adjustable up to 165° sweep. 114° total vertical movement. Nonslip lock sets elevation. 4 in. 150 lb. ANSI mounting flange. Special outlet flange connection for AFN-2 foam nozzle. Outlet adaptor available to NHT. Optional support stand available.

WOM-4

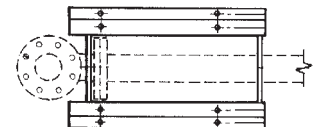
PART NO. 402675



Support Stand (WOM-3/WOM-4)

Steel support stand facilitates mounting of monitor and inlet piping.

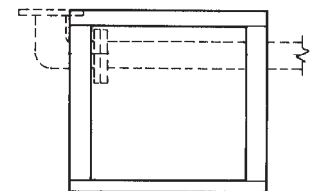
PART NO. 400987



Filter Package (WOM)

Alternate filter package for muddy water applications. Fits WOM-3 and WOM-4 monitors.

PART NO. 77814



Monitors

HIGH-FLOW SERIES MONITORS/NOZZLES

The High-Flow Series achieves flow rates from 800 to more than 5000 gallons per minute (3000 to 18927 Lpm) depending on the model, nozzle setting, and inlet pressure. The dual waterway design, integrated nozzle, lightweight stainless steel construction and integral copper alloy nozzle make the High-Flow Series well suited for marine applications and other corrosive environments. The manual monitor is available with a standard or self-educing nozzle.

FJM-80, 1000 gpm @ 232 psi (3785 Lpm @ 16 bar)

PART NO. 431100

FJM-80 S with suction hose*,

1000 gpm @ 232 psi (3785 Lpm @ 16 bar)

PART NO. 431101

FJM-80 P, 800 gpm @ 200 psi (3000 Lpm @ 13.8 bar)

PART NO. 431102

FJM-80 SP with suction hose*,

800 gpm @ 200 psi (3000 Lpm @ 13.8 bar)

PART NO. 431103

FJM-80 PO, 800 gpm @ 200 psi (3000 Lpm @ 13.8 bar)

PART NO. 431104

FJM-80 SPO with suction hose*,

800 gpm @ 200 psi (3000 Lpm @ 13.8 bar)

PART NO. 431105

FJM-100, 1600 gpm @ 232 psi (6000 Lpm @ 16 bar)

PART NO. 431106

FJM-100 S with suction hose*,

1600 gpm @ 232 psi (6000 Lpm @ 16 bar)

PART NO. 431107

FJM-100/K EL**, 1600 gpm @ 232 psi (6000 Lpm @ 16 bar)

PART NO. 431108

FJM-150, 3100 gpm @ 232 psi (11700 Lpm @ 16 bar)

PART NO. 431109

FJM-150 S with 2 in. suction

hose*, 3100 gpm @ 232 psi

(11700 Lpm @ 16 bar)

PART NO. 431110

FJM-150 G, 3100 gpm @ 232 psi (11700 Lpm @ 16 bar)

PART NO. 431111

FJM-150 S G with 2 in. suction hose*,

3100 gpm @ 232 psi (11700 Lpm @ 16 bar)

PART NO. 431112

FJM-150/K EL**, 3100 gpm @ 232 psi (11700 Lpm @ 16 bar)

PART NO. 431113

FJM-200/K G, 5300 gpm @ 232 psi (20000 Lpm @ 16 bar)

PART NO. 431114

FJM-200/K S G with suction hose*,

5300 gpm @ 232 psi (20000 Lpm @ 16 bar)

PART NO. 431115

FJM-200/K EL/MV**, 5300 gpm @ 232 psi (20000 Lpm @ 16 bar)

PART NO. 431116

* Specify flow, inlet pressure, concentrate and % concentration

** Specify voltage and current type

EL = electric gear motor driven; G = gear operated; K = rotational coupling has ball bearings; O = water oscillating; P = portable; S = self educating



MODEL FJM-200

Master Stream Monitor Nozzles

Industrial Nozzles

Fixed orifice constant flow monitor nozzle. User adjustable fog angle from 90° to straight stream. 2-1/2 in. FNHT. Brass with UV-resistant rubber bumper. Recommended for use with Protector Station, MM-1000, WOM-3 and WOM-4 monitors.

Industrial Nozzle, 350

350 gpm @ 100 psi (1325 Lpm @ 7 bar).
Range is 183 ft. @ 100 psi (55.8 m @ 7 bar)

PART NO. 427471



Industrial Nozzle, 500

500 gpm @ 100 psi (1893 Lpm @ 7 bar). User adjustable fog angle from 90° and straight stream. Range is 200 ft. @ 100 psi (61 m @ 7 bar)

PART NO. 427472

Industrial Nozzle, 750

750 gpm @ 100 psi (2839 Lpm @ 7 bar). User adjustable fog angle from 90° and straight stream. Range is 219 ft. @ 100 psi (66.8 m @ 7 bar).

PART NO. 427473

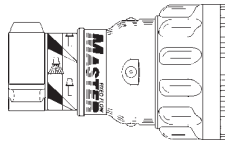
Industrial Nozzle, Specify gpm

Specify flow and pressure when ordering. Factory ordered fixed orifice: K-factors of 75-125. User adjustable fog angle from 90° and straight stream.

PART NO. 427474 (Specify Flow and Pressure)

M-IF Nozzle

Fixed orifice constant flow monitor nozzle. Clean, far-reaching straight stream with flows up to 1250 gpm (473 Lpm). Also adjustable to dense fog. Factory ordered fixed orifice: K-factors of 15-75. 2-1/2 in. FNHT. Hard-coat anodized aluminum.



PART NO. 427475 (Specify Flow and Pressure)

D5 Nozzles

Easily adjustable under high pressure: straight stream to full fog. 2-1/2 in. FNHT. Standard zerk fitting. Lightweight aluminum alloy. Refer to technical data sheet for flow and range characteristics.

D5-HN Nozzle Without shut-off.

PART NO. 400785

D5-HS Nozzle With shut-off.

PART NO. 400821

D5B-N Without shut-off. Brass.

PART NO. 400793

D5B-S With shut-off. Brass.

PART NO. 400822



Spitfire Nozzles

Fixed orifice constant flow monitor nozzle. Water or AFFF. 2-1/2 in. FNHT. Hard anodized aluminum. K-factors of 44-105.

Spitfire Nozzle

Recommended for use with Protector Station, MM-1000, WOM-3, WOM-4, and RCM-2 monitors. Standard twist adjustment: straight stream to full fog.

PART NO. 400820

(Specify Flow and Pressure)



Spitfire Nozzle with Hydraulic Control

Recommended for use with the RCM-2 monitor. Hydraulically adjustable from straight stream to full fog.

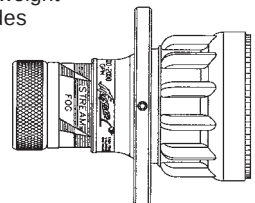
PART NO. 400819 (Specify Flow and Pressure)



Monsoon Nozzle

300 – 2000 gpm @ 100 psi (1136 – 7571 Lpm @ 7 bar). Automatic high volume master stream nozzle designed to a constant 100 psi at the nozzle throughout its range. Lightweight hardcoat anodized aluminum provides maximum resistance to corrosion and water. Recommended for use with Ansul's MM-4 Manual Monitor.

PART NO. 427470



Master Foam Monitor Nozzles

Self-Educting Nozzles

Emits foam concentrate at .5, 1, 3, or 6 %. User adjustable fog angle from 120° and straight stream. Brass with UV-resistant rubber bumper. 2-1/2 in. FNHT. Recommended for use with Protector Station, MM-1000 or SS-MM-1000 monitors.

350 gpm @ 100 psi (1325 Lpm @ 7 bar). Range up to 160 ft. @ 100 psi (55.8 m @ 7 bar).

PART NO. 427460

PART NO. 427463 – UL Listed

500 gpm @ 100 psi (1893 Lpm @ 7 bar). Range up to 175 ft. @ 100 psi (61 m @ 7 bar).

PART NO. 427461

PART NO. 427464 – UL Listed

750 gpm @ 100 psi (2839 Lpm @ 7 bar). Range up to 190 ft. @ 100 psi (66.8 m @ 7 bar).

PART NO. 427462

PART NO. 427465 – UL Listed

Single and Dual Drum Kits

When this kit is properly inserted into a 55-gal. foam drum and connected to any Ansul self-educting nozzle, foam is pulled from the drum to the nozzle. Drum Kit provides a readily available supply of foam to the nozzle. Each corrosion resistant kit consists of a PVC pick up tube and fittings, brass valve, glass filled polypropylene quick connect fittings and a vacuum relief valve.

Single Foam Drum Kit, 45 in. (114 cm)

PART NO. 428925

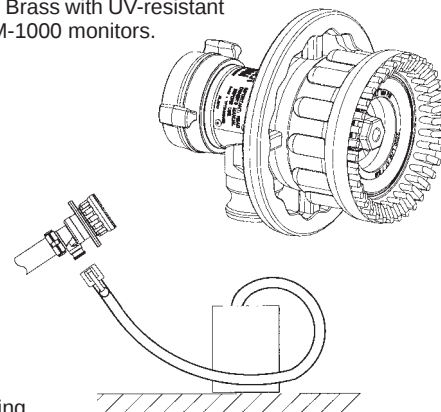
Dual Foam Drum Kit, 45 in. (114 cm)

PART NO. 429414

Add-on Foam Drum Kit, 45 in. (114 cm)

PART NO. 428926

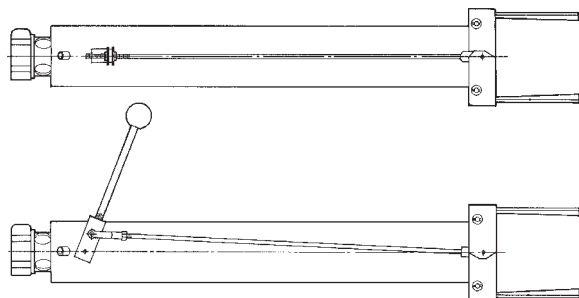
The Dual Foam Drum Kit = Single Foam Drum Kit + Add-on Foam Drum Kit



Air-Aspirating Foam Nozzles

AFN-1 Nozzles

Orifice plates can be sized from 250 - 1000 gpm (946-3785 Lpm) based on inlet pressure. Range from 50 - 190 ft. (15-58 m) depending on pressure and elevation. 2-1/2 in. FNHT inlet swivel coupling attaches to WOM-1, MM-1000, and MM-3 monitors. Hard anodized aluminum with stainless steel fasteners and adjustment rod.



AFN-1 Nozzle

Field adjustable stream pattern from even fan to full straight stream.

PART NO. 400200

AFN-1M Nozzle

Lever-operated stream pattern from even fan to full straight stream.

PART NO. 400336

AFN-1M-SS

Stainless steel nozzle, fasteners and adjustment rod. 2-1/2 in. FNHT inlet swivel coupling attaches to WOM-3, MM-1000 and MM-3 monitors. Lever-operated stream pattern from even fan to full straight stream.

PART NO. 400326

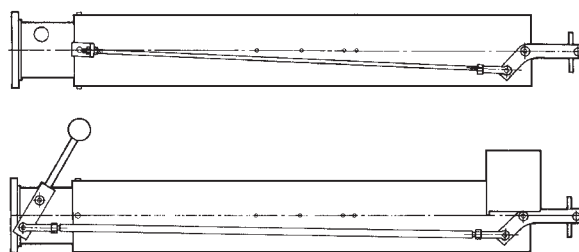
AFN-1-SS Nozzle

Stainless steel nozzle, fasteners and adjustment rod.

PART NO. 400380

AFN-2 Nozzles

Orifice plates can be sized from 700 - 2000 gpm (2560-7571 Lpm) based on inlet pressure. Range from 60 to 200 ft. (18-61 m) depending on pressure and elevation. Special flange inlet joint and O-ring attaches to WOM-4 monitor. Hard anodized aluminum with stainless steel fasteners and adjustment rod.



AFN-2 Nozzle

Field adjustable stream pattern: dispersed or full straight stream.

PART NO. 77088

AFN-2M Nozzle

Lever-operated stream pattern: dispersed or full straight stream.

PART NO. 77115

AFN-2-SS Nozzle

Stainless steel nozzle, fasteners and adjustment rod. Field adjustable stream pattern: dispersed or full straight stream.

PART NO. 77117

AFN-2M-SS Nozzle

Stainless steel nozzle, fasteners and adjustment rod. Lever-operated stream pattern: dispersed or full straight stream.

PART NO. 77116

MOBILFOAM Carts

36 Gallon Foam 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 (3) different-types of nozzles at flows of 60 or 120 gpm (227 or 454 Lpm), a matching eductor, and (2) 50 ft. lengths of 1 3/4 in. double-jacketed and lined firehose with NHT fittings. Please specify nozzle and part number when ordering.

Cart with 60 gpm low expansion KR-S2 foam nozzle

[PART NO. 429952](#)

Cart with 60 gpm medium expansion KR-M2 foam nozzle

[PART NO. 429953](#)

Cart with 60 gpm Waterfog nozzle

[PART NO. 429954](#)

Cart with 125 gpm low expansion KR-S4 foam nozzle

[PART NO. 429955](#)

Cart with 125 gpm medium expansion KR-M4 foam nozzle

[PART NO. 429956](#)

Cart with 125 gpm Waterfog nozzle

[PART NO. 429957](#)



Proportioning Foam Trailers

Proportioning Foam Trailer

Trailer assembly constructed of structural steel channel with axle(s), wheels and tires designed to carry trailer's gross weight with equipment including carbon steel tank with removable gasketed top, in-line balanced pressure proportioning system and positive displacement foam concentrate pump.

PTF-500, 500 gal. (1893 L)

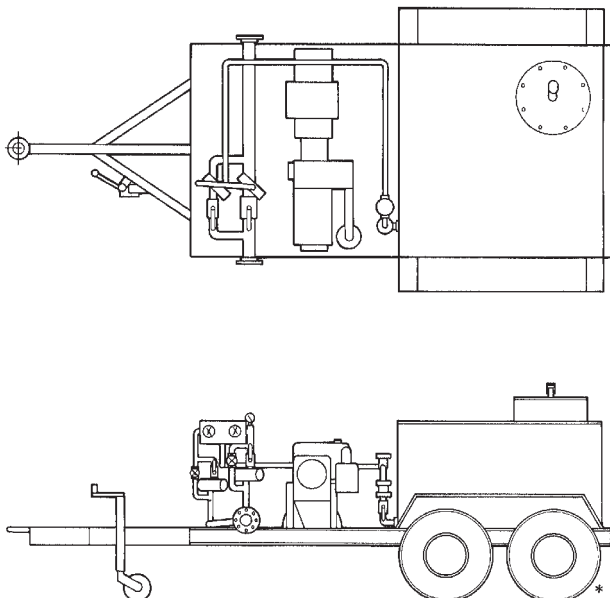
[PART NO. 415144](#)

PTF-750, 750 gal. (2839 L)

[PART NO. 415145](#)

PTF-1000, 1000 gal. (3785 L)

[PART NO. 415146](#)



MasterFoam Tote-Trailer

Trailer assembly constructed of structural steel channel with axle(s), wheels and tires designed to carry trailer's gross weight with equipment including 275 gal. (1041 L) capacity foam tote tank made of high-density polyethylene and protected by a rigid welded galvanized tubular steel grid. Also includes a Protector Station Monitor with built-in on/off valve and Ansul MasterFoam nozzle

[PART NO. 428560](#)



Around-the-Pump Proportioners

Around-the-Pump Proportioner

Proportions foam concentrate and water at the desired percentage in a fire pump system. Can be used for various shipboard applications.

Model Dual B-2 Pkg. 20-400 gpm (76-1515 Lpm), ATP, Class A and B
[PART NO. 420011](#)

Model B-2 Pkg. 20-400 gpm (76-1515 Lpm), ATP, Class B
[PART NO. 420012](#)

Model W-2 Pkg. 20-400 gpm (76-1515 Lpm), ATP, Class A
[PART NO. 420013](#)

Model 1200 Pkg. 60-1200 gpm (227-4543 Lpm), ATP, Class B
[PART NO. 420014](#)

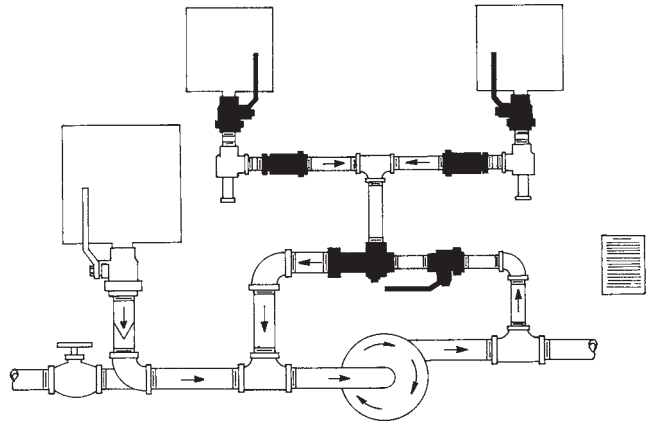
Model 1600 Pkg. 150-1600 gpm (568-6057 Lpm), ATP, Class B
[PART NO. 420015](#)

Eductor
[PART NO. 420016](#)

Metering Valve, 1-L
[PART NO. 420017](#)

Metering Valve, 1-W
[PART NO. 420018](#)

Metering Valve, Panel Mount
[PART NO. 420019](#)



FLOW-MIX Foam Proportioner

FLOW-MIX 500 Foam Proportioner

Fully self-contained, positive pressure, foam concentrate to water proportioner. Proportions a foam liquid concentrate into a water stream up to 1% concentration. Adjustable, precision metering valve. Requires no outside power source. Removable pickup tube for refilling.

[PART NO. 415148](#)



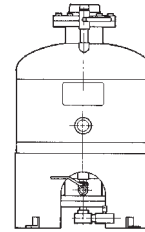
36-Gallon Foam Station

Bladder Tank

Elastomeric bladder stores foam liquid concentrate discharged by incoming water applying pressure to bladder.

Enamel

PART NO. 404127

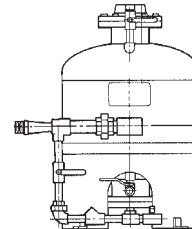


Bladder Tank Pre-Piped to 2 in. Proportioner

Bladder tank with 2 in. proportioner for nominal flow range of 30-300 gpm (114-1136 Lpm).

Enamel

PART NO. 403942



Foam Station with Hose Reel and Nozzle

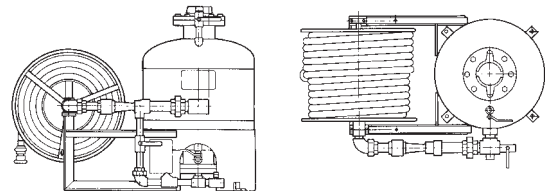
Continuous flow hose reel with straight-through internal fittings, designed to provide a minimum pressure drop. 1 1/2 in. hard rubber booster hose. Nozzle is variable stream (water/AFFF), rated for nominal flow of 95 gpm (379 Lpm) at 100 psi (7 bar).

Enamel 75 ft. hose

PART NO. 76400

Enamel, 100 ft. hose

PART NO. 404103



Floating Roof Foam Makers

Floating Roof Foam Maker, Stainless Steel

Flow ranges based on 30 psi for smallest orifice and 100 psi (7 bar) for largest. Removable orifice plate delivers foam solution over a range of flow rates depending on inlet pressure.

FLR-30

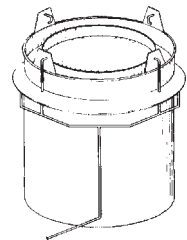
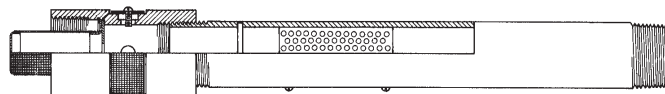
7 - 59 gpm (26-223 Lpm) flow range.

PART NO. 75615

FLR-90

31 - 150 gpm (117-568 Lpm) flow range.

PART NO. 75633



Floating Roof Foam Pourers

Air aspirating foam discharge device designed to protect floating roof, flammable liquid storage tanks. Classified as Type II discharge device in accordance with NFPA 11, "Standard for Low-Expansion Foam." Flow range 30 - 150 psi (2-10 bar). Designed for UL Listed floating roof foam maker.

FLR-30-FP

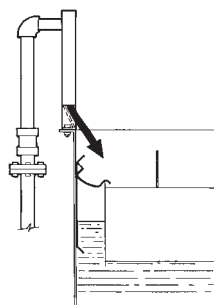
7-71 gpm (26-269 Lpm) flow range. A stainless steel foam solution strainer is provided.

PART NO. 428170

FLR-90-FP

31-184 gpm (117-696 Lpm) flow range

PART NO. 428171



Foam Chambers

Foam Chamber/Maker

Air aspirating foam discharge device used to protect flammable liquid storage tanks. Foam expansion chamber, integral foam maker, stainless steel screened air inlet and orifice plate. Flow range: 49–151 gpm (185–572 Lpm) at 40–100 psi (3–7 bar).

AFC-90

Flow range: 49 – 151 gpm (185–572 Lpm) at 40–100 psi (3–7 bar)

AFC-90, Primed, [PART NO. 75887](#)

AFC-90, Enamel, [PART NO. 75883](#)

AFC-170

Flow range: 94 – 279 gpm (356–1033 Lpm) at 40–100 psi (3–7 bar)

AFC-170, Primed, [PART NO. 75888](#)

AFC-170, Enamel, [PART NO. 75884](#)

AFC-330

Flow range: 183 – 610 gpm (693–2309 Lpm) at 40–100 psi (3–7 bar)

AFC-330, Primed, [PART NO. 75889](#)

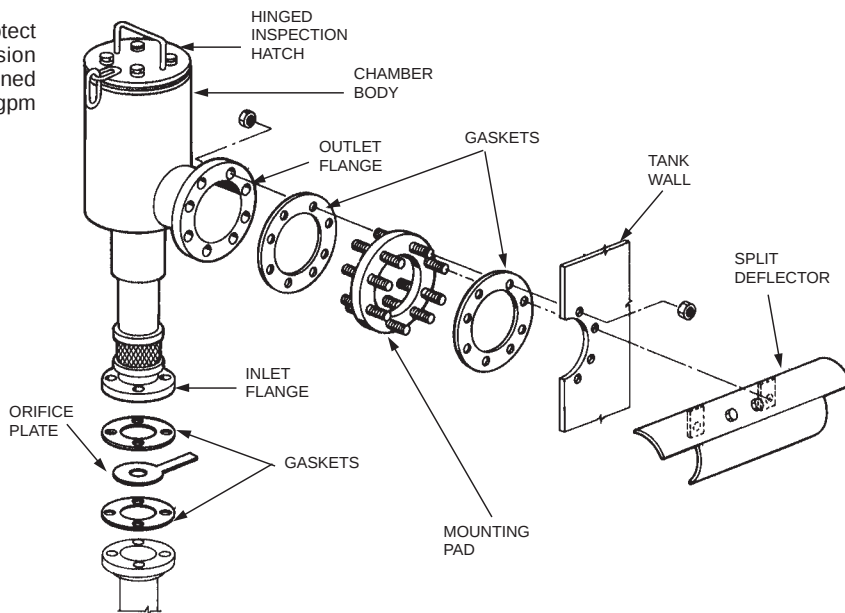
AFC-330, Enamel, [PART NO. 75885](#)

AFC-550

Flow range: 350 – 980 gpm (1325–3709 Lpm) at 40–100 psi (3–7 bar)

AFC-550, Primed, [PART NO. 75890](#)

AFC-550, Enamel, [PART NO. 75886](#)



Foam Chambers Accessories

Foam Chamber/Maker 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.

AFC-90, Primed, [PART NO. 74376](#)

AFC-170, Primed, [PART NO. 74380](#)

AFC-330, Primed, [PART NO. 74384](#)

AFC-550, Primed, [PART NO. 74388](#)

Foam Chamber Mounting Pad

Used to bolt foam chamber and deflector to storage tank. Contains mounting studs to fit standard flange holes.

AFC-90 Mounting Pad, Primed, [PART NO. 74392](#)

AFC-170 Mounting Pad, Primed, [PART NO. 74396](#)

AFC-330 Mounting Pad, Primed, [PART NO. 74400](#)

AFC-550 Mounting Pad, Primed, [PART NO. 74404](#)

Foam Chamber Vapor Seal Assembly

Teflon construction, meets UL required burst pressure range of 10 – 25 psi (.7–1.7 bar)

AFC-90 Vapor Seal Assembly, [PART NO. 418581](#)

AFC-170 Vapor Seal Assembly, [PART NO. 418582](#)

AFC-330 Vapor Seal Assembly, [PART NO. 418583](#)

AFC-550 Vapor Seal Assembly, [PART NO. 418584](#)

AFC-90 Cover Gasket, [PART NO. 75985](#)

AFC-170 Cover Gasket, [PART NO. 75986](#)

AFC-330 Cover Gasket, [PART NO. 75987](#)

AFC-550 Cover Gasket, [PART NO. 75988](#)

Foam Chamber Orifice Plate

Removable, sized to deliver the required flow rate of foam solution at a specified inlet pressure.

AFC-90 Orifice Plate, [PART NO. 74610](#)

AFC-170 Orifice Plate, [PART NO. 74611](#)

AFC-330 Orifice Plate, [PART NO. 74612](#)

AFC-550 Orifice Plate, [PART NO. 74613](#)

Foam Chamber Diverter Test Tube

Used for foam solution quality testing.

AFC-90 Foam Diverter Test Tube, [PART NO. 74408](#)

AFC-170 Foam Diverter Test Tube, [PART NO. 74412](#)

AFC-330 Foam Diverter Test Tube, [PART NO. 74416](#)

AFC-550 Foam Diverter Test Tube, [PART NO. 74420](#)

Foam Chamber Cover Screw, All Models, [PART NO. 75968](#)

JET-X® High Expansion Generators/Accessories

High Expansion Generators/Accessories

Water-powered. Designed to deliver JET-X® high expansion foam with a maximum output capacity of 20,000 cfm. The generators are of steel construction with a water powered motor and stainless steel foam screen. No electrical power is required. The generators come in various sizes and are used for both portable and fixed-system applications.

High Expansion Generator, JET-X-2

1,770 CFM @ 75 psi (5 bar).

PART NO. 420000

High Expansion Generator, JET-X-2A

3,200 CFM @ 75 psi (5 bar).

PART NO. 420001

High Expansion Generator, JET-X-5

6,720 CFM @ 75 psi (5 bar).

PART NO. 420002

High Expansion Generator, JET-X-5A

7,500 CFM @ 75 psi (5 bar).

PART NO. 420003

High Expansion Generator, JET-X-15A

17,410 CFM @ 75 psi (5 bar).

PART NO. 420005

High Expansion Generator, JET-X-15A (LNG)

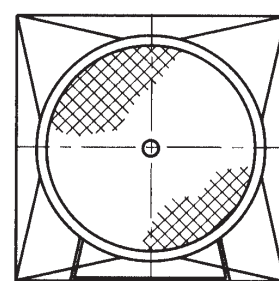
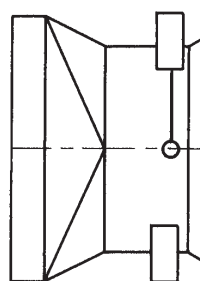
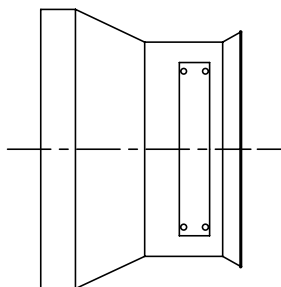
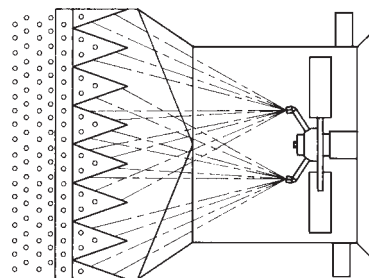
14,495 CFM @ 75 psi (5 bar). UL Listed.

PART NO. 420007

High Expansion Generator, JET-X-20

21,195 CFM @ 75 psi (5 bar). UL Listed.

PART NO. 421590



Portable High Expansion Foam Generators

Portable foam generator may be used for total flooding or local application. Minimizes water damage. Supplied with 100 ft. (30 m) of expandable polyethylene ducting. Common applications include warehouses, ship holds, engine rooms, enclosed spaces and mining. Corrosion-resistant pipe work and fittings.

JET-X-PFG-7, 7200 CFM (204 CMM)

PART NO. 430837

JET-X-PFG-M, 2600 CFM (74 CMM)

PART NO. 430839



Foam Systems Training

Foam Systems Design and Specification Training

This program is recommended for all personnel involved in the specification, design, installation or commissioning of foam systems. It includes all areas of the design, equipment selection, foam agent application and installation of fixed foam systems for a variety of hazards in accordance with NFPA Standards. Special emphasis is given to the identification and specifications of all component parts of the different fixed foam systems.

Day 1

Foam Agents

- U.L. 162 AFFF Test Demonstration
- High Expansion Foam Demonstration

Bladder Tank Systems

- System Component Analysis
- Bladder Installation
- Bladder Tank Filling Procedures
- Demonstration on Existing System

Balanced Pressure Proportioning System

- System Component Analysis
- Demonstration on Existing System
- Pump Adjustment and Maintenance Procedures
- Demonstration on Existing System

Day 2

Foam System Discharge Devices

- Water Oscillating Monitor
- Adjustment Procedures
- Winterizing Procedures

Foam System Discharge Procedures

- Foam Sample and Analysis Procedures
- Refractive Index Testing
- Lab Testing Foam Concentrates

Foam Systems Service and Maintenance Training

This program will provide an overview of the basic types of fixed foam systems but will focus on the correct service and maintenance procedures for the various systems. Students will have an opportunity for actual hands-on experience on foam testing procedures, bladder tank filling and more.

Day 1

Foam Agents – AFFF, Class A, Hi-Expansion

Foam System Discharge Devices & Mobile Equipment

Foam System Component Requirements

- Bladder Tank Systems
- Pump Systems
- Line Proportioner Systems

Sprinkler Systems – Types and Applications

Foam Concentrate Pumps – Types and Troubleshooting

Pump Controllers, NFPA 20 Standard

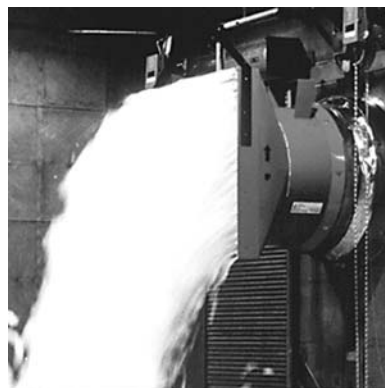
Day 2

Overview of Foam Systems Design

Fixed Foam System Commissioning Procedures

- Refractive Index Testing
- Conductivity Testing
- Bladder Tank Filling
- Oscillating Monitor Adjustment and Winterizing
- Pressure Regulating Valve Adjustment and Testing

Final Exam



Is Your Foam Washed Up?

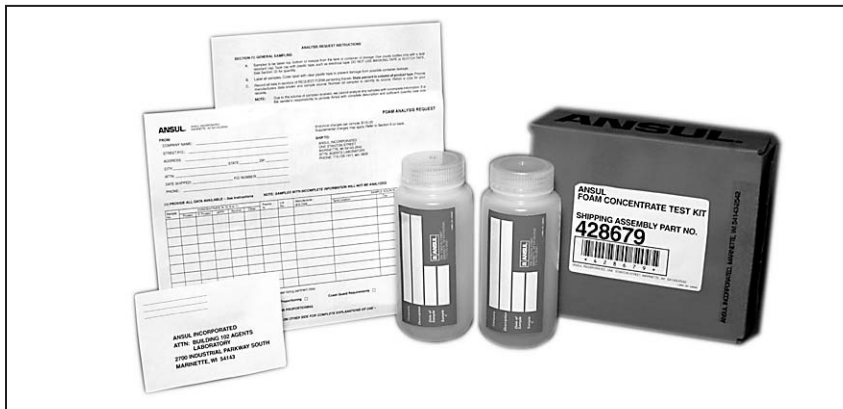
The only way to be sure of foam quality is through annual testing,
as recommended by NFPA 11...

NFPA 11: Standard for Low-Expansion Foam, Chapter 7.2, Foam Concentrate Inspection, states: At least annually, an inspection shall be made of foam concentrates and their tanks or storage containers for evidence of excessive sludging or deterioration. Samples of concentrates shall be sent to the manufacturer or qualified laboratory for quality condition testing. Quantity of concentrate in storage shall meet design requirements, and tanks or containers shall normally be kept full, with adequate space allowed for expansion.

Ansul Puts It to the Test

Ansul is a full line foam manufacturer with a Qualified Agents Laboratory equipped to conduct a complete quality analysis with each foam sample you send (including foams from other manufacturers). The analysis includes:

- pH
- Density
- Refractive Index
- Foam Quality
- Fire Performance
- Comments and Recommendations



Ansul's Foam Agent Test Kit provides the containers and instructions to facilitate taking samples and shipping them to our laboratory.

Order the Ansul Foam Agent Test Kit (Part No. 428679) from your local distributor
or call us at 800-TO-ANSUL or (715) 735-7415



Complete Foam Package

Quality foam solutions from Ansul . . .

- ▶ **ANSULITE® AFFF Concentrates**
- ▶ **ANSULITE® Alcohol-Resistant Foam Concentrates**
- ▶ **ANSUL® Protein & Fluoroprotein Foam Agents**
- ▶ **SILV-EX® "Class A" Foam Agent**
- ▶ **ANSUL® Proportioning Equipment and Discharge Devices**
- ▶ **JET-X® High-Expansion Foam Agents and Generators**
- ▶ **TARGET-7™ Vapor Mitigation and Neutralizing Agent**

For More Information...

About Ansul Foam Products
or to request a quotation...
Contact Ansul at:

1-800-TO-ANSUL (USA /CAN)

1-715-735-7411 (International)

USA Fax: 1-715-732-3608

INT'L Fax: 1-715-732-3477

For worldwide sales offices & manufacturing locations, or for a listing of authorized distributors, visit:

www.ansul.com

Other Ansul Foam Companies:



SABO foam

Distributed by:



tyco / Fire & Security