
NEWAGE
FIRE PROTECTION
INDUSTRIES PVT. LTD.
A Blanket of Protection
Foam-based Firefighting for Peace of Mind
www.newagefireprotection.com

Fire Safety & Innovation

The Newage group has more than 60 years of experience in the manufacture of quality Fire Fighting equipment & products.
The group's innate focus on high-quality & innovative processes, and systems has led to our meteoric rise in the firefighting industry. Today, the group is a complete solution provider to the firefighting industry supplying Products, Systems, Services, and Training catering to a wide range of clients from different industries viz. Oil & Gas, Marine, Mining, Petrochemical, Chemical, Defense Establishments, Fertilizers, Telecom, Automotive, Power/ Energy sectors, etc.

NewAge is a widely acclaimed brand in both National & International markets due to our product quality & customer-centric approach.

The Products and Systems follow global standards and having approval standards like - EN, UL, FM, VdS, LPCB, DNV-GL, BIS, NFPA.

Our state-of-the-art manufacturing facility located at Khopoli (Mumbai) comprising a sprawling land of 8 acres & covered area of 1,00,000 sq. ft. is equipped with an R&D and Innovation Centre.

The registered & head office is located in Mumbai & with branch offices in New Delhi, Kolkata, Chennai, Lucknow, Kochi & Bengaluru. Additionally, we have sales representatives spread through the length and breadth of the country.

ISO 9001, ISO 14001, ISO 45000 Certified Company.

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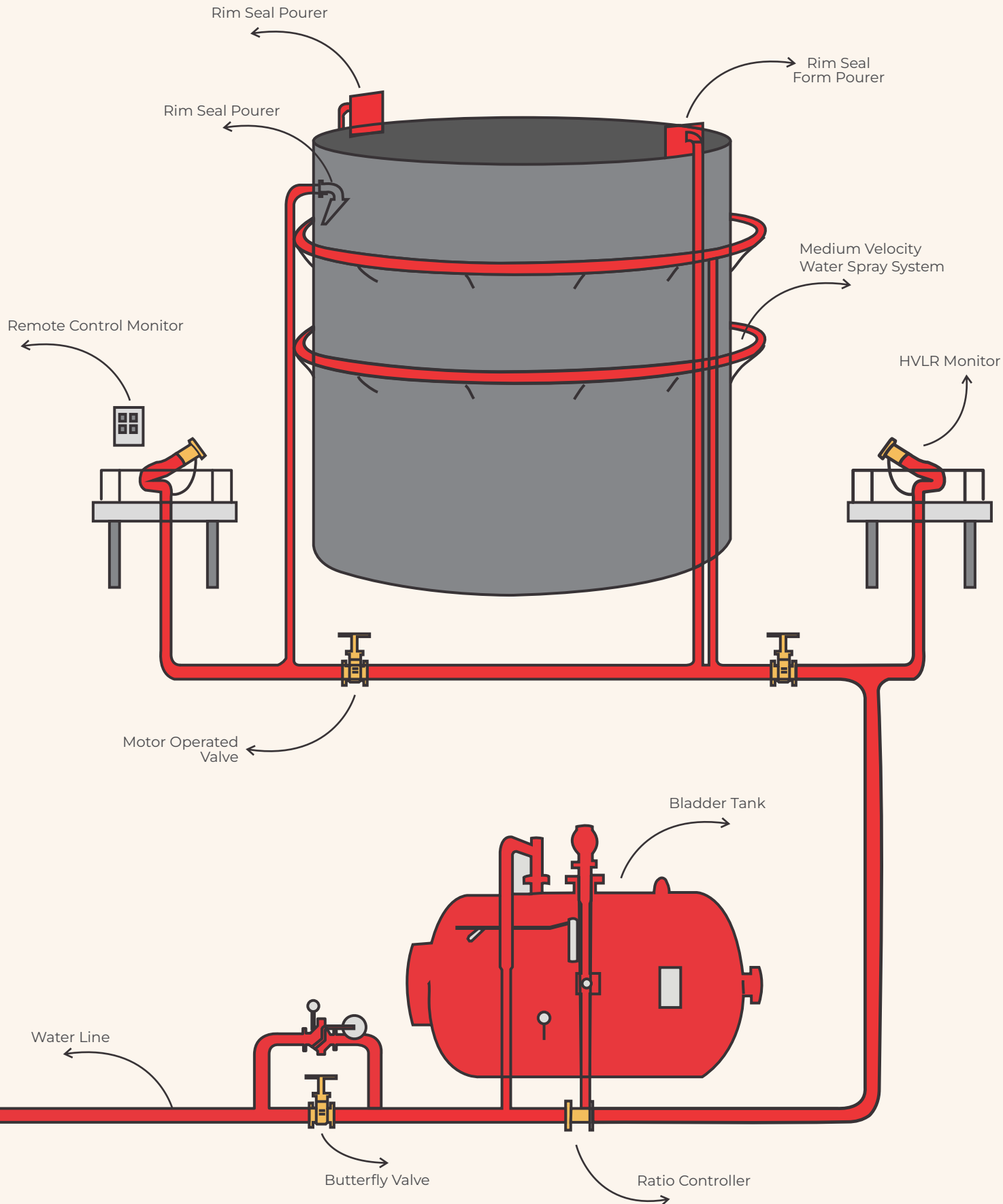
Our Mission Statement

To attain leadership in products development, technical adaptation and assimilating state-of-the-art technology for competitive advantage.
To provide technology and services through sustained research and development.
To cultivate total Quality Management for a strong corporate identity and high standard of business ethics.
To enrich the quality of life whilst maintaining an environmental conscience.
To achieve international standards of excellence in all aspects of safety, security, rescue and protection of human life and property.

Our Vision Statement

A major diversified, transnational integrated Company engaged in fire fighting and fire protection With the prime objective of safety, security, rescue and protection of life & property, coupled with international leadership and a strong environmental conscience.

Foam Fire Extinguishing Solution for Oil Tanks



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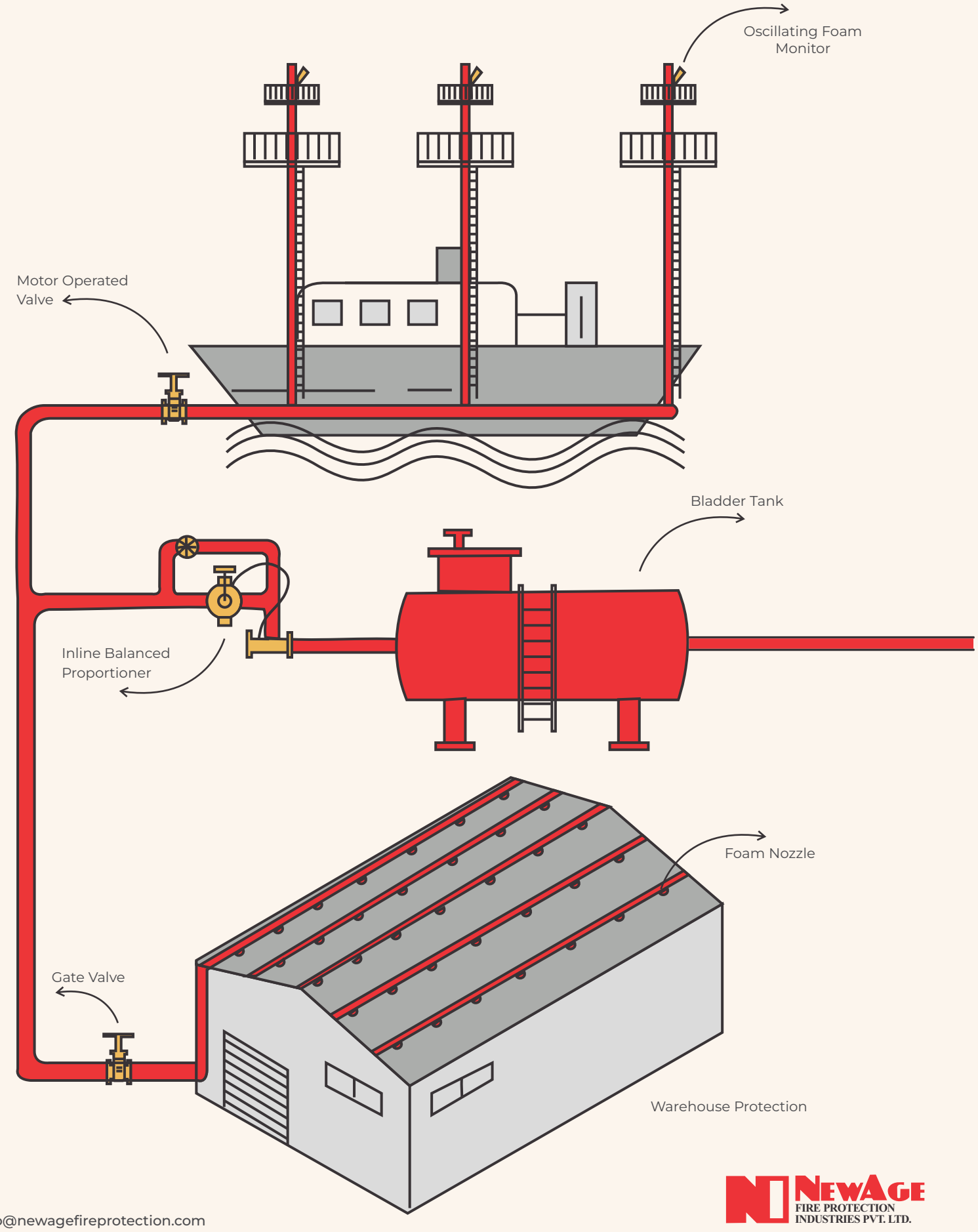
Foam Fire Extinguishing Solution for Ships and Warehouse



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What is Foam based Fire Extinguishing Solution?

Foam-based fire extinguishing solutions are a type of fire suppression system that uses foam to smother and extinguish fires. The foam is made up of a mixture of water, air, and a foam-producing agent, such as a protein or synthetic compound. When the foam comes into contact with a fire, it creates a blanket that separates the oxygen from the fuel, thereby suffocating the fire and preventing it from spreading.

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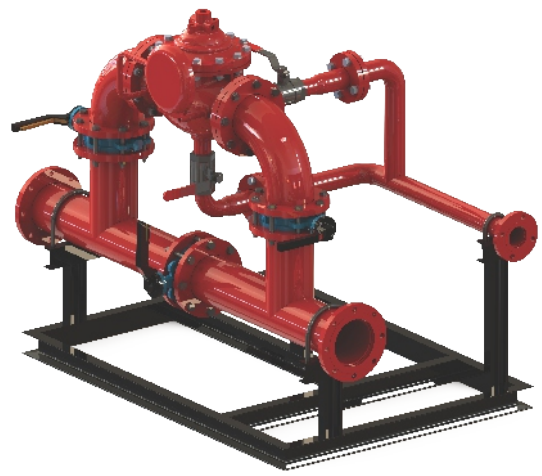
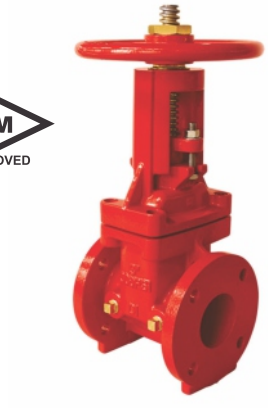
Deluge Open Skid

- Deluge Skid is professionally pre-assembled deluge valve skid package
- Suitable for all NEWAGE deluge valve models
- Comes with downstream, upstream and by-pass butterfly valves
- Pressure switches, solenoid valve mounted, pre-wired and terminated into a junction box
- Can be custom designed and manufactured
- Cost effective
- Easy and fast installation

Deluge Valve Globe Version

- Size: 50, 80, 100, 150 & 200 mm (2' 3, 4", 6" & 8")
- Cast Steel & Ductile Iron
- Maximum service pressure 17.5 kg/cm.sq (250psi)
- Horizontal or Vertical mounting
- Flanged (ANSI) Connection
- Diaphragm operated with rubber to metal drip-tight positive sealing
- Auto-reset type
- Easily trimmed for actuation by manual, remote solenoid valve & with wet or dry pilot
- Internal and external surfaces epoxy coated for extra protection
- UL Listed.





Gate Valves

- OS&Y and NRS resilient Wedge Gate valves
- Size: 2" to 12"
- Max. Working Pressure: 300 psi
- Body: Ductile Iron Construction (ASTM A536, 65-45-12)
- Disc: Ductile Iron with EPDM
- Stem: Stainless Steel
- Flanged end connections are available either in ANSI/AWWA or BS PN 16
- Fusion Bonded Epoxy Coated
- UL Listed and FM Approved

Wafer Type Butterfly Valve Component

Sizes: 1 ½", 2", 3", 4", 5", 6", 8", 10" and 12".
Specifications:

- Max Working Pressure - 16 Kg/cm2
- Body Test Pressure - 24 Kg/cm2
- Seat Test Pressure - 17.5 Kg/cm2
- Approval - ISI marked
- End connection - Wafer en suitable for Flange ANSI B 16.5 Class 150#
- Operation - Lever Operated Gear Operated Motorized Actuated
- Accessories - Limit Switch & Tamper Switch

Sr. No	Component	Material
01	Body	Cast Iron / Ductile Iron / SS 304
02	Disc	SGI / SS 304
03	Shaft	SS 410
04	Seat	Nitrile / EPDM

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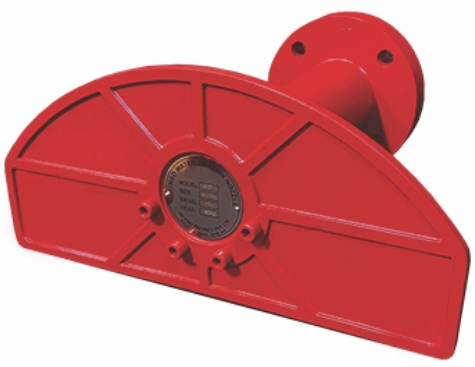
High Velocity Water Spray Nozzle

- Brass material with Copper Strainer (NI-HV-B)
- Stainless Steel material with Stainless Steel Strainer (NI-HV-S)
- Non-automatic, open orifice, directional spray nozzle
- For high velocity water application for protection of flammable liguid and electric transformers
- K-Factor: K-48 × 100°, K-58 × 100°, K-61× 75°, K-78 × 90°, K-22 × 75°, K-18 X 80°, K-26 X 100°, K-32 × 90°, K-42 × 115° and K-23 × 120°
- Nozzle also available with blow-off cap

Tank Cooling Nozzle

- End Connection: ½" & ¾" BSPT or NPT
- Material of Construction: Stainless Steel & Brass.
- Max Working Pressure: 12.3 bar (175PSI).
- K-Factor: K20, K30, K37, K42, K58, K79.
- Finish: Brass-Natural Finish, Brass-Nickel Chrome Plated.
- Stainless Steel-Natural Finish



Jumbo Curtain Nozzle

- Material of Construction: Stainless Steel
- End Connection: Flanged to ANSI B16.5 150#
- Size: 2.5"3" & 4" (65NB.80NB & 100NB)
- Maximum Working Pressure: - 14 Bar (200 PSI)
- Flow: 65NB-1000LPM,80B-2000LPM & 100NB-3000LPM

Bladder Tank

- Mounting: - Vertical or Horizontal unit
- Tank Capacity: - 140 litres to 15000 litres (36 to 4000 gallon)
- Working Pressure: - 2.1 Bar to 12 Bar (30PSI to 175 PSI)
- Tank Material of Construction: - Carbon Steel or Stainless steel
- Design: - ASME Code Section VIII Div. I
- Factory Hydro Test Pressure: - As Per ASME Code
- Bladder: - Buna-N
- Finish: - Red RAL 3001

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Foam Chamber

- Inlet Size: - 50,65,80,100NB & 150NB
- Working Pressure: - 2.8 To 7.0 kg/cm2(40PSI to100PSI)
- Material of Construction: - Carbon Steel or Stainless steel
- Flange Connection: - ANSI B16.5 Class 150#, RF
- Vapor Seal Rupture Pressure: - 0.7 To 1.75 Kg/Cm2(10 PSI to 25 PSI)
- Maximum Permissible Back Pressure On Vapor Seal: 0.07 Kg/Cm2 (1.0 PSI)
- Flow Range: - 84 to 3175LPM
- Foam Concentrate: - AFFF-3% & AR-AFFF-3X3%
- Deflector: - Solid or Split Deflector
- Finish: - Red RAL 3001

Foam Maker

- Inlet Size: - 50NB & 65NB
- Working Pressure: - 2.8 To 7.0 kg/cm2(40PSI to100PSI)
- Material of Construction: - Carbon Steel or Stainless steel
- Flange Connection: - ANSI B16.5 Class 150#, RF
- Foam Concentrate: - AFFF-3% & AR-AFFF-3X3%
- Flow Range: - 84 to 555LPM
- Finish: - Red RAL 3001

Rim Seal Foam Pourer

- Inlet Size: - 65NB
- Working Pressure: - 2.8 To 7.0 kg/cm2(40PSI to100PSI)
- Material of Construction: - Carbon Steel or Stainless steel
- Flange Connection: - ANSI B16.5 Class 150#, RF
- Flow Range: - 50 to 550LPM
- Foam Concentrate: - AFFF-3% & AR-AFFF-3X3%
- Finish: - Red RAL 3001

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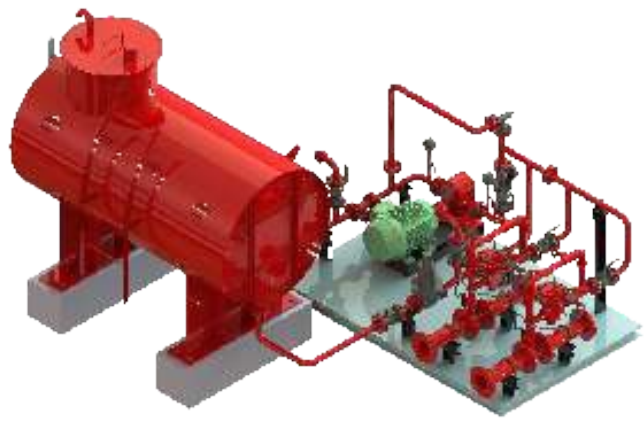
Foam Maker With Foam Pourer

- Inlet Size: - 80NB, 100NB & 150NB
- Working Pressure: - 2.8 To 7.0 kg/cm2(40PSI to 100PSI)
- Material of Construction: - Carbon Steel or Stainless steel
- Flange Connection: - ANSI B16.5 Class 150#, RF
- Foam Concentrate: - AFFF-3% & AR-AFFF-3X3%
- Flow Range: - 84 to 555LPM
- Finish: - Red RAL 3001

Ratio Controller

- Connection: - Wafer Type & Flanged
- Material of Construction: - Bronze or Stainless steel
- Ratio Controller Size: - 65,80,100,150NB & 200NB
- Flow Range: - 100 to 18500 LPM (26 to 4887 GPM)
- Service Pressure: - Maximum 3 to 14 BAR (44 to 200 PSI)
- Induction: - 3% or 6%
- Foam Concentrate: - AFFF-3% & AR-AFFF-3X3%
- Used with Bladder Tank or Inline Balance Pressure Proportioner for variable flow
- Finish: - Red RAL 3001



Foam Pump Skid

- Foam Concentrate tank, Foam Pump, Foam Proportioner with ILBP, Control Panel and associated piping with valves are skid mounted.
- NewAge balanced-pressure proportioning pump skids and in-line balanced-pressure (ILBP) proportioning pump skids are designed and manufactured for a wide range of applications. These are typically used for fire protection in large facilities- like in aircraft hangars and flammable-liquid storage areas.
  NewAge pump skids are designed for delivering large quantities of foam concentrate, accurately proportioned in the water main.
- Supplied with manual override capabilities, our pump skid systems operate over a wide range of flows and pressures and do not require manual adjustment. Diesel and gasoline drivers are available.
- Custom Design Foam Pump skid as per project & client specification requirement

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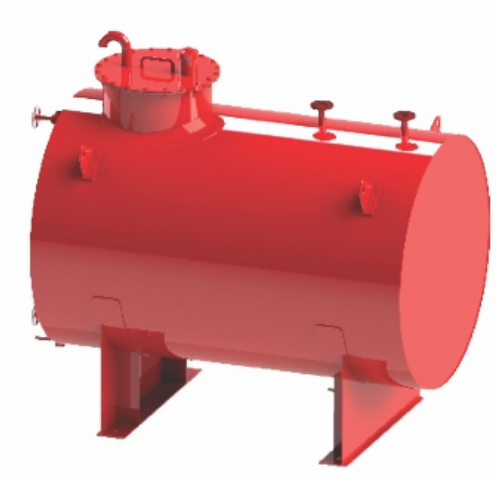
Inline Foam Inductor

- End Connection: - Flanged, ANSI B.16.5, 150#, FF
- Operating Pressure: - 6.5 to 12 BAR (93 - 175 PSI)
- Factory Hydrostatic Test Pressure: -25 BAR (365 PSI)
- Material of Construction: - Bronze or Stainless steel construction
- Nominal Size: - 65, 80, 100 & 150 mm (2.5", 3", 4" & 6")
- Induction: - 3% or 6%
- Fix Flow: - 75 to 3500 LPM.
- Working pressure 6.4 to 12 bar (93 to 175 psi)
- Maximum back pressure: - 65%
- Finish: - Red RAL 3001

Inline Balance Pressure Foam Proportioner

- Minimum Working Pressure: 2.8 BAR (40 PSI)
- Material of Construction: - Bronze or Stainless steel construction
- Ratio Controller End Connection: Wafer Type or Flanged End Suitable For Connection With ANSI B 16.5, 150# RF
- Thread Opening: BSPT/ NPT Optional
- Pressure Sensing Hose: Teflon Tube With Stainless Steel Braided Cover
- Trim Connection And Various Control Valves: Stainless Steel, Steel Braided Cover
- Flow Range: 190 To 17200LPM
- Foam Concentrate: AFFF 3% & AR-AFFF 3×3%
- Factory Hydrostatic Test Pressure: 25 BAR (350 PSI)



Foam Concentrate Storage Tank

- Mounting: - Vertical or Horizontal unit
- Working Pressure: - Atmospheric
- Hydro Test Pressure: - Fill test at Atmospheric Pressure
- Tank Capacity: - 200 litres to 15000 litres (53 to 4000 gallon)
- Material of Construction: - Carbon Steel with FRP lining or Stainless steel
- Design: - ASME Code Section VIII Div. I
- Dished: - Flat end & Dome end

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Mini Turbex

- Compact, light weight
- Portable, can be carried by single person
- Corrosion proof construction
- Can be used as a smoke extractor
- Foam Induction 3% preset
- Suitable for all types of foam concentrate
- Supplied with suitable foam inductor
- Nylon net, foam ducting and smoke ducting - standard accessories

HI-EX

- By-pass valve to control foam process
- Can be used as a smoke extractor
- Lightweight
- Portable
- FRP corrosion proof body
- Low maintenance
- 2 1/2* male instantaneous connection
- Suitable for all types of high expansion foam concentrate
- Inbuilt foam Inductor
- Nylon net, foam ducting and smoke ducting standard accessories

Inline Foam Generator

- Inline foam generator is modified version of Inline inductor. It inducts foam as well as expands it and also transports the foam a long distance
- Inlet connection : 2 1⁄2” male Instantaneous as per BS 336 / IS 903
- Outlet connection : 2 1⁄2” female Instantaneous as per BS 336 / IS 903
- Foam induction : 3 or 6%
- Max. working pressure : 145 PSI

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Mobile Foam Unit With FRP Tank

- Made with corrosion resistant FRP tank
- Light weight, aerodynamically shaped
- Unit equipped with foam inductor, low expansion branch pipe, fire hoses
- Suitable for all type of foam concentrates
- Low maintenance
- Available in 100 liters, 150 liters, 200 liters

Aqueous Film Foam Compound

- DIFR Tested & TAC Approval
- Synthetic polyvalent foam forming liquid, pseudo-plastic consisting of surface active substance and polymer additives
- Having good resistance to contamination of hydrocarbons and to dehydration of polar solvents
- It is to be used in 3% concentration on hydrocarbons and 6% concentration on polar solvents
- Packing Available: 20 liters Polyethylene jerry cans / 30 liters Polyethylene jerry cans.
- 200 liters Steel barrels

LISTED

LISTED

Water Foam Monitor-UL Listed Monitor With Nozzle

- Wide range 500GPM, 750GPM, 1000GPM, 2000GPM, 4000GPM
- Anti-corrosive Stainless steel construction
- Excellent compatibility with AFFF foam
- Fog angle up to 120 deg
- 3% foam-proportioning nozzle
- Designed for working pressure up to 12.3kg/cm2

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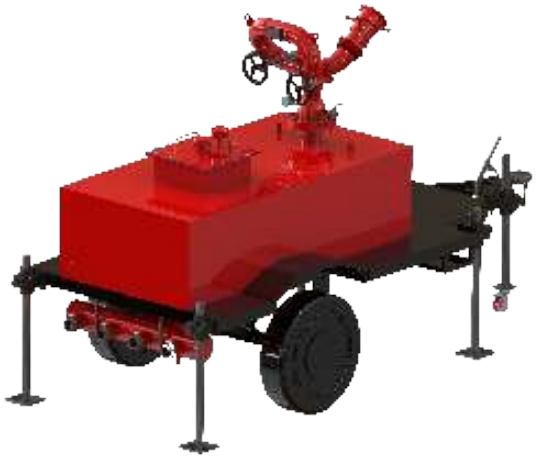
Jet Ratio Controller Pump (RCP)

- Compatible to use with UL listed water & foam monitor (TORPEDO)
- Corrosion resistant, excellent compatibility with AFFF foam With pressure gauges
- Covered in S.S casing for easy handling and storage
- With Metering Valve (Optional) pick up tube and strainer

Remote Control & Wireless Monitor

- Available in SS, Carbon steel and Gunmetal
- Available in electric or hydroelectric remote operation
- Low maintenance cost
- Dense fog angle up to 160for cooling
- Electric version available in AC / DC power supply
- Available in different flow range
- Basic monitor in SS construction is available With UL approved



Tailor Mounted Monitor With Foam Tank

- Available in different tank capacity
- Inlet size 2 1/2" male instantaneous with RV
- Available in different capacities of monitors 500, 625, 750,1000 GPM
- Trailer with robust construction suitable to tow with jeep
- Hand brake & overrun brakes
- S.S tank or carbon steel FRP / Thermoplastic poxy lined tank

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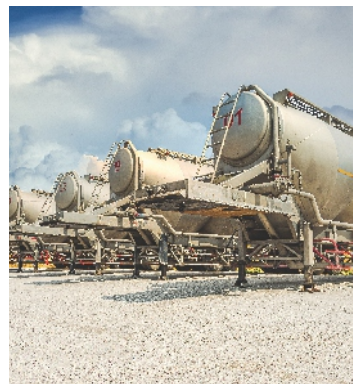
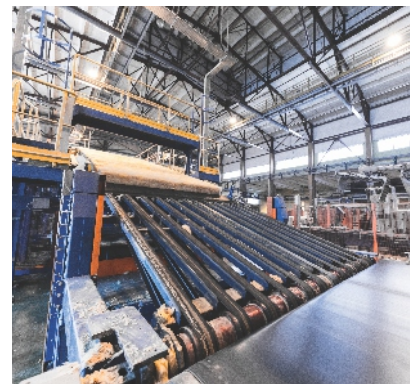
Foam-based fire extinguishing solutions are commonly used in a variety of industrial settings, including:

Oil and gas refineries



Fuel storage areas



Pulp and paper mills

Aircraft hangars

Petroleum and chemical processing plants

Automotive manufacturing plants

Warehouse

Power generation facilities

Flammable liquid storage tanks and warehouses

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Smothering Flames and Saving Lives with Cutting-Edge Technology

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