HD FIRE PROTECT
Protecting what matters most to you

HD FOAM SYSTEMS AND SOLUTIONS

The Complete Solution for Total Peace of Mind

Introducing Fluorine-Free Foam Systems SFFF



HD LOW EXPANSION FOAM SYSTEMS

LEADING THE WAY IN FIRE PROTECTION WITH ADVANCED ECO-FRIENDLY FOAM SYSTEMS.

For decades, HD Fire Protect has been a trusted name in AFFF & AR-AFFF low expansion foam systems, utilizing advanced C6 formulations to deliver unmatched fire protection. Our comprehensive foam systems include - bladder tanks, inline balanced pressure proportioners, foam chambers, foam makers, foam-water sprinklers, inline inductors, and foam branch pipes - offering reliable fire protection for critical applications.

Recognizing the need for sustainability, we are proud to introduce our **Fluorine-Free AR-SFFF F3 3x3% Foam,** which combines high-performance fire suppression with environment friendly properties. Now UL Listed, this foam is part of a complete range of foam hardware. HD fluorine-free low expansion foam systems are ideally deployed in places like tank farms, refineries, petrochemical facilities, ports, warehouses, and flammable liquid storage areas and terminals.

These foam systems prioritize our planet by eliminating fluorinated compounds, ebbing environmental impact, and ensuring compliance with global sustainability standards.

By offering solutions that deliver both safety and sustainability, HD fluorine-free foam systems are setting a new benchmark in fire-protection technology.



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35 YEARS OF TRUST

FOAM CONCENTRATES

Our wide variety of foam concentrates meets various fire-fighting challenges, and conforms to international standards like UL 162 and FM 5130.

All HD foam concentrates can be used with fresh and sea water. **HD-AR-SFFF** F3 3x3 Fluorine-Free Foam is the latest addition to this range, and it is also UL Listed.



AR-SFFF F3

Alcohol Resistant Non-Fluorinated Foam Concentrate is available in type 3% x 3% concentrate.

AFFF 3FZ

AFFF Foam Concentrate suitable for storage and use at lower temperatures up to -18°C (0°F).

AFFF

HD AFFF is available as 1%, 3% and 6% concentrate.

FFFP

HD FFFP is available as 3% and 6% foam concentrate.

AR-AFFF

HD Alcohol Resistant AR-AFFF is available in type 1% x 3%, 3% x 3%, and 3% x 6% concentrate.

FP

HD FP is available as 3% and 6% foam concentrate.

HD Foam Concentrates are available in 20L Jerry Cans, 200L Drums or 1000L Totes.

FOAM PROPORTIONERS



FOAM BLADDER TANKS

HD Foam Bladder Tank Proportioners are UL Listed and FM Approved.

They are a reliable and maintenance-free option of foam proportioning system.

- Capacity: 140 to 20,000 litres (36 to 5,285 gal).
- Carbon Steel or Stainless Steel Construction.
- Tank made to latest revision of ASME Code Section VIII Div I.
- Compatible with all HD foam concentrates.
- Bladder Tank filling kit provided (optional) for easy commissioning.
- Proportioner (Ratio-Controller) pre-piped on to the tank or loosely supplied.

FOAM PROPORTIONERS

INLINE BALANCED PRESSURE PROPORTIONERS

Used with Atmospheric Foam Concentrate Tank and Positive Displacement Foam Concentrate Pump.

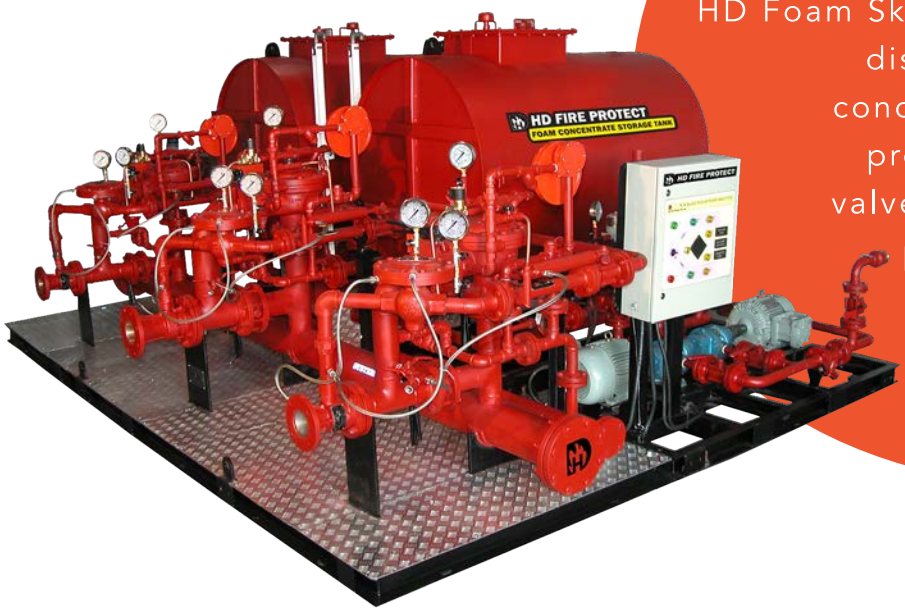
They control foam liquid concentrate's flow into a water stream over varied flow rates and pressures.

UL LISTED



BESPOKE FOAM PUMP SKIDS

HD Foam Skids are comprised of positive displacement foam pump, foam concentrate tank, inline balanced pressure proportioner, required valves, accessories, and a control panel. The solution is custom designed and made to order.



FOAM DISCHARGE DEVICES



UL Listed & FM Approved Foam Chambers and Rim Seal Foam Pourers offer a perfect foam discharge option from storage tanks. We also offer graphite vapour seals in the foam chambers, wherever precision is required for maintaining back pressure. HD foam makers protect dikes and tanks, and are used wherever low-velocity foam streams are needed.

UL LISTED FM APPROVED

HD Foam-Sprinkler systems are used to control and extinguish fires by foam, wherein foam is the preferred extinguishing agent. These are deluge type as well as automatic systems.

Foam Discharge equipment is now UL Listed with **HD-AR-SFFF** F3 Fluorine-Free Foam.

UL LISTED

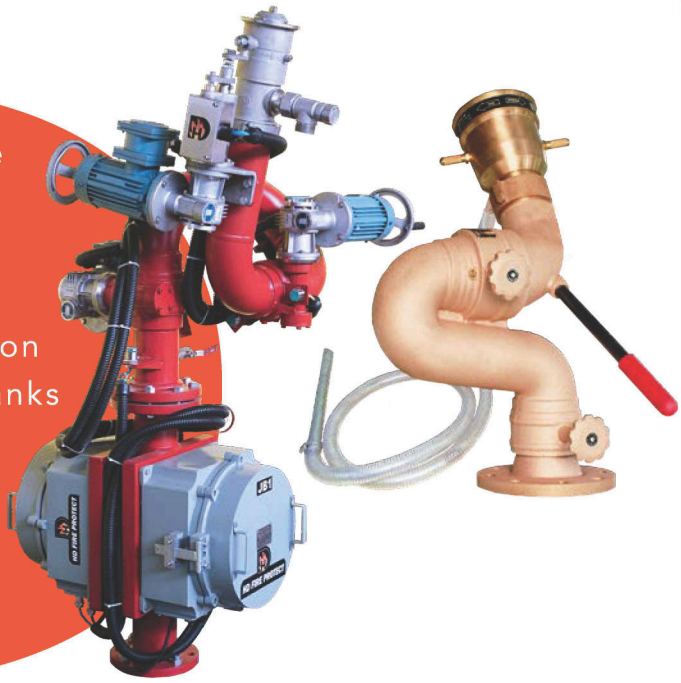


WATER-FOAM MONITORS

HD manual & remote Foam Monitors are great for supplementary fire protection.

HD JRC Controlled variable-flow Foam Monitors offer an effective foam induction mechanism, even where foam storage tanks are placed at a distance.

UL LISTED



MOBILE FOAM UNITS

This range has mobile foam units, mobile trolleys and trailer-mounted monitors with foam tanks. HD mobile foam unit is a fully self-contained unit, developed for the rapid deployment of foam extinguishing system to fires in high-risk places like loading terminals, boiler rooms, oil storage & handling areas, and areas susceptible to chemical spills.

The inline inductor & foam branch pipes used with HD mobile foam units are FM approved. Various HD manual and remote controlled monitors can be mounted on trailers creating special mobile units.



CUSTOMIZED FOAM PRODUCTS

HD-CHETAK®

Trailer Mounted Remote
Controlled Water-Foam Monitor



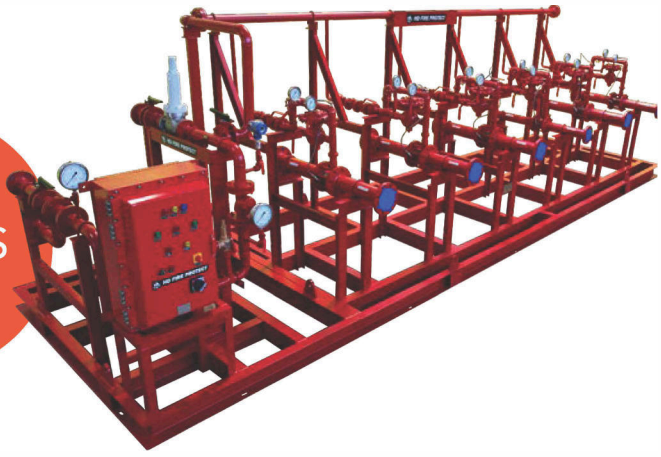


FOAM BLADDER TANK SYSTEM WITH MULTIPLE PROPORTIONERS

Foam Bladder Tanks are now UL Listed with **HD-AR-SFFF** F3 Fluorine-Free Foam.

UL LISTED

MULTIPLE INLINE BALANCED PROPORTIONERS WITH FOAM PUMP



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