

HIGH EXPANSION FOAM GENERATOR



STATIC FOAM GENERATOR "POLYEX" TYPE



STATIC FOAM GENERATOR "HFM" TYPE

Description

The HEFM & POLYEX high expansion foam generator is designed for a fixed installation. The generators are powered by foam nozzles and are designed to expand the foam solution into a millions of a tiny stable bubbles. Expansion ratio up to 1000 liters of foam for every one liter of solution can be achieved depending on the generator selected, the solution flowrate and the water pressure. The generator require no other source of power such as electricity or gasoline engines. It is powered by the foam and special ejector. The expansion of the foam solution is achieved by spraying the solution into a stainless steel scree, by then an air stream create by the ejector attached to the solution pipe produce a mass of foam bubbles. The continuous flow of the foam solution in the open space at the center of the generator plus the movement of air through the screen will produce large volumes of finished foam with a throwup to 5 m.

Applications

High Rise chemical and pharmaceutical goods storage, waste treatment plant, LNG tank farm/loading facilities, Shipboard engine room bilgesand holds, aircraft hangars, roll paper warehouse, flammable liquid packaging/drumming areas, cable tunnels and wildland fire breakers.