

**Special requirement for portable high expansion foam generator against enquiry no. E7120514**

**PORTABLE HIGH EXPANSION FOAM GENERATOR:**

It shall be compact, light weight, stainless steel body (SS 304), water pressure operated turbine, nylon foam making net, 63 mm aluminium alloy male instantaneous inlet, not less than 68 m<sup>3</sup> per minute foam capacity at 7 bar and expansion not less than 1:300. It shall have a fan driven by pelton wheel turbine, four jet nozzles to discharge foam water solution in front of high velocity air, an inline inductor for foam suction. It shall be able to produce high expansion foam not less than 100m<sup>3</sup> per minute depending upon the pressure applied confirming element is specification of material.

It shall have the following dimensions:

1. Height - Not more than 630 mm
2. Width - Not more than 510 mm
3. Depth - Not more than 330 mm
4. Weight - Not more than 18 kg.  
(Excluding net)

It shall be supplied with 30 meters polythene foam ducting.

It shall also be used as smoke extractor with not less than 98m<sup>3</sup>/min at 7 bar and flow of 245:1 pm.

**Qualifying conditions:**

Supplier has to submit copy of purchase order along with offer that he has supplied High Expansion Foam Generator more than value of Rs.2.00 Lakhs to any PSU/Reputed company within 3 years.

Erection & commissioning is not required.