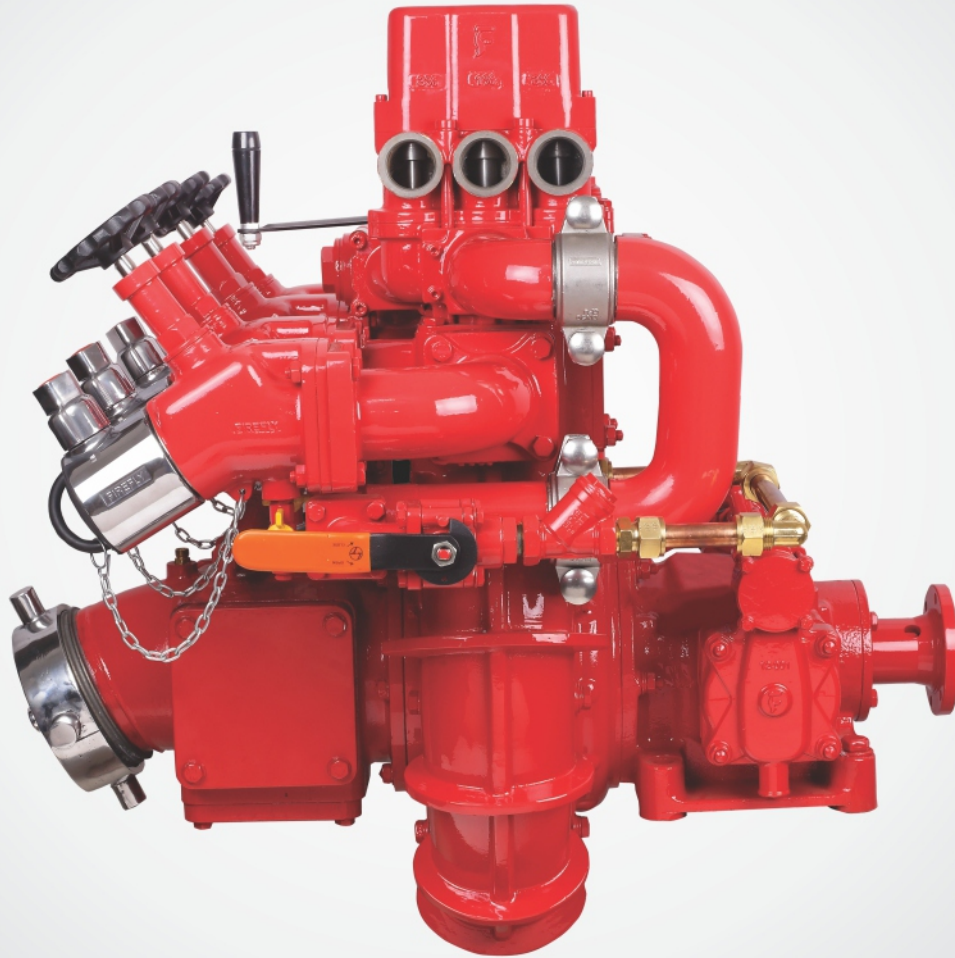




Round The Pump Balanced Automatic Foam Proportioner from **Firefly**



FIGHTING FIRE WITH **FOAM** IS NOW **MORE ACCURATE & EASY**

Salient Features

- ▶ The automatic proportional round the pump foam system
- ▶ Automatically adjusts the percentage as flow varies with help of mechanical water cone
- ▶ 3 induction rate to choose from (1%, 3% & 6%)
- ▶ Suitable with protein fluorocarbon and aqueous film foaming compounds
- ▶ Simple, cost-effective System
- ▶ Maintenance Free
- ▶ No additional drive energy needed
- ▶ Flow range 200-6000 LPM

www.fireflypumps.com



Overview

Whenever a fire pump is intended to use with foam compound the job becomes bit clumsy. To induce the correct percentage of foam into water is tricky especially on the fire grounds, because if you induce less amount of foam compound than is required you will get a water foam mixture of inferior quality and if you are putting more foam compound you are wasting it.

Present Scenario

Currently in a foam tender, Round the pump foam Proportioner is used which has a calibrated dial which allows you to induce required amount of foam manually, by turning the dial (knob) one has to do some calculations before setting the correct foam percentage. The operator must be aware of which foam (3%, 6%) he is using; also he must calculate the amount of water discharged at that point by the pump. This all involves calculations which normally will be very difficult to do at fire calls. Very often the foam is induced by one's judgement, result – improper foam quality and inefficient fire extinguishing.



Why Automatic foam Proportioner?

The answer is simple - it's automatic!

This system will induct the exact required foam percentage into the fire pump automatically; also it will automatically adjust the foam percentage as the flow from the pump varies. For e.g. if the fireman is using only one hand line with foam branch then the Proportioner will adjust the foam % which is just suitable for that line; nevertheless if the foam monitor is operated at any given point then the foam Proportioner will automatically increase and adjust the foam percentage to suit the discharge from monitor, no operator involvement is required.

This saves the foam compound and final quality of expanded foam is good.

This system can be used with 1%, 3% and 6% foam and is suitable for all types of foam currently used.

The accuracy of the system is up to the mark and can be used right from 200 lpm to 6000 lpm capacity fire pumps.

What more! The system is rugged, needs no adjustments and has not electrical/pneumatics involved and has very few moving parts which makes it highly reliable.



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