



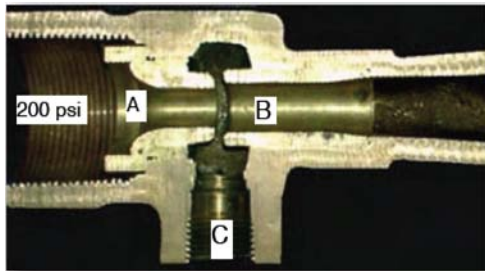
## GO-GAUGE® Eductor Back Pressure Indicator

### No-brainer Foam Eductor Operations.

Most foam eductors will work fairly accurately with all known fire fighting foams, wetting agents and specialty chemicals as long as the first rule of foam eductor operations is not broken:

***“Guard against too much back pressure”***

The back pressure rule was the inspiration for Go-Gauge®. When back pressure, the sum of nozzle pressure, elevation and hose friction loss exceeds 65% of the eductor inlet pressure, foam proportioning will begin to stall, and at 70% it shuts down. Go-Gauge® tells you when this is about to happen. As long as you are in the green you are good to go... This device makes eductor operations pretty much a no brainer.



Why? Basically, a foam eductor is a jet pump which relies on a high-speed water jet to provide suction energy.

The foam eductor cross section above shows two nozzles aligned front to back in a common space. As water passes from nozzle A to nozzle B it jumps across a narrow gap causing a strong suction effect. The gap is vented by way of casting or machined space to the pick-up tube inlet, C. As long as water speed across the inner nozzle gap does not slow below 65% of inlet pressure it will continue to accurately draft foam concentrate into the stream.

#### GO-GAUGE®



Screws on any eductor outlet. Available for 2.5" eductors.



Rugged, hardened poly enclosure with a 3/16" lens cover.

GO-GAUGE® Eductor Adapter

# Go-Gauge®

Foam Eductor Back Pressure Gauge  
Guaranteed Eductor Operations  
Use for training or trouble shooting



Hardened gauge enclosure with  
3/16" vented Lexan cover



The number one cause of eductor failure is too much back pressure. Screwed on any eductor outlet Go-Gauge will tell operator when failure is eminent.

When Go-Gauge® approaches the red zone your eductor will stop.

- based on 200 psi at eductor inlet -

What causes too much back pressure?

Kinked hose

Hose diameter too small or hose too long

Restricted flow - mismatched nozzle

Partly open nozzle

Nozzle elevation too high

**1.5" GGH150 - Hardened enclosure:**

1.5" GG150 - Plain gauge, no enclosure:

**2.5" GGH250 -Hardened enclosure:**

2.5" GG250 - Plain gauge, no enclosure:

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