

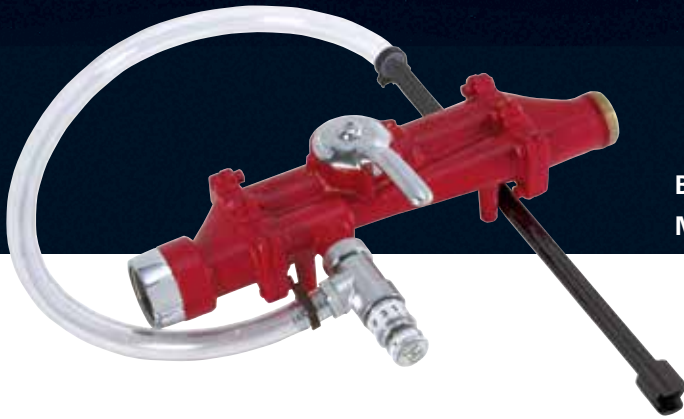


PORTABLE

## Portable

Elkhart offers an eductor for all handlines (1" through 2½") and the eductors are compatible with most foam concentrates. All Elkhart's eductors:

- Are easy hook-up / easy set-up
- Feature red urethane enamel finish
- Can be deployed in any position
- Offer a removable pick-up screen and removable metering valve
- Comes with a clear PVC pick-up hose



**BRASS BY-PASS INLINE EDUCTOR  
MO. 240**

*Fig. 1*



**BRASS INLINE EDUCTOR  
MO. 241**

*Fig. 2*



**COMPOSITE INLINE EDUCTOR  
MO. 242**

*Fig. 3*

# FOAM EDUCTORS

PORTABLE

TYPE	INLET SIZE			OUTLET SIZE			FLOW RATES GPM (LPM)						METERING				MATERIAL / TRIM				Length (Inches)	Weight (Lbs.)	MODEL	FIGURE
	Fixed		Selectable		Brass	Com- posite	Length (Inches)	Weight (Lbs.)	MODEL	FIGURE														
	3%	6%	Positive	Infinite							Chrome	Rough	Satin											
														0% / 1/2% / 1%	3% / 6%	0%-6%								
1"	1.5"	2.5"	1"	1.5"	2.5"	30 (114)					60 (227)	95 (360)	125 (473)	150 (568)	250 (946)									
By-pass	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
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KEY s = standard o = option  
 \* Inlet and outlet threads are NPSH; ID is 3/4"; ribbed hose length is 54"  
 \*\* Supplied with fixed metering valves at 1/2%, 1%, and 3% and an adjustable metering valve with 1/2% / 1% / 3% settings.

### GPM (LPM) NOTE

Eductor and nozzle must have matching flow rates (gpm/lpm) for the foam concentrate to "pick-up." See page T-1 for Eductor Performance Chart.

### Operating Pressures of Eductors

These eductors are designed to achieve rated flow with an inlet pressure of 200 psi (150 psi for the 242-95). They will operate at lower inlet pressures, but the flow rate and percentage rate will be affected.

### Checklist if eductor fails to pick up foam

Ball check stuck	By-pass valve open
Clogged nozzle	Hose lay too long
Kink in hose	Metering valve clogged
Metering valve closed	Metering valve set improperly
Mismatched nozzle	Nozzle elevated too high
Partially closed nozzle	Plugged pick-up screen

### ADDITIONAL INFORMATION

#### VALVES



INFINITE SETTING VALVE



POSITIVE SETTING VALVE

#### HOSE LENGTHS

- 240 models and most 241 models are 36"
- 241-N models are 54"
- 241-250 model is 72"