

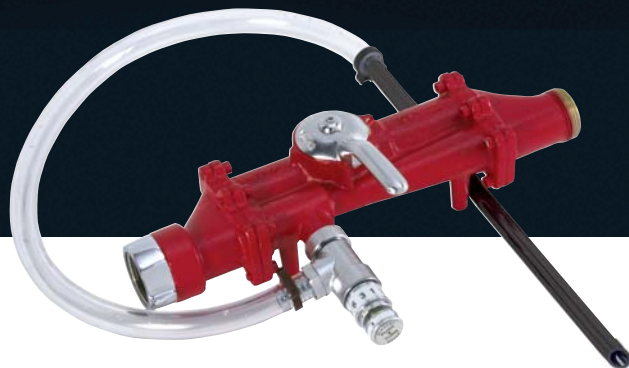


PORTABLE

Portable

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

- 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
- Come with a clear PVC pick-up hose



BRASS BY-PASS INLINE EDUCATOR

Fig. 1



BRASS INLINE EDUCATOR

Fig. 2



COMPOSITE INLINE EDUCATOR

Fig. 3

TYPE	INLET SIZE			OUTLET SIZE			FLOW RATES GPM (LPM)						METERING				MATERIAL / TRIM				Length (Inches)	Weight (Lbs.)	MODEL	FIGURE
													Fixed		Selectable		Brass			Com- posite				
	1"	1.5"	2.5"	1"	1.5"	2.5"	30 (114)	60 (227)	95 (360)	125 (473)	150 (568)	250 (946)	3%	6%	Positive 0% / ½% / 1% / 3% / 6%	Infinite 0%-6%	Chrome	Rough	Satin					
By-pass		•	•		•			•							•		s				17.25	20.5	240-60	1
		•	•		•				•						•		s				17.25	20.5	240-95	1
		•	•		•					•					•		s				17.25	20.5	240-125	1
Inline	•	•		•			•									•	s				8.375	4.5	241-30	2
		•			•				•				•					s			10.00	5.8	241-N3*	2
		•			•				•					•				s			10.00	5.8	241-N6*	2
		•			•				•				•		**					s	4.625	0.5	242-95**	3
		•	•		•			•							•		o		s		11.75	9.5	241-60	2
		•	•		•				•						•		o		s		11.75	9.5	241-95	2
		•	•		•					•					•		o		s		11.75	9.5	241-125	2
		•	•		•						•				•		o		s		11.75	9.5	241-150	2
			•			•						•			•		o		s		16.0	16.8	241-250	2

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. 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"

PICK-UP TUBE

- Composite black tube standard
- Chrome plated tube, with strainer, optional