

**PORTABLE** 

# **Portable**

Elkhart offers an eductor for all handlines (1" through  $2\frac{1}{2}$ ") 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

## **PORTABLE**

	ı														METERING				MATERIAL / TRIM							
	INLET SIZE		OUTLET SIZE					FLOW RAT GPM (LPN					Fixed		Selectable		Brass			Com- posite						
TYPE	ſ							14)	[5		ő	173)	68)	(946)			Positive	Infinite	ne	ı			h (s:	ıτ	:i:	Щ
<u> </u>	110		1.5″	2.5″	٦.,	1.5"	2.5"	30 (114)	(722) 09	20 20	95 (360)	125 (473)	150 (568)	250 (946)	3%	6%	0% / ½% / 1% / 3% / 6%	0%-6%	Chrome	Rough	Satin		Length (Inches)	Weight (Lbs.)	MODEL	FIGURE
25	L		•	٠		•			٠								•		S				17.25	20.5	240-60	1
By-pass	L		•	•		•					•						•		S				17.25	20.5	240-95	1
By	ı		•	•		•			ı	ı	۱	•					•		S				17.25	20.5	240-125	1
	Ŀ	•	•		•			•										•	S				8.375	4.5	241-30	2
	ı		•			•			П		•				•					S			10.00	5.8	241-N3*	2
	Γ		•			•			П	Į,	•					•				s			10.00	5.8	241-N6*	2
a)	Γ		•			•				Į,	•				•		**					S	4.625	0.5	242-95**	3
Inline	Γ		•	•		•					I						•		0		s		11.75	9.5	241-60	2
=	Γ		•	•		•					•						•		0		s		11.75	9.5	241-95	2
		Ī	•	•		•				Π		•					•		0		s		11.75	9.5	241-125	2
			•	•		•							•				•		0		S		11.75	9.5	241-150	2
				•			•							•			•		0		s		16.0	16.8	241-250	2

KEY s = standard o = option

- \* Inlet and outlet threads are NPSH; ID is  $\label{eq:npsh}$  ribbed hose length is 54"
- \*\* Supplied with fixed metering valves at ½%, 1%, and 3% and an
- adjustable metering valve with  $\frac{1}{2}$ % / 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"