

EDUCTOR/NOZZLE PERFORMANCE DATA

This chart is designed to help you better understand the performance of our foam eductors at various operating pressures. It will also help you choose a nozzle that is compatible with your eductor.

All of our eductors achieve their rated flow at an inlet pressure of 200 psi. At lower pressures the water flow is less, but the flow of foam concentrate will remain the same. Consequently, the foam solution will be a richer mixture than the metering valve indicates. In addition, at lower pressures (flows) the effective reach of the nozzles decreases. Please take this into account when making your initial attack.

Foam Eductors

Eductor (pages 61-62)	Recommended Nozzles For Use With Eductor	Inlet Pressure	Flow Rate*		Maximum Hose Lay [^] (feet)	Nozzle Pressure (psi)	Effective Reach [#] (feet)
			GPM	LPM			
201-60 203-60 222-60	366, 372, 366-BC, 372-BC	200	60	231	100	100	85
		120	52	197	100	75	75
		100	42	156	100	50	65
201-95 203-95 222-95	366, 367, 368, 369, 372, 366-BC, 372-BC, 373-BC, 374-BC	200	95	360	150	100	95
		150	82	310	150	75	90
		100	67	254	150	50	75
		200	95	360	250	100	95
		150	82	310	250	75	90
		100	67	254	250	50	75
203-125 222-125	366, 367, 368, 369, 372, 366-BC, 372-BC, 373-BC, 374-BC	200	125	475	150	100	100
		150	108	408	150	75	90
		100	88	333	150	50	75
		200	125	475	300	100	100
		150	108	408	300	75	90
		100	88	333	300	50	75
205-250	368, 374, 368-BC, 374-BC	200	250	950	200	100	120
		150	217	821	200	75	110
		100	177	670	150	50	80

Notes

* Total flow when picking up 6% foam concentrate through metering valve.

[^] Maximum hose lay from eductor discharge to nozzle.

[#] These figures are with foam solution flowing and the nozzle set on straight stream.

