

Foam Eductors

Akron® Municipal Eductors feature a large, easy to read, and removable metering dial with infinite settings between 0% and 6%. Detents at 1/4, 1/2, 1, 3 and 6%. The Eductors are rated to flow at 200 psi (14 bar) inlet pressure and work well with nozzles rated at 75 and 100 psi (5 and 7 bar).

In-Line Eductors

- 1 1/2" or 2 1/2" full-time swivel inlet x 1 1/2" male, except where noted
- 30" pickup hose standard on 60, 95 and 125 gpm (230, 360 and 475 lpm) eductors, 48" optional
- 48" pickup hose standard on 250 gpm (950 lpm)



Style	Inlet Size	Outlet Size	Flow		Material	Length	Weight lbs. (kg)
			GPM	LPM			
3060	1 1/2" or 2 1/2" (3.8 or 6.4 cm)	1 1/2" (3.8 cm)	60	230	Pyrolite®	* 7 3/4" (19.7 cm)	3 1/2 (1.6 kg)
3070	1 1/2" (3.8 cm)	1 1/2" (3.8 cm)	60	230	Brass	7 3/4" (19.7 cm)	9 1/4 (4.2 kg)
3071	1 1/2" (3.8 cm)	1 1/2" (3.8 cm)	95	360	Brass	7 3/4" (19.7 cm)	9 1/4 (4.2 kg)
3072	1 1/2" (3.8 cm)	1 1/2" (3.8 cm)	125	475	Brass	7 3/4" (19.7 cm)	9 1/4 (4.2 kg)
3095	1 1/2" or 2 1/2" (3.8 or 6.4 cm)	1 1/2" (3.8 cm)	95	360	Pyrolite	* 7 3/4" (19.7 cm)	3 1/2 (1.6 kg)
3125	1 1/2" or 2 1/2" (3.8 or 6.4 cm)	1 1/2" (3.8 cm)	125	475	Pyrolite	* 7 3/4" (19.7 cm)	3 1/2 (1.6 kg)
3250	2 1/2" (6.4 cm)	2 1/2" (6.4 cm)	250	950	Pyrolite	12" (30.5 cm)	8 1/2 (3.7 kg)

* 1 1/2" inlet length, 2 1/2" inlet length: 8 1/2"



Portable By-Pass Eductors

The Akron By-Pass Eductor has a built-in by-pass chamber, allowing the operator to change from water to foam without shutting down.

- 1 1/2" or 2 1/2" swivel inlet x 1 1/2" male
- Brass with chrome trim
- Changes easily to water line use
- 8 quick-change handle positions with a Swing-Out™ Valve handle
- Optional pipe thread connections available for truck plumbing



Style 3097

Style	Inlet Size	Outlet Size	Flow		Material	Length	Weight lbs. (kg)
			GPM	LPM			
3062	1 1/2" or 2 1/2" (3.8 or 6.4 cm)	1 1/2" (3.8 cm)	60	230	Brass	18" (45.7 cm)	20 (9.1 kg)
3097	1 1/2" or 2 1/2" (3.8 or 6.4 cm)	1 1/2" (3.8 cm)	95	360	Brass	18" (45.7 cm)	20 (9.1 kg)
3127	1 1/2" or 2 1/2" (3.8 or 6.4 cm)	1 1/2" (3.8 cm)	125	475	Brass	18" (45.7 cm)	20 (9.1 kg)

Industrial/Marine In-Line Eductors

- 2328 90 gpm (340 lpm) Brass In-Line Eductor**
- Set at 6% pickup rate, easily changed to 3%
 - Includes foam shutoff valve and 60" pickup hose

- 2901 90 gpm (340 lpm) Brass In-Line Eductor**
- Set at 6% pickup rate; easily changed to 3%
 - 54" pickup hose

- 2325 95 gpm (360 lpm) Brass In-Line Eductor**
- In-Line Eductor designed for use at 150 psi (10.34 bar).
(Note: Lower eductor inlet pressures reduce nozzle stream reach.)

- 1%, 2%, 3%, and 6% foam settings
- Removable foam pickup tube with metering dial for easy service and testing

- 2120 120 gpm (460 lpm) Brass In-Line Eductor**
- Metering dial settings: 1/2%, 1%, 3%, 6%



Style 2328

Style	Length	Weight lbs. (kg)	Female Inlet	Male Outlet	Operating Pressure PSI (bar)	Flow	
						GPM	LPM
2120	12 7/8" (32.7 cm)	12 (5.4 kg)	2 1/2"	2 1/2"	200 (13.79)	120	460
2325	10 1/8" (25.7 cm)	7 (3.1 kg)	1 1/2" (3.8 cm)	1 1/2" (3.8 cm)	150 (10.34)	95	360
2328	9 1/2" (24.1 cm)	8 (3.6 kg)	1 1/2" (3.8 cm)	1 1/2" (3.8 cm)	200 (13.79)	90	340
2901	9 1/2" (24.1 cm)	8 (3.6 kg)	1 1/2" (3.8 cm)	1 1/2" (3.8 cm)	200 (13.79)	90	340

Portable Eductor with On-Board Foam Access

A Portable In-Line Eductor combined with an on-board foam tank will supply large quantities of foam without the investment of a built-in foam system or the inefficiencies of handling 5 gallon pails.



- How does it work?
 - Install a foam tank (20 or 30 gallons)
 - Connect the foam tank to a quick disconnect on the pump panel
 - Connect the Eductor to a discharge
 - Connect the Eductor pickup to the quick connect
 - Open the foam valve
- What is included?
 - An Eductor with a special pickup assembly with a quick connect coupling
 - A Foam Access Panel Mount Kit
 - A Quarter Turn Valve with Tee Handle and Label



In-Line Eductor with Quick Connect

This quick and easy setup can be retrofitted to most apparatus to greatly increase foam capabilities over the conventional pail method. For increased flexibility, a separate standard pickup assembly can be added for standard pail use.

95 gpm Eductor Kit Includes:

- 95 gpm Portable Eductor Body
- Metering Dial & Pickup Hose Assembly with storz pickup connection
- Panel Mount Kit
- Quarter Turn Valve

125 gpm Eductor Kit Includes:

- 125 gpm Portable Eductor Body
- Metering Dial & Pickup Hose Assembly with storz pickup connection
- Panel Mount Kit
- Quarter Turn Valve



Quick Connect Panel Mount with Plug

A pickup assembly with the storz connection or standard pickup assemblies can be purchased separately



Quarter Turn Valve

Ultra-High Expansion Foam Generator With Eductor

For use with ultra-high expansion foam, the Akron Foam Generator fits a 16" smoke ejector for ultra-high foam expansion. The 25 gpm eductor operates at 80 psi (5.5 bar) inlet pressure. The eductor is preset at 2% and works with up to 1000' of hose. Unit includes 10' Polyethylene tube and clamps.

3500 Ultra-High Expansion Foam Generator with Eductor

- 1 1/2" female swivel x 1 1/2" male
- 19" square x 12" deep
- Weight: 25 lbs.

Style 3500



Advantage™ Master Stream Eductors

Interchangeable metering orifices allow for 1/2%, 1%, 3%, or 6% pickup rate. Rugged brass construction. Shutoff valve optional.

- 10' pickup hose & 40" tube - all PVC

Style	Length	Weight lbs. (kg)	Female Inlet	Male Outlet	Operating Pressure Psi (bar)	Flow	
						GPM	LPM
2302	8 1/4" (21 cm)	13 (5.9 kg)	2 1/2" (6.4 cm)	2 1/2" (6.4 cm)	150 (10.34)	250	950
2305	8 1/4" (21 cm)	13 (5.9 kg)	2 1/2" (6.4 cm)	2 1/2" (6.4 cm)	150 (10.34)	500	1900
2307	8 1/4" (21 cm)	13 (5.9 kg)	2 1/2" (6.4 cm)	2 1/2" (6.4 cm)	150 (10.34)	700	2660
2310	8 1/4" (21 cm)	13 (5.9 kg)	2 1/2" (6.4 cm)	2 1/2" (6.4 cm)	150 (10.34)	1000	3800



Style 2305

Jet Ratio Controller

3030 Jet Ratio Controller

The Jet Ratio Controller (JRC) is designed to feed large volumes of foam from a safe location to a self educting masterstream nozzle. The JRC can deliver a 3% foam solution to a 1000 gpm nozzle at distances up to 400' away through 1 3/4" hose while operating at 200 psi inlet pressure. The Style 3030 JRC is ideal for use with the AkroFoam™ Self Educting nozzle.

- 1 1/2" Inlet x 1 1/2" Outlet
- Pyrolite Construction
- 10' pickup hose and 40" Pickup Tube (Stinger)
- Weight: 3 3/4 lbs

Style 4475
AkroFoam™ Nozzle
See Page 30



Style 3030

