

# 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" (38 or 65 mm)	1 1/2" (38 mm)	60	230	Pyrolite®	* 7 3/4" (197 mm)	3 1/2 (1.6 kg)
3070	1 1/2" (38 mm)	1 1/2" (38 mm)	60	230	Brass	7 3/4" (197 mm)	9 1/4 (4.2 kg)
3071	1 1/2" (38 mm)	1 1/2" (38 mm)	95	360	Brass	7 3/4" (197 mm)	9 1/4 (4.2 kg)
3072	1 1/2" (38 mm)	1 1/2" (38 mm)	125	475	Brass	7 3/4" (197 mm)	9 1/4 (4.2 kg)
3095	1 1/2" or 2 1/2" (38 or 65 mm)	1 1/2" (38 mm)	95	360	Pyrolite	* 7 3/4" (197 mm)	3 1/2 (1.6 kg)
3125	1 1/2" or 2 1/2" (38 or 65 mm)	1 1/2" (38 mm)	125	475	Pyrolite	* 7 3/4" (197 mm)	3 1/2 (1.6 kg)
3250	2 1/2" (65 mm)	2 1/2" (65 mm)	250	950	Pyrolite	12" (305 mm)	8 1/2 (3.7 kg)

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



Style 3095

## 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" (38 or 65 mm)	1 1/2" (38 mm)	60	230	Brass	18" (457 mm)	20 (9.1 kg)
3097	1 1/2" or 2 1/2" (38 or 65 mm)	1 1/2" (38 mm)	95	360	Brass	18" (457 mm)	20 (9.1 kg)
3127	1 1/2" or 2 1/2" (38 or 65 mm)	1 1/2" (38 mm)	125	475	Brass	18" (457 mm)	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" (327 mm)	12 (5.4 kg)	2 1/2" (65 mm)	2 1/2" (65 mm)	200 (13.79)	120	460
2325	10 1/8" (257 mm)	7 (3.1 kg)	1 1/2" (38 mm)	1 1/2" (38 mm)	150 (10.34)	95	360
2328	9 1/2" (241 mm)	8 (3.6 kg)	1 1/2" (38 mm)	1 1/2" (38 mm)	200 (13.79)	90	340
2901	9 1/2" (241 mm)	8 (3.6 kg)	1 1/2" (38 mm)	1 1/2" (38 mm)	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

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.

### 3095 with On-Board Foam Access

#### Kit Includes:

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

### 3125 with On-Board Foam Access

#### Kit Includes:

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

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



3095 In-Line Eductor with Quick Connect On-Board Foam Access



Quick Connect Panel Mount with Plug



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" (210 mm)	13 (5.9 kg)	2 1/2" (65 mm)	2 1/2" (65 mm)	150 (10.34)	250	950
2305	8 1/4" (210 mm)	13 (5.9 kg)	2 1/2" (65 mm)	2 1/2" (65 mm)	150 (10.34)	500	1900
2307	8 1/4" (210 mm)	13 (5.9 kg)	2 1/2" (65 mm)	2 1/2" (65 mm)	150 (10.34)	700	2660
2310	8 1/4" (210 mm)	13 (5.9 kg)	2 1/2" (65 mm)	2 1/2" (65 mm)	150 (10.34)	1000	3800



Style 2305

### Jet Ratio Controller

**3030 Jet Ratio Controller**

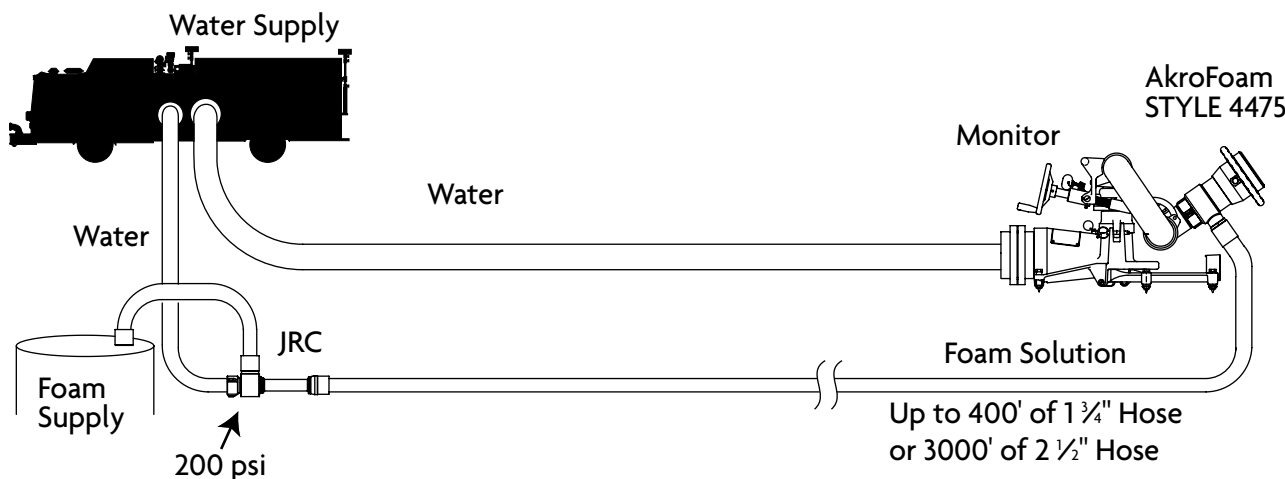
The Jet Ratio Controller (JRC) is designed to feed large volumes of foam from a safe location to a self educating masterstream nozzle. The JRC can deliver a 3% foam solution to a 1000 gpm nozzle at distances up to 400' away through 1 3/4" hose while operating at 200 psi inlet pressure. The Style 3030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

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

Style 4475  
AkroFoam™ Nozzle  
See Page 30



Style 3030



## Foam Truck Systems

- 8 quick change handle positions (easily changed after installation) means less installation time
- Specify inlet and outlet, 2", 2 1/2" NPT or 2" victaulic
- Improved pressure recovery provides greater versatility
- Choose 60, 95, or 125 gpm (230, 360, or 475 lpm)
- Performs well with both 75 and 100 psi rated nozzles (75 psi nozzles allow longer hose lays and less reaction force)
- Easily changed to water line use

Each Truck System Includes:

- Rugged brass By-Pass Eductor
- Foam Metering Dial
- One 2" In-line Swing-Out™ valve - with built-in check valve
- Two 1" In-line Swing-Out valves
- One 1" check valve
- Four Style 1477 Remote Controls

Note: Each truck system is for a single tank operation. A two tank system requires one (1) additional 1" Swing-Out Valve, 1" check valve and 1477 Remote Control.

**3061 60 gpm (230 lpm) Foam Truck System**

**3096 95 gpm (360 lpm) Foam Truck System**

**3126 125 gpm (475 lpm) Foam Truck System**



By-Pass Eductor



Style 3096

Foam Metering Dial

## Off-Truck Foam Access Kit

A quick disconnect pickup tube for off-truck foam access can be easily added to an existing Akron® Foam System or can be included with any new system if specified. This option provides foam access from an off-truck foam supply.

Designed for:

- Switching between class A and B foams
- Operation through the metering panel
- Supplementing a depleted foam supply
- Foam training

Each Kit Includes:

- Quick connect panel mount and plug
- One 1" check valve
- One 5' quick connect Pickup Hose Assembly
- One Style 57 Drain Valve

**3128 Off-Truck Foam Access Kit**

- Specify kit when ordering a Foam Truck System or order separately



Style 3128

