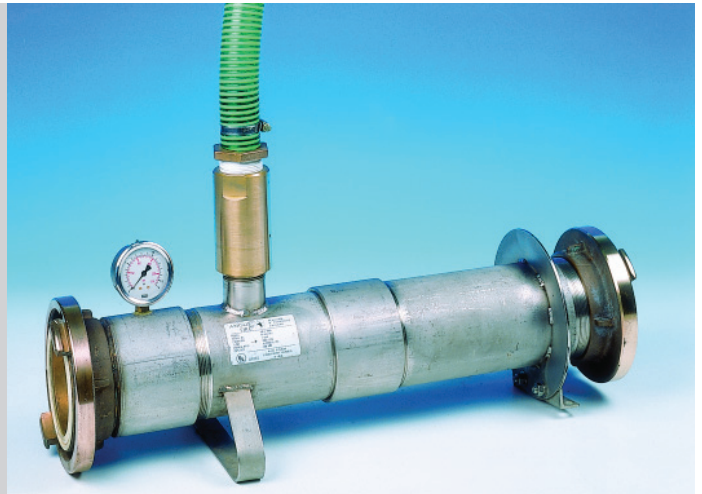


MEX Foam Eductors

Designed for Use with the Angus Fire Range of Medium Expansion MEX Dike Pourers

- Quick Response to Semi-Fixed Applications
- Choice of Sizes



Angus MEX foam eductors are constant flow devices, designed for use with the Angus Fire range of Medium Expansion MEX Dike Pourers for quick response to semi-fixed applications.

The MEX eductor range comprises 3 sizes with flows of 159, 317 and 476 GPM (600, 1200 and 1800 LPM). These sizes have been specifically matched to the outputs of the Angus MEX Dike Pourers (see data sheets ref 5109, 5101 and 5100 for further details), to facilitate quick and easy set-up in an emergency.

They are intended for operation at an inlet pressure of 100 PSI (7 Bar) to simplify use with fire vehicles, although calibration for other inlet pressures can be provided if specified when ordering. Up to 164 Ft (50 M) maximum of Duraline fire hose can be used between each MEX eductor and MEX Dike Pourer, which ensures satisfactory operation, producing generous quantities of fluid yet stable foam. This is ideal for large area fire fighting or hazardous vapor control.

Optimum results are achieved with Angus natural protein based foam concentrates (Petroseal FFFP and Alcolseal AR-FFFP).

For simplicity of use, hydraulic efficiency and speed of deployment, each unit utilizes a different line size. All couplings are gunmetal for corrosion resistance and long life, since regular seawater use is anticipated.

While 2½" British Instantaneous couplings (BS 336) are supplied on the MEX 600 eductor, the two larger units are fitted with 75mm and 110mm Storz connections. Alternative BSP male threaded connections are available and other adaptors may be selected from the "Armourite" range.

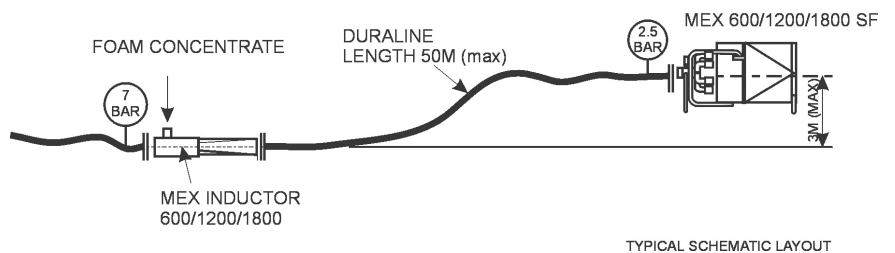
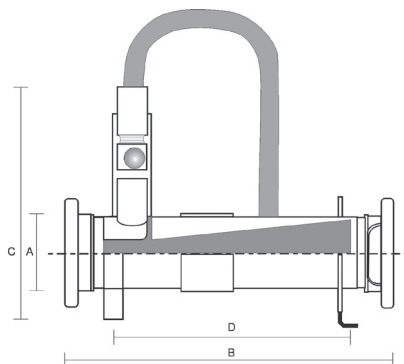
It is recommended that the MEX Dike Pourers are operated no more than 10 Ft (3 M) vertically above the MEX eductors to avoid back pressure problems occurring, and achieve maximum performance at the pourer.

All units are manufactured from 316 stainless steel for optimum corrosion resistance and reliability. They have a natural finish with polyester internals.

Each MEX eductor is fitted with a check valve and 10 Ft (3 M) pick-up tube, to allow use with 50 Gal (200 L) foam drums. This also avoids the potential risk of water diluting the foam supply, which can be caused by high back pressures occurring due to poor hose configurations, when operating up steep slopes, or mismatching of equipment.

To ensure accurate proportioning, the suction lift should be minimized and the water supply hoses should be no less than the diameter of the eductor. Each MEX eductor is accurately calibrated for the foam type being used. To ensure the correct calibration is achieved, the following parameters must be defined at order stage:

- Foam type to be used
- Percentage eduction rate required (between 1% and 6%)
- Eductor inlet pressure required (if other than 100 PSI (7 Bar))



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SPECIFICATION				
MEX Eductor		MEX 600	MEX 1200	MEX 1800
Flow Rate - GPM (LPM)		159 (600)	317 (1200)	476 (1800)
Nominal Pick-Up Tube Diameter - In (mm)		1 (25)	1-1/2 (40)	1-1/2 (40)
MEX Dike Pourer		MEX 600/600SF	MEX 1200/1200SF	MEX 1800/1800SF
Recommended Hose and Size		65mm Duraline	75mm Duraline	100mm Duraline
Maximum Hose Length - Ft (M)		164 (50)	164 (50)	164 (50)
Connections*:	MEX Eductor Inlet	2-1/2" Inst. Male Gunmetal	75mm Storz Gunmetal	100mm Storz Gunmetal
	MEX Eductor Outlet	2-1/2" Female Gunmetal	75mm Storz Gunmetal	100mm Storz Gunmetal
Coupling Required for MEX Dike Pourer Inlet*		2-1/2" Inst. Male Gunmetal	75mm Storz Gunmetal	100mm Storz Gunmetal

* Other connections available upon request.

DIMENSIONS (NOMINAL)				
MEX Eductor		MEX 600	MEX 1200	MEX 1800
Line Size:	A - (mm)	65	75	100
	B - In (mm)	19 (484)	18-3/4 (476)	23 (582)
	C - In (mm)	11 (280)	13 (330)	14-1/2 (370)
	D - In (mm)	10-1/4 (260)	11-13/16 (300)	15-3/4 (400)
Approximate Weight - Lb (Kg)		11 (5)	26-1/2 (12)	44 (20)

EMERGENCY FOAM SERVICE Call +1 610-363-1400 – 24 hours a day, every day