Anderson MEX Pourers

The Semi-Fixed Solution to Dike Protection

- Semi-Fixed Units
- Suited to Applications Requiring Large Volumes of Free Flowing Foam
- Efficient and Cost Effective
- Compact and Robust

Bulk Storage Tank dike fires, because of their large surface area, are notoriously difficult to control and extinguish. Spillages in these diked areas are common and have caused several major tank fires.

Significant quantities of unignited fuel can spread rapidly from leaking valves, flanges, cracked pipes, overfill relief systems, and routine maintenance, threatening personnel and plant safety. Serious incident escalation results from ignition of these flammable vapors.

As a further innovative development of the Angus Fixed Medium Expansion (MEX) Dike Pourer range, these semi-fixed units offer the flexibility of a "portable" approach. Following set up, personnel can then retreat to a safe area during operations.

Although primarily designed for vapor suppression of unignited spills and hazardous chemicals they can also be highly effective for fire protection applications.

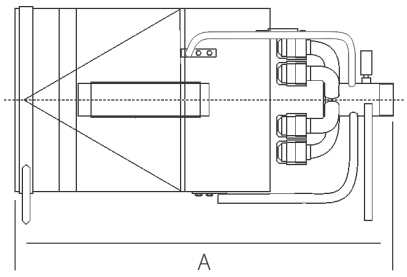
These MEX pourers are also suited to many other applications requiring large volumes of free flowing foam eg. process areas, road traffic accidents, warehousing and finished goods storage protection.

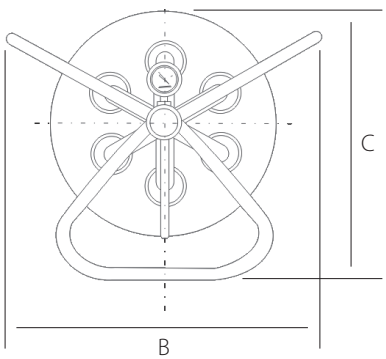
These "Anderson" semi-fixed MEX Pourers represent an efficient and cost effective way of controlling risks with maximum flexibility. Their high performance design produces a free-flowing and stable foam blanket extinguishing fire and cooling vulnerable pipework minimizing the risk of potential rupture.

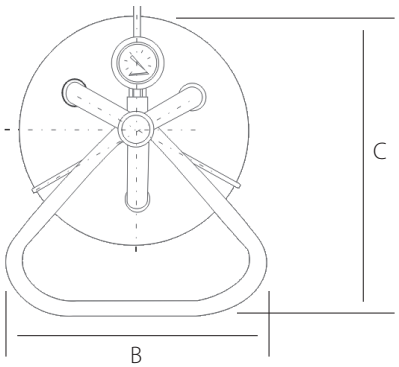
The Angus semi-fixed range comprises three lightweight, compact and robust units. Foam solution flows range from 123 - 520 GPM (465 - 1970 LPM) at inlet pressures of 22 - 44 PSI (1.5 - 3 Bar). Operation at such low pressure minimizes pumping capacities and water requirements, ensuring a cost effective system. A pressure gauge is incorporated to ensure the correct operating pressures are achieved.

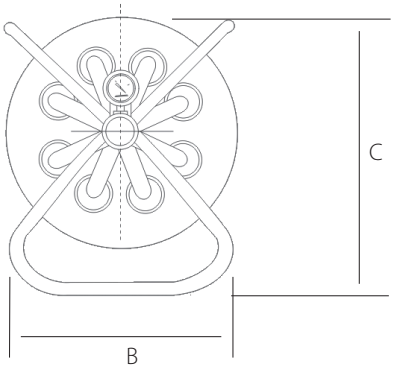
These units are particularly effective when used with Angus fluoroprotein and film forming fluoroprotein foam concentrates. The cohesive nature of FP/FFFP foams also minimizes the effects of wind.

Each unit produces a large volume of free flowing stable MEX foam, providing rapid coverage of the diked area. Such gentle foam application minimizes contamination of the foam by the fuel.









Anderson MEX Pourers

The Semi-Fixed Solution to Bund Protection

SPECIFICATION				
		MEX 600 SF	MEX 1200 SF	MEX 1800 SF
Nozzle Quantity		3	6	9
Dimensions - In (mm)	A	25 (635)	34-1/8 (867)	38 (965)
	B	12-1/2 (320)	20-7/8 (530)	20-5/8 (524)
	C	16 (405)	19-11/16 (500)	24-7/16 (620)
Inlet Connection		2″ BSP Taper	2-1/2″ BSP Taper	3″ BSP Taper
Materials	Pipework Spider		316 Stainless Steel	
	Nozzles		Brass/Gunmetal Natural Finish	
	Pourer Tube		316 Stainless Steel	
	Internals		316 Stainless Steel	
	Screws, Nuts, Washers		Stainless Steel	
Approx. Weight - Lb (Kg)		20 (9)	37-1/2 (17)	56-1/4 (25-1/2)

PERFORMANCE DATA (TYPICAL)			
MEX 600 SF	MEX 1200 SF	MEX 1800 SF	
Operating Pressure Range	22 - 44 PSI (1.5 - 3 Bar)		
Optimum Flow Rate @ 36 PSI (2.5 Bar) Inlet Pressure GPM (LPM)	159 (600)	317 (1200)	476 (1800)
Typical Expansion Ratio (Using 3% FluoroProtein)	35- - 50:1 @ 36 PSI (2.5 Bar)		
Typical Foam Output @ 36 PSI (2.5 Bar) FT^3/Min (M^3/Min) (Using 3% FluoroProtein)	848 (24)	1695 (48)	2543 (72)

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

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