Hi-Combat Medium Expansion Branchpipes

MEX 225U & MEX 450U

- Tough, lightweight and compact
- High volume
- Rapid foam cover
- Suitable for use in fixed systems

Angus MEX Branchpipes produce medium expansion foam which is effective in a wide range of fires involving both flammable liquids and solids.

Fabricated in stainless steel the units are tough, lightweight and compact, fitting easily into fire appliance lockers. They produce long throws of a coherent foam stream at low pressures and the high volume of foam produced gives rapid coverage over a large area but with minimum water usage. This makes them ideal for rapid foam cover in outdoor situations or for enclosed fires where total flooding with foam is possible.

The Branchpipes are matched to Angus Foam Uniductors. The MEX 225U matches the Angus UNI-225 Inductor and the MEX 450U matches the Angus UNI 450 Inductor. MEX 225U and MEX 450U are suitable for use with Angus Expandol, Petroseal, Alcoseal and FP7O foam concentrates.

Angus Petroseal and Alcoseal produce stable high performance medium expansion foams when used with MEX Branchpipes and MEX Pourers.

Where foam destructive liquids may be involved Alcoseal foam provides the most flexible solution. Fires in hydrocarbon or polar solvent can be extinguished and toxic/flammable gas emission from spills can be supressed.

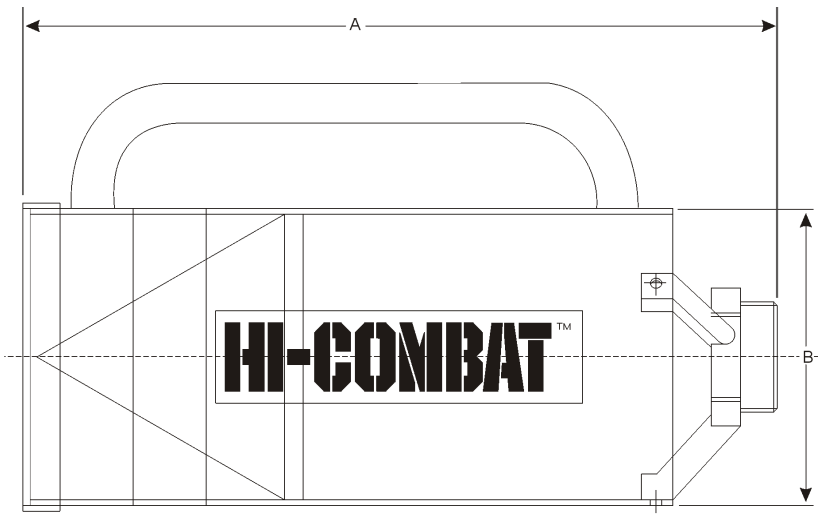
MEX Branchpipes/Pourers are also suitable for use in fixed systems (see MEX Bund Pourers leaflets 5100 and 5109).

Typical Applications

- Hydrocarbon liquid spill fires for example in road tanker or crashed vehicle fires.
- Fires in foam destructive fuels using Alcoseal foam.
- Total flooding applications such as cellars, cable ducts, engine rooms, storage rooms, etc. where solid and liquid fuels may be involved.
- Control of vapour release from toxic or flammable liquid spills. Specialist advice available from Angus.

Finish

Body and Handle: Stainless Steel 304 – Brushed.
Light alloy coupling and chrome plated brass nozzle.
Stainless steel gauze.



Foamaster

MEX 225U & MEX 450U

Specification:		
	MEX 225U	MEX 450U
Weight (including instantaneous coupling):	3.5 Kg	5.1 Kg
Dimensions:		
Overall Length: A	455 mm	595 mm
Body Diameter B	170 mm	216 mm
Standard Fitting:	65 mm	(2½" in.) male instantaneous inlet.
Optional Fitting:		(2 in.) B.S.P. male inlet.

Performance						
Typical Performance (using 3% Expandol) Branch Type	Branch Pressure Bars	Flow Rate Litres/ Min.	Expansion approx.	Output M^3/min.	Throw Metres	K Factor K=Flow (L/Min.) √Pressure (bar)
MEX 225U	2.5	135	55:1	8.8	6	85
MEX 450U	2.5	285	55:1	15.6	8	180
At recommended use concentrations, Petroseal, Alcoseal and FP70 will give typical expansions of 40 - 45:1						

Shipping Specification : One Carton		
	MEX 225U	MEX 450U
Gross Weight:	5Kg	6.5 Kg
Dimensions:	210 mm x 450 mm x 585 mm	280 mm x 460 mm x 700 mm

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