

Low Expansion Foam Branchpipes

Hi-Combat

The Angus series of low expansion foam branchpipes has been designed with long range performance in mind. There are three basic models with nominal foam solution throughputs of 225, 450 and 900 litres/mm at 7 bar. Self-inducing models are available in the 225 and 450 litre/minute versions.

All models produce finished foams of nominal expansion 10 : 1 and give foam streams of an exceptional range. To get the best results from these branchpipes we recommend use with either FP70 Plus Fluoroprotein foam or Alcoseal AR-FFFP multi-purpose foam concentrate.

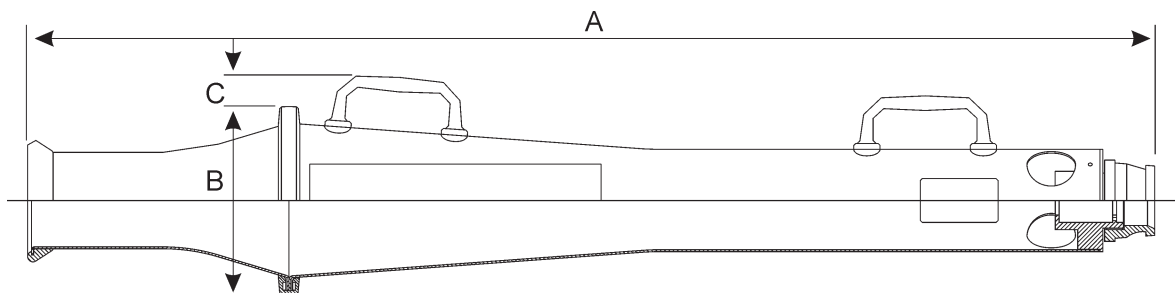
The /SH models are fitted with a self-inducing foam inlet connection, foam concentrate pick-up tube and piercer.

PERFORMANCE DATA

Branchpipe	Pressure at Branchpipe bar	Nominal Flow Litres/mm	Range Metre
F.225/HU	3.5	160	14
Use type 225 uniductor with above model	5.3	195	17
F.225/SI	7.0	225	20
F.450/HU	3.5	320	15
Use type 450 uniductor with above model	5.3	390	18
F.900/H	3.5	724	18
Use type 900 inductor with above model	5.3	891	21
	7.0	1024	24

APPROVALS

Underwriters Laboratories Inc. : F.225/HU
 Lloyd's Register of Shipping : F.225/HU, F.225/SI, F.450/HU
 Maritime and Coastguard Agency : F.225/HU, F.225/SI, F.450/HU



N.B. Handles provided on F450/HU and F900/H models only.

SPECIFICATION

Specification:		Light alloy body finished in yellow thermoplastic powder paint. Nylon coated light alloy handles (F.450/HU, and F.900/H models). Oil resistant synthetic rubber protection rings.		
Model:		F.225/HU	F.450/HU	F.900/H
Approx. Weight:		2 kg	2.5 kg	4.5 kg
Dimensions:				
Overall Length	A	800 mm	975 mm	1185 mm
Body Diameter	B	130 mm	145 mm	190 mm
Handle Height	C	Not applicable	38 mm	35 mm

Self-inducing models: Pick-up tube length - 1m
Piercer length - 440 mm

USING AN INDUCTOR

Angus Hi-Combat Low Expansion Foam Branchpipes have been designed to match the characteristics of Angus Hi-Combat Foam Inductors. Correct matching is essential if optimum performance is to be obtained.

If the flow rating of the branchpipe is greater than that of the inductor, throw from the branch pipe will be reduced. If the flow rating of the branchpipe is less than that of the inductor, induction may cease.

To avoid confusion, Angus Hi-Combat Foam Branchpipes and Variable Foam Inductors are colour coded:

UNI 225, F225/HU, MEX 225U and Angus Mini-Turbex	No colour band
UNI 450, F450/HU and MEX 450U	Red colour band
IND 900 and F900/H	Blue colour band

For further details on the Angus Hi-Combat Variable Foam Inductor range, see Data Sheet 3171.

FITTINGS

Hi-Combat Low Expansion Foam Branchpipes are normally supplied with a 2 1/2" British Instantaneous coupling to BS 336 in light alloy, or a 2" BSP (m) threaded connection. Other adaptors may be selected from the "Armourite" range. An on/off ball valve may be specified as an optional extra on the /H models.