

Hi-Combat® Low Expansion Foam Branchpipes

- Long Range Performance
- Choice of Models



The Angus Hi-Combat® series of low expansion foam branchpipes has been designed with long range performance in mind.

There are three basic models with nominal foam solution rate of 59, 119, and 238 GPM (225, 450 and 900 LPM) at 102 PSI (7 bar).

Self-inducting models are available in the 59 and 119 GPM (225 and 450 LPM) 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 Tankmaster Fluoroprotein foam or Alco seal AR-FFFP multi-purpose foam concentrate.

The /SI models are fitted with a self-inducting foam inlet connection, foam concentrate pick-up tube and hose.

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

Fittings

Hi-Combat® Low Expansion Foam Branchpipes are normally supplied with a 2½" 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.

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

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.

Hi-Combat® Low Expansion Foam Branchpipes

PERFORMANCE DATA

Branchpipe	Pressure at Branchpipe PSI (Bar)	Nominal Flow GPM (LPM)	Range Ft. (M)
F.225/HU	51 (3.5)	42 (160)	39 (12)
Use type 225 Uniductor with above model	77 (5.3)	52 (195)	56 (17)
F.225/SI	102 (7.0)	59 (225)	66 (20)
F.450/HU	51 (3.5)	85 (320)	49(15)
Use type 450 Uniductor with above model	77 (5.3)	103 (390)	59 (18)
F.450/SI	102 (7.0)	119 (450)	69 (21)
F.900/H	51 (3.5)	191 (724)	59 (18)
Use type 900 Uniductor with above model	77(5.3)	235 (891)	69 (21)
	102 (7.0)	271 (1024)	79 (24)

SPECIFICATION

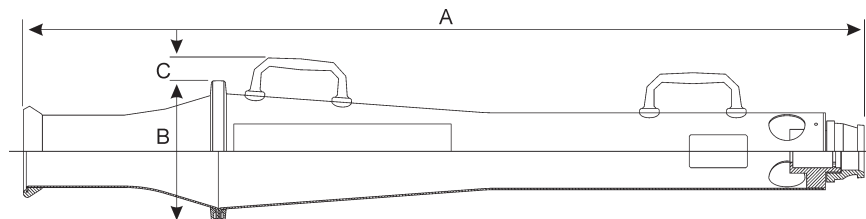
Model	F.225/HU	F.450/HU	F.900/H
Approx. Weight - lbs. (kg.)	4 (2)	6 (2.5)	10 (4.5)
Dimensions			
Overall Length - in. (mm)	A	31 (800)	38 (975)
Body Diameter - in. (mm)	B	5 (130)	6 (145)
Handle Height - in. (mm)	C	Not Applicable	1.5 (38)
Self-Inducting Models:	Hose Length - 3.2 ft. (1m) Pick-Up Tube Length - 1.4 ft. (440mm)		

COLOR CODED

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

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

For further details on the Angus Hi-Combat Variable Foam Inductor range, see Data Sheet AFD3171.



Note:

- N.B. Handles provided on F450/HU and F900/H models only.
- Refer to Specification chart for dimensions.

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