



# Rimseal Foam Pourer

## Features

- ✓ Low profile unit
- ✓ Delivers foam gently onto rimseal
- ✓ Easy fixing with dual clamp system
- ✓ Low maintenance, reliable and cost-effective

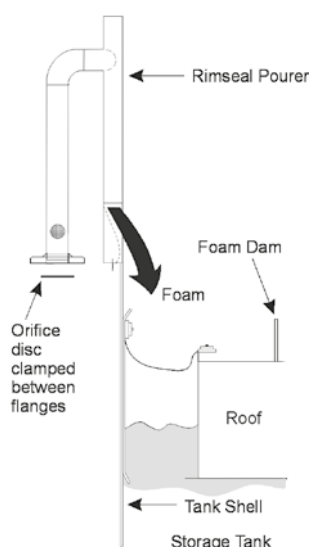


Rimseal Foam Pourer RFP50F is listed by Underwriters Laboratory (UL). Angus Fire is a company assessed to ISO 9001.

## For fire protection of vertical Open Top Floating Roof (OTFR) storage tanks.

Angus Rimseal Foam Pourer RFP50F is a 2" ANSI 150 flanged unit & RFP80F has 3" ANSI 150, used for the fire protection of rimseals in vertical Open Top Floating Roof (OTFR) storage tanks. Suitable for the rimseal area, where a closed double deck or pontoon type roof and seal floating on the fuel, fit inside the tank.

### Schematics



They comprise a single integral unit with specially calibrated orifice disc sized for the flows and pressures required (RFP50F: 61L/min at 4 bar to 250L/min at 10 bar g.; RFP80F: 186L/min at 4 bar to 690L/min at 10 bar g.).

### Designed to combat wind

These RFP50F/RFP80F produce expanded foam when supplied with foam solution (typically 4:1 to 8:1 depending on foam and pressure) and deliver foam in contact with the tank shell, minimising the adverse effects of wind, guiding it gently into the rimseal area below.

Each unit is factory calibrated to deliver the specified flow at a given pressure required within the limits shown in the graph below.

These low-profile units protect the foam from high winds and guide it gently on to the tank shell to slide down into the seal area.

The stainless steel mesh at the foam exit improves foam quality and helps prevent blockage from insects and nesting birds.

Whether new or retro-fit tanks, these units provide cost-effective use of foam concentrate and water resources by producing exactly the designed foam solution application rate required.

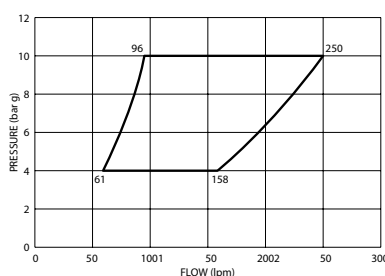
Accurate factory calibration ensures full compatibility with existing foam concentrate induction systems.

### Easy installation

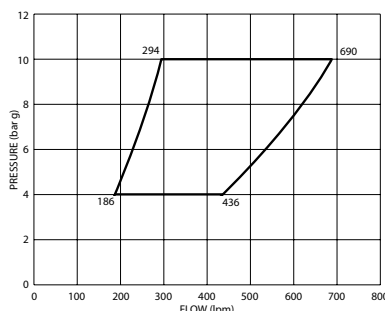
To simplify installation, a dual clamp fitting kit is supplied (optional extra) facilitating installation to the tank whilst still in use and without the need for any hot work.

Angus RFP50F/RFP80F are suitable for use with most Angus foam concentrates.

RFP50F



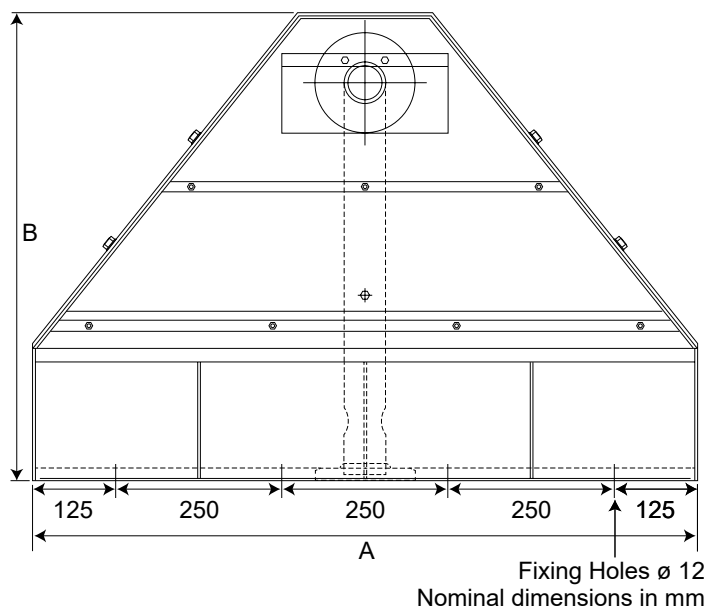
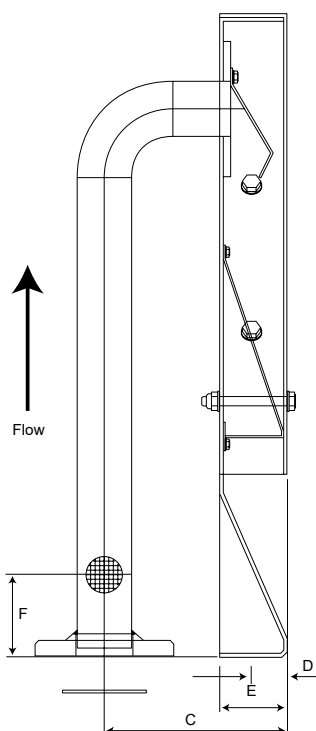
RFP80F



Fitting Kit (consisting of two clamps)  
Part No. AES25180



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Call +44 (0) 15242 61166



### Specification Data

Pourer Type		RFP50F	RFP80F
Dimensions	A (mm)	1000	1000
	B (mm)	700	700
	C (mm)	200	240
	D (mm)	40	40
	E (mm)	75	75
	F (mm)	50	80
Inlet Connection		2" ANSI 150 RF	3" ANSI 150 RF
Materials	Pourer Body	Carbon Steel (Stainless Steel SS316 Optional)	
	Internal Mesh	Stainless Steel	
	Pipe	Carbon Steel Tube	
	Optional Fixing Clamps	Clamp: Malleable Iron, Natural Finish Bolt: Steel, Zinc Plated	
Finish		Yellow Thermoplastic Powder Coated (Red Optional)	
Approx Weight (kg)		37	41
To Intall	Fixing Holes	4 x 12mm dia. holes	4 x 12mm dia. holes
	Optional Fixing Clamps	Min. 2 clamps per pourer	Min. 2 clamps per pourer
Operating Pressure		4 bar to 10 bar g	4 bar to 10 bar g
Typical Foam Expansion Ratio		4:1 to 8:1 depending on concentrates and pressures	

Angus Fire operates a continuous programme of product development. The right is therefore reserved to modify any specification without prior notice and Angus Fire should be contacted to ensure that the current issues of all technical data sheets are used.