

Raptor Dual Flow Foam Nozzle

B475/230

- Ergonomically Designed Pistol Grip
- Unique Serial Number
- Corrosion Resistant



The Raptor Dual Flow Foam Nozzle provides professional fire fighters with a range of flow combinations to meet their needs without having to leave the area of the incident to change nozzles.

The light alloy, ergonomically designed pistol grip, and trigger on/off control enable the nozzle to be controlled at the same time as the flow rate is adjusted.

The body is manufactured in light alloy for ease of handling and all alloy components are hard anodized to provide corrosion protection and a long lasting protective surface finish.

Selectable Flow Rate

The flow rate can be set via an easy grip ring on the body.

Once operations are completed the flow adjuster can be set to a "Flush" setting to ensure any foam or debris is flushed from the nozzle.

Setting	A	B
Flow (LPM)	230	475
Flow US (GPM)	60	125
Flow Imperial (GPM)	50	105

Unique Serial Number

Every nozzle is etched with a unique serial number before leaving the factory. The number can be used to log each nozzle into inventory and to track equipment in the field.

Shut-Off Valve

Operation is smooth and progressive to allow the operator complete control over the nozzle action.

Stainless Steel Foam Tube

A foam expansion tube fitted with a foam spreader gives foam expansion rates of up to 9:1 (depending on foam and operating conditions).

Inlet Layout and Combinations

The Raptor Dual Flow Foam Nozzle is supplied with a 2½" BSP female thread inlet fitted with a 2½" British instantaneous coupling. Adapters to allow Storz, and most fire hose fittings in common use world wide are available on request.

The inlet is fitted with a swivel to allow the nozzle to be rotated continuously on the end of the supply hose.

Approvals and Standards

Manufactured in an ISO9001 accredited facility.

Service and Maintenance

The Raptor Dual Flow Foam Nozzle requires minimal maintenance during operation provided the unit is regularly flushed after being used with foam or contaminated water.

It is recommended the nozzle is stripped and inspected annually if in regular service. Use in arduous conditions may require more frequent servicing.

Service kit - No 1238

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SPECIFICATION

Flow Rate - GPM (LPM)	Pressure - PSI (Bar)	Petroseal Foam Expansion Rate	Flat Fan Spray Footprint - Ft (M)	Range - Ft (M)
51 (230)	102 (7)	9 : 1	33 x 8 (10 x 2.5)	39 (12)
104 (475)	102 (7)	7 : 1	39 x 15 (12 x 4.5)	49 (15)

TECHNICAL DATA SUMMARY - ANGUS DUAL FLOW FOAM NOZZLE B475/230

Applicable Codes and Standards	NFPA
Min/Max Temperature for Normal Use - (Water Supply Above 32° F (0° C))	-4°F/+122°F (-20°C/+50°C)
Minimum Pressure for Full Operation	51 PSI (3.5 Bar)
Maximum Pressure for Full Operation	203 PSI (14 Bar)
Optimum Design Pressure	102 PSI (7 Bar)
Test Pressure (Shut-Off Valve Closed)	334 PSI (23 Bar)
Body Material	Aluminum
Foam Tube Material	Stainless Steel
Spreader Material	Stainless Steel
Media	Potable (Fresh) Water and Fire Fighting Foam
Performance - Constant Flow Settings	51, 104 GPM (230, 475 LPM)
Nominal Body Size	2-1/2" (65mm)
Body Inlet Connection	2-1/2" BSP Female Thread with Swivel
Inlet Connection (Standard)	2-1/2" British Instantaneous Coupling
Inlet Connection (Options)	Storz, US Fire Thread, 1-1/2" BSP
Shut-Off	Hand Operated Trigger
Weight	8.8 Lb (4.0 Kg)
Overall Length	15-3/4" (400mm)
Finish	Hard Anodized
Markings	Laser Etched onto Anodized Bands
Serial Numbering	Unique Factory Etched Serial Number

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