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 anodised 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 l/min	230	475
Flow imperial Gal/min	50	105
Flow US Gal/min	60	125

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 instantanious acoupling . 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 ardous conditions may require more frequent servicing.

Service kit - No 1238

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Specification				
Flow Rate	Pressure	Petroseal Foam Expansion Rate	Flat Fan Spray Footprint	Range
230 l/min	7 bar	9 : 1	10 x 2.5 m	12 m
475 l/min	7 bar	7 : 1	12 x 4.5 m	15 m

Technical Data Summary Angus Dual Flow Foam Nozzle B475/230	
Applicable codes and standards	NFPA
Min/Max temperature for normal use (water supply above 0°C)	-20°C/+50°C
Minimum pressure for full operation	3.5 barg
Maximum pressure for full operation	14 barg
Optimum design pressure	7 barg
Test pressure (shut off valve closed)	23 barg
Body Material	Aluminium
Foam Tube Materia	Stainless Steel
Spreader Material	Stainless Steel
Media	Potable (fresh) water and fire fighting foam
Performance - constant flow settings	230, 475 l/min
Nominal body size	65mm (2½")
Body inlet connection	1½" BSP female thread with swivel
Inlet connection (standard)	2½" British instantaneous coupling
Inlet connection (options)	Storz, US fire thread, 1½" BSP
Shut off	Hand operated trigger
Weight	4.0 kg (8.8lbs)
Overall length	400 mm (15.75")
Finish	Hard anodised
Markings	Laser etched onto anodised bands
Serial numbering	Unique factory etched serial number

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