

## Premium Quality Selectable Gallonage Nozzle



## Viper<sup>®</sup> Blue Devil<sup>®</sup>

*Provide Multiple Flow Selections and Stream Patterns While Maintaining Constant Gallonage with All Multiple Flow and Pattern Settings*

### General Applications:

- Municipal and industrial firefighting use

### Construction:

- Manufactured with highest quality anodized aluminum and a long lasting protective surface to provide protection against corrosion.
- Superior quality valve with dual seat and dual drive shaft.
- The valve itself is a low maintenance product with a stainless steel ball valve (except for the 2 1/2" size which utilizes a highly engineered polymer resin ball) operated through an OPEN/CLOSE lever.

### Features and Advantages:

**Flow Settings** – The flow rate can be set through an easy grip ring featuring preset positions. The flow ring has a raised lug to identify the maximum flow setting in low visibility conditions.

The FLUSH mode is used to ensure that any debris is flushed from the nozzle to avoid pattern disruptions or flow reductions.

**Stream Pattern** – The nozzle stream is adjusted by rotating the bumper giving the firefighter the widest fog pattern (Full Fog – Protection) to the narrowest fog pattern (Narrow Fog and Straight Stream). The bumper

has a raised lug to identify the Narrow Fog in low visibility conditions.

**RYLSTATIC<sup>®</sup> Patented System** – The VIPER<sup>®</sup> BLUE DEVIL<sup>®</sup> series comes standard with the innovative patented fog pattern called RYLSTATIC<sup>®</sup>. RYLSTATIC<sup>®</sup> is a system that gives you a uniform water fog with smaller water droplets and less friction loss than other traditional systems. VIPER<sup>®</sup> BLUE DEVIL<sup>®</sup> nozzles have been designed to offer a broader fog shield of protection to the firefighters. Traditional spinning teeth are available as an option on all VIPER<sup>®</sup> BLUE DEVIL<sup>®</sup> nozzles.

**Shut Off Valve** – The operation is smooth and constant allowing firefighters to open and close the valve easily. The valve has a dual seat and dual driven shaft to offer better performance against water hammers and to enhance its durability.

**Foam Use** – The VIPER<sup>®</sup> BLUE DEVIL<sup>®</sup> nozzle can be used as a foam nozzle with the addition of the optional Foam Tube. The nozzle works well with pre-mixed solutions or with inline Eductors.

**Ring Markings** – Markings on the flow selector ring and the pattern ring are laser engraved onto anodized aluminum to ensure they are easy to read and will not fade.



## Premium Quality Selectable Gallonage Nozzle

**Lot Number** – Every nozzle is marked with a lot number before leaving the factory. This number can be used for traceability purposes.

**Stainless Steel Inlet Screen** – A stainless steel screen is mounted within the inlet to prevent material from entering the nozzle which reduces the risk of damage or failure during operation.

**Inlet Options** – The VIPER® BLUE DEVIL® selectable flow nozzles are available with the following standard threads:

- NST/NH Female
- NPSH/IPT Female
- BSP Female

The swivel inlet allows the nozzle to rotate continuously while connected to the hose.

**Approvals and Standards** – The VIPER® BLUE DEVIL® nozzle is National Fire Protection Association (NFPA) 1964 compliant and is manufactured in an ISO 9001 accredited facility. European Standards (EN) 15182-1 and EN15182-2 type 3 Certificates are available by request.

**Service and Maintenance** - The VIPER® BLUE DEVIL® nozzle requires minimal maintenance during operation provided the unit is regularly flushed with clean water after being used with foam or contaminated water. Service kits are also available.

### 1" VIPER® BLUE DEVIL®\*

Nozzle Part Number	Nozzle Model	Swivel Inlet (in)	Nozzle Flow		Effective Reach		Length		Weight (each)	
			(gpm)	(lpm)	(ft)	(m)	(in)	(cm)	(lbs)	(kg)
I217637	BD550	1	5	25	52	16	8.27	21	3.75	1.70
			15	50	66	20				
			30	125	75	23				
			50	175	89	27				
I217867	BD1330	1	13	50	66	20	8.27	21	3.75	1.70
			23	90	72	22				
			30	115	79	23				
I217832	BD1560	1	15	50	66	20	8.27	21	3.75	1.70
			30	100	79	23				
			45	160	82	25				
			60	210	92	27				

\*Perfect performance even at 40 bar (580 psi)



Premium Quality Selectable  
Gallonage Nozzle

1 1/2" VIPER® BLUE DEVIL®

Nozzle Part Number	Nozzle Model Number	Swivel Inlet (in)	Nozzle Flow		Effective Reach		Length		Weight	
			(gpm)	(lpm)	(ft)	(m)	(in)	(cm)	(lbs)	(kg)
I218913	BD3012	1 1/2	30	115	79	23	9.53	24.2	4.52	2.05
			60	230	92	27				
			95	360	115	33				
			125	465	128	37				
I218884	BD3015	1 1/2	30	115	79	23	9.53	24.2	4.52	2.05
			60	230	92	27				
			95	360	115	33				
			125	470	128	37				
			150	560	131	38				
I219944	BD9520	1 1/2	95	360	115	33	11.00	28	6.61	3.00
			125	470	128	37				
			150	560	131	38				
			200	750	138	39				

2 1/2" VIPER® BLUE DEVIL®

Nozzle Part Number	Nozzle Model	Swivel Inlet (in)	Nozzle Flow		Effective Reach		Length		Weight (each)	
			(gpm)	(lpm)	(ft)	(m)	(in)	(cm)	(lbs)	(kg)
I218201	BD9520	2 1/2	95	360	115	33	12.99	33	7.28	3.30
			125	470	128	37				
			150	560	131	38				
			200	750	138	39				
I219946	BD12250	2 1/2	125	470	128	37	13.36	34	7.28	3.30
			150	560	131	38				
			200	750	138	39				
			250	950	144	41				