



# National Fire Equipment Ltd.

## Viper "Blue Devil" Selectable Gallonage Nozzle

Versatile Selectable Flow Nozzles

High Quality Valve With Dual Seat & Dual Driven Shaft

Patented Rylstatic System for a Superior Fog Pattern

Designed & Built to Meet NFPA 1964 & UNE EN 15182-2 Type 3 Requirements



### 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. The VIPER BLUE DEVIL series comes standard with the innovative patented fog pattern called RYLSTATIC®. RYLSTATIC® is a system that gives you a uniform water fog with smaller water droplets and less friction loss than other traditional systems. VIPER BLUE DEVIL 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 BLUE DEVIL nozzles.

### Shut Off Valve:

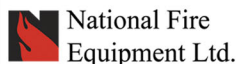
The valve has a dual seat and dual driven shaft to offer better performance against water hammers and to enhance its durability. The valve itself is a low maintenance product with a stainless steel ball valve (except for the 2 1/2" size which utilizes a highly engineered polymer resin ball) operated through an OPEN/CLOSE handle. The operation is smooth and constant allowing firefighters to open and close the valve easily.

### Stainless Steel Inlet Screen:

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### Ring Markings:

Markings on the flow selector ring and the pattern ring are laser engraved onto anodized aluminum that are easy to read and will not fade.



TORONTO: (905) 761-6355  
Toll Free: (800) 267-8508  
OTTAWA: (613) 723-6071

VANCOUVER: (604) 420-1131  
Toll Free: (800)-667-2138  
BURNABY: (604)-299-4498  
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EDMONTON: (780) 455-3870  
Toll Free: (888)-891-1008  
CALGARY: (403) 236-5661

MONCTON: (506) 859-7277  
Toll Free: (877) 816-3473  
MISSISSAUGA: (905) 565-1385





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### Lot Number:

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

### 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 VIPER BLUE DEVIL nozzles are available upon request with the following couplings: STORZ, BARCELONA UNE 23400, DSP/GUILLEMIN, UNI, NOR, GOST and MACHINO.

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

### Foam:

The VIPER BLUE DEVIL® 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.

### Approvals and Standards :

The VIPER BLUE DEVIL® nozzle complies with NFPA 1964 and is manufactured in an ISO9001 accredited facility. EN15182-1 & EN15182-2 type 3 Certificate 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.



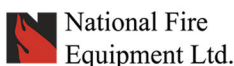
National Fire Equipment Ltd. reserves the right to modify any specification without prior notice to meet or exceed changing standards. Special construction characteristics can be produced upon special request.



*The innovative RYLSTATIC® System is a patented technology*



**BlueDevil®**



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## Viper "Blue Devil" Selectable Gallonage Nozzle

1" Viper™ Blue Devil *	Nozzle Model	Length		Weight		Swivel Inlet (+ Coupling) inch	Nozzle flow		Effective Reach		Attach. Foam Tube
		cm	inch	kg	lbs		lpm	gpm	m (at 6 bar)	ft (at 100 psi)	
	BD 550	21	8.27	1.70	3.75	1" standard or 1 1/2 optional	25	5	16	52	CEP BD 1560
							50	15	20	66	
							125	30	23	75	
							175	50	27	89	
	BD 1330	21	8.27	1.70	3.75	1" standard or 1 1/2 optional	50	13	20	66	
							90	23	22	72	
							115	30	23	79	
	BD 1035	21	8.27	1.70	3.75	1" standard or 1 1/2 optional	40	10	19	62	
							80	21	21	69	
							130	35	24	79	
	BD 1560	21	8.27	1.70	3.75	1" standard or 1 1/2 optional	50	15	20	66	
							100	30	23	79	
160							45	25	82		
210							60	27	92		

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

1 1/2" Viper™ Blue Devil	Nozzle Model	Length		Weight		Swivel Inlet (+ Coupling) inch	Nozzle flow		Effective Reach		Attach. Foam Tube
		cm	inch	kg	lbs		lpm	gpm	m (at 6 bar)	ft (at 100 psi)	
	BD 3012	24.2	9.53	2.05	4.52	1 1/2" female standard or 2" male BSP optional	115	30	23	79	CEP BD 3012
							230	60	27	92	
							360	95	33	115	
							465	125	37	128	
	BD 3015	24.2	9.53	2.05	4.52	1 1/2" female standard or 2" male BSP optional	115	30	23	79	
							230	60	27	92	
							360	95	33	115	
							470	125	37	128	
	BD 7515	24.2	9.53	2.05	4.52	1 1/2" female standard or 2" male BSP optional	560	150	38	131	
							280	75	29	99	
							360	95	33	115	
	BD 9520 1 1/2"	28	11.00	3.00	6.61	1 1/2" female standard or 2" male BSP optional	470	125	37	128	
560							150	38	131		
360							95	33	115		
750							200	39	138		

2 1/2" Viper™ Blue Devil	Nozzle Model	Length		Weight		Swivel Inlet (+ Coupling) inch	Nozzle flow		Effective Reach		Attach. Foam Tube
		cm	inch	kg	lbs		lpm	gpm	m (at 6 bar)	ft (at 100 psi)	
	BD 9520 2 1/2"	33	12.99	3.30	7.28	2 1/2" female or 2" male BSP optional	360	95	33	115	CEP BD 9520
							470	125	37	128	
							560	150	38	131	
							750	200	39	138	
	BD 12250 2 1/2"	34	13.36	3.30	7.28	2 1/2" female or 2" male BSP optional	470	125	37	128	
							560	150	38	131	
							750	200	39	138	
							950	250	41	144	

The Effective Reach measured in feet is at 100 PSI, while the effective reach measured in meters is at 6 Bar (85psi).  
The RYLSTATIC® System is a low maintenance system.