

Premium Quality Selectable Gallonage Nozzle



Viper® Blue Devil®

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® Patented System – 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 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® 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.

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.

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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.

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)

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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 | | | | |
| I218885 | BD7515 | 1 1/2 | 75 | 280 | 99 | 29 | 9.53 | 24.2 | 4.52 | 2.05 |
| | | | 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 | | | | |

1 1/2" VIPER® BLUE DEVIL® TIP Only

| Nozzle Part Number | Nozzle Model Number | Swivel Inlet (in) | Nozzle Flow | | Effective Reach | | Length | | Weight | |
|--------------------|---------------------|-------------------|-------------|-------|-----------------|-----|--------|------|--------|------|
| | | | (gpm) | (lpm) | (ft) | (m) | (in) | (cm) | (lbs) | (kg) |
| I230031 | BD3012 | 1 1/2 | 30 | 115 | 79 | 23 | 6.10 | 15 | 2.60 | 1.20 |
| | | | 60 | 230 | 92 | 27 | | | | |
| | | | 95 | 360 | 115 | 33 | | | | |
| | | | 125 | 465 | 128 | 37 | | | | |
| I230030 | BD3015 | 1 1/2 | 30 | 115 | 79 | 23 | 6.10 | 15 | 2.60 | 1.20 |
| | | | 60 | 230 | 92 | 27 | | | | |
| | | | 95 | 360 | 115 | 33 | | | | |
| | | | 125 | 470 | 128 | 37 | | | | |
| | | | 150 | 560 | 131 | 38 | | | | |
| I230029 | BD7515 | 1 1/2 | 75 | 280 | 99 | 29 | 6.10 | 15 | 2.60 | 1.20 |
| | | | 95 | 360 | 115 | 33 | | | | |
| | | | 125 | 470 | 128 | 37 | | | | |
| | | | 150 | 560 | 131 | 38 | | | | |
| I230028 | BD9520 | 1 1/2 | 95 | 360 | 115 | 33 | 7.60 | 19.3 | 4.20 | 1.90 |
| | | | 125 | 470 | 128 | 37 | | | | |
| | | | 150 | 560 | 131 | 38 | | | | |
| | | | 200 | 750 | 138 | 39 | | | | |

The innovative RYLSTATIC® System is patented technology.

