Viper® BORE NOZZLE

The Nozzles That Get You to the Seat of the Fire



Viper® BORE NOZZLE

Viper fire suppression from Kuriyama Fire Products.

General Applications:

The VIPER® Bore Nozzle is the combination of a VIPER® Bore Tip and a VIPER® Shut-Off for effective fire suppression.

Construction:

- Lightweight hard coat anodized aluminum

Features and Advantages:

- Combine with the Viper Ball Valve with Dual Seat and Dual Driven Shaft for superior firefighting solutions.
- Concentrated water flow while using lower pressures.
- Several sizes and orifices available.
- Select the nozzle tip size to meet your individual needs.

Approvals and Standards – The VIPER® Bore 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® Bore Nozzles require minimal maintenance during operation provided the unit is regularly flushed with clean water after being used with contaminated water. Service kits are also available.

Viper® BORE TIP

Provide Flow Discharge at Different Pressures



Construction:

- All VIPER® Bore Tip models use standard NH inlet threads.

Features and Advantages:

- **VIPER® Bore Tip Flow Markings** - Flow markings on the VIPER® Bore Tip are laser engraved onto hard coat anodized aluminum that are easy to read and will not fade.

Approvals and Standards – The VIPER® Bore Tip 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.

Viper® SHUT OFF

General Applications:

The VIPER® Shut-Off can be used with any VIPER® Bore Tip for effective fire suppression

Construction:

- The VIPER® Shut-Off has a dual seat and dual driven shaft to offer better performance against water hammer and to enhance its durability.
- The VIPER® Shut-Off is a low maintenance product with a highly engineered polymer resin or stainless steel ball valve operated through an OPEN/CLOSE handle.

Features and Advantages:

- **The VIPER® Shut-Off** - The operation is smooth and constant allowing firefighters to open and close the valve easily.
- **VIPER® Shut-Off Stainless Steel Inlet Screen** - A stainless steel screen is mounted within the inlet to prevent materials from entering the nozzle to reduce the risk of damage or failure during operation.
- **VIPER® Shut-Off Inlet Options** - The VIPER® Shut-Off are available with the following standard threads: NST/NH Female, NPSH/IPT Female, and BSP Female.
- **Swivel inlets** – Full-time swivel inlets are provided.
- **VIPER® Shut-Off Lot Number** - Each VIPER® Shut-Off is marked with a lot number for ease of tracking.

Approvals and Standards – The VIPER® Shut Off 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.







Viper® SHUT OFF

VIPER® Shut Off (with Pistol Grip) Single Seat

Nozzle Part Number	Shutoff Model Number	Inlet Female – Outlet Male		Thread	Bore Size (Orifice)		Waterway Size (in)	Weight (each)	
		(in)	(mm)		(in)	(cm)		(lbs)	(kg)
I210561	VB1560	1 - 1	25 - 25	NH	1	25.4	1	2.16	0.98
I210562	VB1560	1 - 1	25 - 25	NPSH	1	25.4	1	2.16	2.16
I210564	VB3012	1 1/2 - 1 1/2	38 - 38	NH	1	25.4	1	2.30	1.04
I210565	VB3012	1 1/2 - 1 1/2	38 - 38	NPSH	1	25.4	1	2.30	1.04
I211275	VB3012	1 1/2 - 1 1/2	38 - 38	NPSH X NH	1	25.4	1 3/8	3.38	1.53
I210569	VB9520	1 1/2 - 1 1/2	38 - 38	NH	3/8	25.4	1 3/8	3.70	1.68
I217924	VB9520	1 1/2 - 1 1/2	38 - 38	NPSH X NPSH	1	25.4	1 3/8	3.70	1.68
I210570	VB9520	2 1/2 - 1 1/2	63.5 - 38	NH	1	25.4	1 3/8	4.10	1.86
I219919	VB9520	1 1/2 - 1 1/2	38 - 38	NH	7/8	22.2	1 3/8	4.20	1.91
I219918	VB9520	1 1/2 - 1 1/2	38 - 38	NH	15/16	23.8	1 3/8	4.20	1.91
I219917	VB9520	1 1/2 - 1 1/2	38 - 38	NH	1	25.4	1 3/8	4.20	1.91

VIPER® Shut Off (without Pistol Grip) Single Seat

Nozzle Part Number	Shutoff Model Number	Inlet Female – Outlet Male		Thread	Bore Size (Orifice)		Waterway Size (in)	Weight (each)	
		(in)	(mm)		(in)	(mm)		(lbs)	(kg)
I211216	VB1560	1 - 1	25 - 25	NH	1	25.4	1	1.70	0.77
I211355	VB1560	1 - 1	25 - 25	NH	1	25.4	1	1.70	0.77
I210566	VB3012	1 1/2 - 1 1/2	38 - 38	NH	1	25.4	1	1.80	0.82
I210595	VB3012	1 1/2 - 1 1/2	38 - 38	NH	1	25.4	1	1.80	0.82

VIPER® Shut Off Playpipe Single Seat

Nozzle Part Number	Shutoff Model Number	Inlet Female – Outlet Male		Thread	Bore Size (Orifice)		Waterway Size (in)	Weight (each)	
		(in)	(mm)		(in)	(mm)		(lbs)	(kg)
I211325	PLAYPIPE	2 1/2 - 1 1/2	63.5 - 38	NH	1 9/16	38.1	1 1/2	6.30	2.86