

Featuring the Innovative Rylstatic® System
The Latest Patented Technology from Tipsa

RYLSTATIC SYSTEM

Innovative Fog Technology

Viper™ ® Attack

Premium Quality Light Weight Selectable Gallonage Nozzle

Always on the front line of fire

tipsa Kuriyama Group

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Versatile Low Weight Selectable Flow Nozzles	Superior Quality Valve With Dual Seat & Dual Driven Shaft
Patented Rylstatic System for an Exceptional Fog Pattern - Maintenance Free	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. All the models include a pressure eliminator for ease of flow settings at different pressures.

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 ATTACK 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 ATTACK nozzles have been designed to offer a broader fog shield of protection to the firefighters.

Shut Off Valve:

The valve has a dual seat and dual driven shaft to offer better performance against water hammer and to enhance its durability. The valve itself is low maintenance with a stainless steel ball valve 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:

A stainless steel screen is mounted within the inlet to prevent materials from entering the nozzle, which reduces the risk of damage or failure during operation.

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.





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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 ATTACK® selectable flow nozzles are available with the following standard threads:

· NST/NH Female

· NPSH/IPT Female

· BSP Female

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

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

Foam:

The VIPER ATTACK® nozzle can be used as an aspirating 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 ATTACK® nozzles comply with NFPA 1964, EN15182-1 & EN15182-2 Type 3, and have been manufactured in an ISO9001 accredited facility. Self-certificate available by request.

Service and Maintenance:

The VIPER ATTACK® 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.



tipsa 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. Contact your local dealer or TIPSA at: tipsaex@tipsa.com

RYLSTATIC SYSTEM Innovative Fog Technology

The innovative RYLSTATIC® System is a patented technology

1" Viper® Attack *	Nozzle Model	Length		Weight		Swivel Inlet	Nozzle flow		Effective Reach		Attach. Foam Tube
		cm	Inch	kg	lbs	inch	lpm (at 6 bar)	gpm (at 100 psi)	m (at 6 bar)	ft (at 100 psi)	
	VA 540	20	7.87	1.35	2.97	1" Female	25	5	16	54	CEP VA 1"
							50	13	20	68	
							75	20	22	75	
							150	40	25	85	
	VA 550	20	7.87	1.35	2.97	1" Female	25	5	16	54	
							50	15	20	68	
							125	20	24	82	
							175	40	26	88	
	VA 1560	20	7,87	1.35	2.97	1" Female	50	15	20	68	
							100	30	23	78	
							160	45	25	85	
							200	60	27	92	
	VA 1562	20	7.87	1.35	2.97	1" Female	50	15	20	68	
							100	30	23	78	
							160	45	25	85	
							235	62	28	95	
	VA 1566	20	7,87	1.35	2.97	1" Female	50	15	20	68	
							100	30	23	78	
							160	45	25	85	
							250	66	28	95	

*High pressure option available as well for a perfect performance even at 580 psi (40 bar), according to EN 15182-4 Type 3

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Viper™ ® Attack

Premium Quality Light Weight Selectable Gallonage Nozzle

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1 1/2" Viper® Attack	Nozzle Model	Length		Weight		Swivel Inlet	Nozzle flow		Effective Reach		Attach. Foam Tube
		cm	Inch	kg	lbs	inch	lpm (at 6 bar)	gpm (at 100 psi)	m (at 6 bar)	ft (at 100 psi)	
	VA 1562	23.3	9.17	1.50	3.31	1 ½" Female	50	15	20	68	CEP VA 1"
							100	30	23	78	
							160	45	25	85	
							235	62	28	95	
	VA 3510	23.5	9.25	1.78	3.92	1 ½" Female	130	35	24	82	CEP VA 1 1/2"
							230	60	27	92	
							300	80	30	102	
							400	105	35	119	
	VA 3012	23.5	9.25	1.78	3.92	1 ½" Female	115	30	23	78	
							230	60	27	92	
							360	95	33	112	
							465	125	37	126	

2" Viper® Attack	Nozzle Model	Length		Weight		Swivel Inlet	Nozzle flow		Effective Reach		Attach. Foam Tube
		cm	Inch	kg	lbs	inch	lpm (at 6 bar)	gpm (at 100 psi)	m (at 6 bar)	ft (at 100 psi)	
	VA 3510	25.9	10.20	1.86	4.09	2" Male	130	35	24	82	CEP VA 1 1/2"
							230	60	27	92	
							300	80	30	102	
							400	105	35	119	
	VA 3012	25.9	10.20	1.86	4.09	2" Male	115	30	23	78	
							230	60	27	92	
							360	95	33	112	
							465	125	37	126	
	VA 12250	31.5	12.40	3.52	7.76	2" Male	470	125	37	126	CEP VA 2 1/2"
							560	150	38	129	
							750	200	39	133	
							950	250	41	139	

2" Viper® Attack	Nozzle Model	Length		Weight		Swivel Inlet	Nozzle flow		Effective Reach		Attach. Foam Tube
		cm	Inch	kg	lbs	inch	lpm (at 6 bar)	gpm (at 100 psi)	m (at 6 bar)	ft (at 100 psi)	
	VA 12250	33.3	13.11	3.72	8.20	2 ½" Female	470	125	37	126	CEP VA 2 1/2"
							560	150	38	129	
							750	200	39	133	
							950	250	41	139	

The Effective Reach measured in feet is at 100 PSI, while the effective reach measured in meters is at 6 Bar (85 PSI).

The RYLSTATIC® System is a low maintenance system.

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