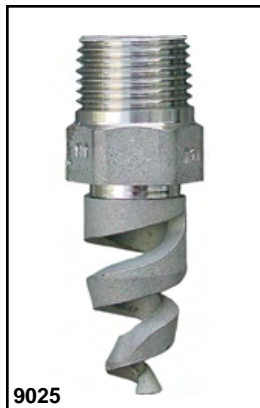
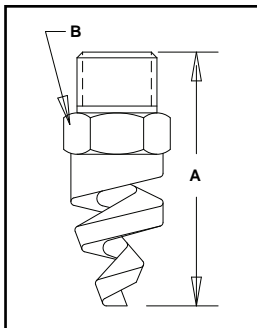


9000 Series Water Spray Nozzles (Open Head-Fixed System)

GUARDIAN
FIRE EQUIPMENT, INC.



9025



	1/2"	1"	1 1/2"
A	2.5"	3.6"	4.4"
B	.88"	1.38"	2.00"

Function

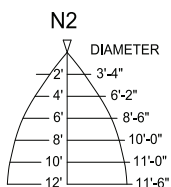
- Used to protect flammable liquid storage tanks, processing equipment and hazardous loading areas

Construction & Features

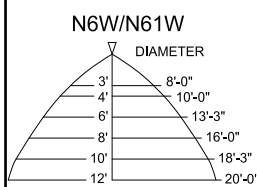
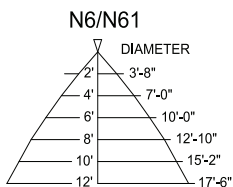
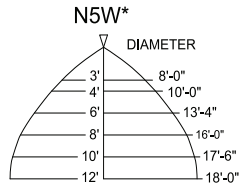
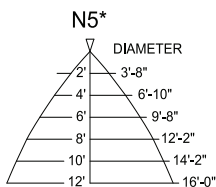
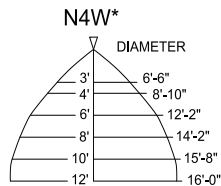
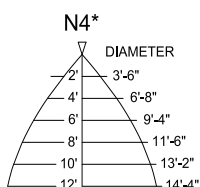
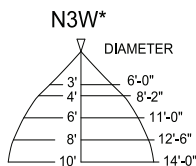
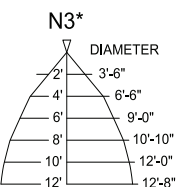
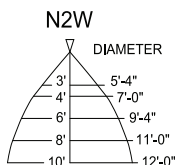
- One piece, clog-resistant design, brass or 316 stainless steel constructions
- Full-cone** effect spray pattern (combined outer wider and inner narrower cone)
- Sprays composed of small droplets cover large surface areas, which enhance evaporation and cooling
- Male NPT base connections in sizes: 1/2", 1" and 1 1/2"
- Choice of 90° or 120° wide spray angles
- Lloyd's Register Certified

Contact Guardian for Current Approvals

90° Spray Angle



120° Spray Angle



Male NPT (in.)	Suffix		K Factor	Flow Rate Gallons Per Minute @ PSI										Orif. Dia. (in.)	Free Pass. Dia. (in.)								
				10		20		30		40		60				80		100		200		400	
	90°	120°		PSI	PSI	PSI	PSI	PSI	PSI	PSI	PSI	PSI	PSI			PSI	PSI	PSI	PSI	PSI	PSI	PSI	PSI
1/2	N1	N1W	.949	3.00	4.24	5.20	6.00	7.35	8.49	9.49	13.4	19.0	26.1	33.5	43.0	53.9	66.4	81.0	99.0	123.0	153.0	.19	.13
	N2	N2W	1.68	5.30	7.50	9.18	10.6	13.0	15.0	16.8	23.7	33.5	43.0	53.9	66.4	81.0	99.0	123.0	153.0	193.0	243.0	.26	.13
	N3	N3W	2.61	8.25	11.7	14.3	16.5	20.2	23.3	26.1	36.9	52.2	66.4	81.0	99.0	123.0	153.0	193.0	243.0	303.0	383.0	.34	.13
	N4	N4W	3.81	12.1	17.0	20.9	24.1	29.5	34.1	38.1	53.9	76.2	99.0	123.0	153.0	193.0	243.0	303.0	383.0	483.0	603.0	.43	.19
	N5	N5W	5.22	16.5	23.3	28.6	33.0	40.4	46.7	52.2	73.8	104	133	163	203	253	313	383	483	603	753	.53	.19
	N6	N6W	6.64	21.0	29.7	36.4	42.0	51.4	59.4	66.4	93.9	133	173	213	263	323	393	483	603	753	933	.56	.19
1	N61	N61W	6.64	21.0	29.7	36.4	42.0	51.4	59.4	66.4	93.9	133	173	213	263	323	393	483	603	753	933	.60	.19
	N7	N7W	10.6	33.5	47.4	58.0	67.0	82.1	94.8	106	150	212	272	332	402	492	602	752	932	1152	1432	.77	.25
1 1/2	N8	N8W	15.0	47.5	67.2	82.3	95.0	116	134	150	212	300	390	490	600	750	930	1150	1430	1770	2170	.93	.25
	N9	N9W	20.4	64.5	91.2	112	129	158	182	204	288	408	528	668	828	1028	1278	1578	1978	2478	3078	1.09	.31
	N10	N10W	26.7	84.5	120	146	169	207	239	267	378	534	690	856	1056	1312	1612	1962	2412	2962	3612	1.29	.31

Flow Rate (GPM) = K_v/PSI

To Specify:

- Select construction material
Model 9010 brass or **Model 9025** 316 stainless steel
- Identify suitable nozzle from chart, then add corresponding suffix to **model no.**

Optional Blow-Off Covers

- Model 9012** brass cover
- Model 9014** brass cover with lanyard
- Model 9027** 316 stainless steel cover
- Model 9029** 316 stainless steel cover with lanyard

* US Coast Guard Approved