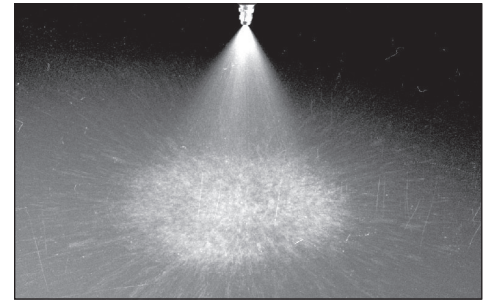
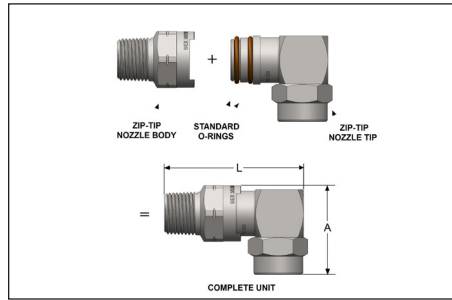
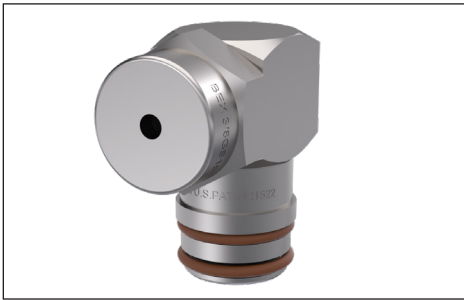




ZHGS SERIES SPRAY NOZZLES

FULL CONE • ZIP-TIP CONNECTION • TWO-PIECE



SPRAY CHARACTERISTICS:

Full cone spray pattern, with uniform distribution throughout the cone.

TYPICAL APPLICATIONS:

- Chemical Processing
- Cooling Sprays
- Continuous Casting
- Foam Breaking

CONSTRUCTION:

Two piece body + removable insert. Sprays at right angle to pipe. The nozzle contains a patented insert with larger flow passages, and is less susceptible to clogging.



NOZZLE PIPE SIZE	Length L (in)	Dim. A (in)
1/8ZHGS	2.11	1.48
1/4ZHGS	2.21	1.60
3/8ZHGS	2.24	1.65
1/2ZHGS	2.31	1.80
1/2ZLHGS	2.96	1.71
3/4ZLHGS	3.04	1.86

Model #	Capacity												Spray Angle		
	3 psi	5 psi	7 psi	10 psi	15 psi	20 psi	30 psi	40 psi	60 psi	80 psi	100 psi	150 psi	7 psi	20 psi	80 psi
ZHGS1	0.055	0.071	0.084	0.100	0.122	0.141	0.173	0.200	0.245	0.283	0.32	0.39	--	55°	52°
ZHGS1.5	0.082	0.106	0.126	0.150	0.184	0.212	0.260	0.300	0.37	0.42	0.47	0.58	--	65°	57°
ZHGS2	0.110	0.141	0.167	0.200	0.245	0.283	0.35	0.40	0.49	0.57	0.63	0.77	54°	59°	60°
ZHGS3	0.164	0.212	0.251	0.300	0.37	0.42	0.52	0.60	0.73	0.85	0.95	1.16	50°	53°	60°
ZHGS3.5	0.192	0.248	0.293	0.35	0.43	0.50	0.61	0.70	0.86	0.99	1.11	1.36	48°	58°	61°
ZHGS5	0.274	0.35	0.42	0.50	0.61	0.71	0.87	1.00	1.22	1.41	1.58	1.94	60°	75°	70°
ZHGS6	0.33	0.42	0.50	0.60	0.73	0.85	1.04	1.20	1.47	1.70	1.90	2.32	67°	72°	70°
ZHGS6.5	0.36	0.46	0.54	0.65	0.80	0.92	1.13	1.30	1.59	1.84	2.06	2.52	48°	56°	70°
ZHGS7.5	0.41	0.53	0.63	0.75	0.92	1.06	1.30	1.50	1.84	2.12	2.37	2.90	55°	65°	48°
ZHGS8.5	0.47	0.60	0.71	0.85	1.04	1.20	1.47	1.70	2.08	2.40	2.69	3.3	58°	65°	63°
ZHGS10	0.55	0.71	0.84	1.00	1.22	1.41	1.73	2.00	2.45	2.83	3.2	3.9	60°	65°	62°
ZHGS14	0.77	0.99	1.17	1.40	1.71	1.98	2.42	2.80	3.4	4.0	4.4	5.4	78°	85°	75°
ZHGS15	0.82	1.06	1.26	1.50	1.84	2.12	2.60	3.00	3.7	4.2	4.7	5.8	63°	65°	60°
ZHGS18	0.99	1.27	1.51	1.80	2.20	2.55	3.12	3.6	4.4	5.1	5.7	7.0	85°	88°	76°
ZHGS20	1.10	1.41	1.67	2.00	2.45	2.83	3.5	4.0	4.9	5.7	6.3	7.7	76°	82°	75°



ZHGS SPRAY NOZZLE SPECIFICATIONS
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