

HG series wall mounted spray nozzles

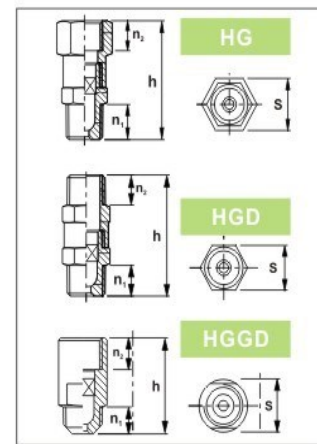


DESIGN FEATURES

Wall mounted HG series nozzles feature a solid cone-shaped spray pattern with a uniform round impact area. Their wall mounting connection is a male type connection the same size as the inlet connection. The wall mounting feature is useful for installations where the piping for the nozzles must be installed on the exterior of the room, vessel, or pipeline into which the nozzle will spray. HG and HGD series wall mounted nozzles feature removable vanes and caps.

HGGD series wall mounted nozzles feature removable vanes for sizes 1 1/4" through 3".

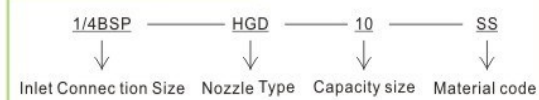
Series	Thread size (inch)											Dimension (mm)				Weight (g)	
	1/8	1/4	3/8	1/2	3/4	1	1-1/4	1-1/2	2	2-1/2	3	h1	h2	h	s	SS	BRASS
HG	●											9	9	35.5	14.3	30	32
		●										12	12	41	17.5	40	43
			●									14	14	46	20.6	70	74
				●								17	17	56	25.4	130	135
HGD	●											9	9	37	14.3	30	32
		●										12	12	43.5	17.5	40	43
			●									14	14	47	20.6	70	74
				●								17	17	55	25.4	130	135
HGGD				●								20	20	54	32	170	177
					●							22	22	68	38	400	415
						●						22	22	86	48	680	700
							●					22	22	103	57	1100	1140
								●				25	25	129	70	2000	2080
									●			25	25	159	83	3200	3320
										●		25	25	186	102	5800	6000
											●	25	25	186	102	5800	6000



PERFORMANCE DATA

Nozzle Inlet Conn. NPT or BSPT (M)	Nozzle series			Capacity size	Rated orifice Diam. (mm)	Max. Free. Passage Diam. mm	Capacity (liters per minute)										Spray angle	
	HG	HGD	HGGD				0.7Bar	1.5Bar	2.0Bar	3.0Bar	4.0Bar	5.0Bar	6.0Bar	7.0Bar	10.0Bar	1.5Bar	6.0Bar	
1/8	●	●		1	0.79	0.64	0.38	0.54	0.62	0.74	0.85	0.94	1.0	1.1	1.3	58°	53°	
	●	●		2	1.2	1.0	0.76	1.1	1.2	1.5	1.7	1.9	2.0	2.2	2.6	50°	46°	
	●	●		3	1.5	1.0	1.1	1.6	1.9	2.2	2.5	2.8	3.1	3.3	3.9	65°	59°	
	●	●		3.5	1.6	1.3	1.3	1.9	2.2	2.6	3.0	3.3	3.6	3.9	4.5	50°	46°	
	●	●		5	2	1.3	1.9	2.7	3.1	3.7	4.2	4.7	5.1	5.5	6.5	65°	59°	
1/4	●	●		6.5	2.38	1.6	2.5	3.5	4.0	4.8	5.5	6.1	6.7	7.1	8.4	50°	46°	
	●	●		10	3.18	1.6	3.8	5.4	6.2	7.4	8.5	9.4	10.2	11	13	67°	61°	
3/8	●	●		9.5	2.6	2.4	3.6	5.1	5.9	7.1	7.1	8.9	9.7	10.4	12.3	50°	46°	
	●	●		15	3.6	4.4	5.7	8.1	9.3	11.2	12.7	14.1	15.4	16.5	19.4	67°	61°	
1/2	●	●		16	3.5	3.2	6.1	8.7	9.9	11.9	13.6	15.1	16.4	17.6	21	50°	46°	
	●	●		25	4.6	3.2	9.5	13.5	15.4	18.6	21	24	26	27	32	67°	61°	
3/4			●	4	6.4	4.4	18	26	29	35	40	44	48	52	61	70°	63°	
			●	7	9.5	5.2	31	51	45	61	70	78	84	91	107	92°	84°	
1			●	7	8.3	5.6	31	45	51	61	70	78	84	91	107	68°	62°	
			●	8	9.5	5.6	36	51	58	70	80	89	97	104	122	81°	82°	
1-1/4			●	12	10.7	6.4	54	77	87	105	120	133	145	155	183	70°	60°	
			●	14	12.3	6.4	63	89	102	123	140	155	169	181	215	80°	70°	
1 1/2			●	20	14.3	8.7	90	128	146	175	200	220	240	260	305	76°	66°	
			●	30	18.3	8.7	135	191	220	265	300	330	360	390	460	94°	82°	
2			●	35	19.2	11.1	157	225	255	310	350	390	425	455	540	77°	68°	
			●	40	21	11.1	180	255	295	350	400	445	485	520	610	80°	70°	
			●	50	23.8	14.3	225	320	365	440	500	560	610	650	770	85°	75°	
			●	25	15.1	14.3	112	159	182	220	250	280	305	325	385	50°	44°	
2-1/2			●	50	22.2	14.3	225	320	365	440	500	560	610	650	770	74°	64°	
			●	60	24.6	14.3	270	385	440	530	600	670	730	780	920	78°	68°	
			●	70	28.6	14.3	315	450	510	620	700	780	850	910	1070	82°	72°	
			●	80	28.6	17.5	360	510	590	700	800	890	970	1040	1220	88°	77°	
3			●	80	27.8	17.5	360	510	590	700	800	890	970	1040	1220	84°	73°	
			●	90	30.2	17.5	405	580	660	790	900	1000	1090	1170	1380	89°	77°	
			●	100	32.5	17.5	450	640	730	880	1000	1110	1210	1300	1530	95°	83°	
			●	120	34.9	20.6	540	770	880	1060	1200	1340	1450	1560	1840	105°	89°	

ORDERING INFORMATION



Mark
Brass
303SS
316SS