

HVV series full cone spray nozzles

DESIGN FEATURES

HVV series nozzle with uniform distribution throughout pattern area. HVV-SS nozzles with SS core.

HVV-PY nozzles for wear-resistance orifice and lotus -chapped whirler are made in ceramics.

COMMON APPLICATIONS

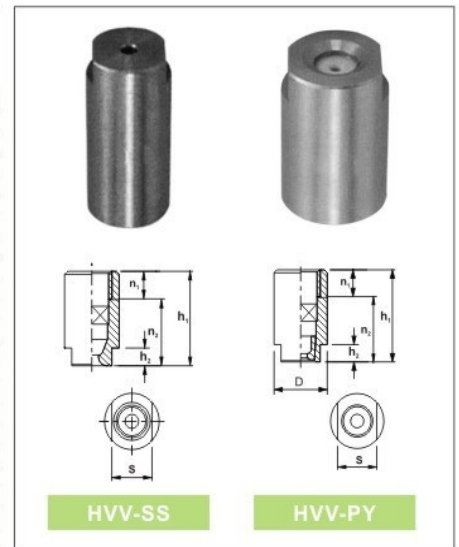
- Washing: Gases, incinerator fumes, machineseries, eliminators, screens, tanks, metals, gravels, stones, sand, etc.
- Cooling: Gases, machineries, tanks, metals, etc.
- Spraying: Waste water treatment, aeration, foam breaking, fire protection, fire extinguishing, dust suppression, etc.

Series	Connect thread	Dimensions(mm)						Weight(g)	
		n1	n2	D	h1	h2	S	SS	Brass
2003HVV-SS	3/4	15	54	32	69	27	10	270	290
	1	17	72	40	89	34	14	515	550
	1-1/2	19	105	58	124	50	20	1520	1600
	2(250-350)	23	137	70	160	60	24	2600	2750
	2(400-500)	23	95.5	70	118.5	60	24	2050	2150
	2-1/2	27	120.5	90	147.5	80	27	4360	4500
	3(920)	30	133.5	105	163.5	90	30	6700	6900
2003HVV+PY	3(1200)	30	143.5	105	170.5	90	30	6500	6690
	3/8	11	20	20	30	6	17	41	44
	1/2	14	25	25	39	8	22	115	125
	3/4	15	34	32	49	10	27	167	177
	1	17	42	40	59	14	34	300	320
	1-1/2	19	61	58	80	20	50	820	880

PERFORMANCE DATA

HVV-SS

Pipe conn.(M) BSPT/NP T(in)	Capacity size	Capacity under 0.7-10Bar pressure(L/Min)									Mean Drop. Dia.(Um)	Free Pass. Dia.(mm)	
		0.3 Bar	0.5 Bar	1.0 Bar	1.5 Bar	2.0 Bar	3.0 Bar	5.0 Bar	7.0 Bar	10.0 Bar			
3/4	7523	9.63	12.2	16.7	20.2	23	27.1	33.4	38.4	44.4	630	4.7	
	8026	10.9	13.8	18.9	22.8	26	30.7	37.8	43.4	50.1		4.7	
	8530	12.6	15.9	21.8	26.3	30	35.4	43.6	50	57.9		4.7	
	9035	14.7	18.5	25.5	30.7	35	41.3	50.9	58.4	67.5		4.7	
	9540	16.8	21.2	29.1	35.1	40	47.2	58.1	66.7	77.2		4.7	
	9545	18.8	23.8	32.7	39.5	45	53.1	65.4	75	86.8		4.7	
1	7550	20.9	26.5	36.4	43.8	50	59	72.7	83.4	96.4	950	6.0	
	8560	25.1	31.8	43.7	52.6	60	70.8	87.2	100	115		6.0	
	9580	33.5	42.4	58.2	70.1	80	94.4	115	135	155		6.6	
	9590	37.7	47.7	65.5	78.9	90	106	130	150	175		6.6	
1-1/2	85100	41.9	52.9	72.8	87.7	100	120	145	170	195	1000	8.7	
	90150	62.8	79.4	110	130	150	180	220	250	290		8.7	
	95200	83.8	105	145	175	200	240	290	335	385		10.7	
2	90250	105	130	180	220	250	295	360	420	480	1350	12.7	
	95300	125	160	220	265	300	355	435	500	580		12.7	
	90350	150	185	255	310	350	415	510	585	675		12.7	
	80400	170	210	290	350	400	470	580	670	770		13.4	
	95500	210	265	365	440	500	590	730	835	965		1500	13.4
	80600	250	320	440	525	600	710	870	1000	1160		1500	17
2-1/2	90700	290	370	510	615	700	826	1020	1170	1359	1800	17	
	100920	385	490	670	810	920	1090	1340	1535	1780		1660	20.5
3	1051200	505	635	875	1050	1200	1420	1740	2000	2320	1950	22	



HVV-PY

Pipe conn.(M) BSPT/NP T(in)	Capacity size	Capacity under 0.7-10Bar pressure(L/Min)							Mean Drop. Dia.(Um)	Free Pass. Dia.(mm)	Spray angle			
		0.3Bar	0.5Bar	1.0Bar	1.5Bar	2.0Bar	3.0Bar	5.0Bar			0.5bar	2bar	5bar	
3/8	6003		1.57	2.17	2.62	3.0	3.55	4.37	380	1.2	50°	60°	52°	
	6004		2.09	2.89	3.5	4.0	4.73	5.83			1.4	50°	60°	52°
	6505		2.61	3.61	4.37	5.0	5.91	7.29			1.5	55°	65°	55°
1/2	6006	2.46	3.13	4.33	5.24	6.0	7.09	8.75	470	2.0	50°	60°	52°	
	6307	2.87	3.65	5.05	6.12	7.0	8.27	10.2			2.0	55°	63°	55°
	6508	3.28	4.18	5.78	6.99	8.0	9.46	11.7			2.0	55°	65°	55°
	7010	4.1	5.22	7.22	8.74	10	11.8	14.6			2.2	60°	70°	58°
	7012	4.92	6.26	8.66	10.5	12	14.2	17.5			2.3	63°	70°	60°
	7014	5.74	7.31	10.1	12.2	14	16.5	20.4			2.8	63°	70°	60°
3/4	7016	6.56	8.35	11.6	14	16	18.9	23.3	580	2.8	63°	70°	60°	
	7718	7.38	9.4	13	15.7	18	21.3	26.2			3.0	70°	77°	65°
	8020	8.2	10.4	14.4	17.5	20	23.6	29.2			3.0	75°	80°	68°
	8023	9.43	12	16.6	20.1	23	27.2	33.5			3.2	75°	80°	68°
	8326	10.7	13.6	18.8	22.7	26	30.7	37.9			3.2	78°	83°	70°
	8330	12.3	15.7	21.7	26.2	30	35.5	43.7			3.4	78°	83°	72°
1	8335	14.4	18.3	25.3	30.6	35	41.4	51	730	4.0	80°	83°	70°	
	8340	16.4	20.9	28.9	35	40	47.3	58.3			4.0	80°	83°	70°
	8545	18.5	23.5	32.5	39.3	45	53.2	65.6			4.0	83°	85°	70°
	8550	20.5	26.1	36.1	43.7	50	59.1	72.9			4.0	83°	85°	72°
	8555	22.6	28.7	39.7	48.1	55	65	80.2			4.0	83°	85°	72°
	8060	24.6	31.3	43.3	52.4	60	70.9	87.5			5.0	75°	80°	70°
1-1/2	8370	28.7	36.5	50.5	61.2	70	82.7	102	800	5.0	78°	83°	70°	
	8380	32.8	41.89	57.8	69.9	80	94.6	117			5.0	80°	83°	72°
	8590	36.9	47	65	78.7	90	106	131			1000	5.0	82°	85°

ORDERING INFORMATION

