XINHOU®
Specialized In Spraying & Purification

Righ Angle WhirlJet Hollow Cone Spray Nozzles

A

AA

Performance Data

Standard Angle

Thread size	Flow Code	Model No.		Material code			Main inlet Dia(mm)	Rated spray hole Dia (mm)	Flow rate(L/min)										Spray angle		
		AA	A	BRASS	SS	316SS			0.2bar	0.5bar	1bar	1.5bar	2bar	3bar	4bar	5bar	6bar	7bar	0.5bar	1.5bar	6bar
1/8	0.5	●	●	●	●	●	0.79	1.2		0.16	0.23	0.28	0.32	0.39	0.46	0.51	0.56	0.60		58°	69°
	1	●	●	●	●	●	1.6	1.6		0.32	0.46	0.56	0.61	0.79	0.91	1.1	1.1	1.2		64°	76°
	2	●	●	●	●	●	2.0	2.0		0.64	0.91	1.1	1.3	1.6	1.8	2.0	2.2	2.4	52°	61°	69°
	3	●	●	●	●	●	2.4	2.4		0.97	1.4	1.7	1.9	2.4	2.7	3.1	3.3	3.6	52°	64°	77°
	5	●	●	●	●	●	3.2	3.2	1.0	1.6	2.3	2.8	3.2	3.9	4.6	5.1	5.6	6.0	56°	67°	76°
	8	●	●	●	●	●	4.0	4.0	1.6	2.6	3.6	4.5	5.2	6.3	7.3	8.2	8.9	9.6	56°	65°	70°
	10	●	●	●	●	●	4.4	4.4	2.0	3.2	4.6	5.6	6.4	7.9	9.1	10.2	11.2	12.1	55°	65°	72°
1/4	1	●	●	●	●	●	1.6	1.6			0.46	0.56	0.64	0.79	0.91	1.0	1.1	1.2		53°	67°
	2	●	●	●	●	●	2.0	2.0		0.64	0.91	1.1	1.3	1.6	1.8	2.0	2.2	2.4		62°	71°
	3	●	●	●	●	●	2.4	2.4		0.97	1.4	1.7	1.9	2.4	2.7	3.1	3.3	3.6	51°	65°	78°
	5	●	●	●	●	●	3.6	3.6	1.0	1.6	2.3	2.8	3.2	3.9	4.6	5.1	5.6	6.0	63°	73°	79°
	8	●	●	●	●	●	4.0	4.0	1.6	2.6	3.6	4.5	5.2	6.3	7.3	8.2	8.9	9.6	61°	69°	73°
	10	●	●	●	●	●	4.8	4.4	2.0	3.2	4.6	5.6	6.4	7.9	9.1	10.2	11.2	12.1	63°	70°	74°
	15	●	●	●	●	●	5.9	5.2	3.1	4.8	6.8	8.4	9.7	11.8	13.7	15.1	16.7	18.1	63°	71°	72°
3/8	5	●	●	●	●	●	3.6	3.2	1.0	1.6	2.3	2.8	3.2	3.9	4.6	5.1	5.6	6.0	64°	73°	79°
	8	●	●	●	●	●	4.4	4.0	1.6	2.6	3.6	4.5	5.2	6.3	7.3	8.2	8.9	9.6	62°	70°	74°
	10	●	●	●	●	●	5.2	4.4	2.0	3.2	4.6	5.6	6.4	7.9	9.1	10.2	11.2	12.1	64°	72°	75°
	15	●	●	●	●	●	5.9	5.6	3.1	4.6	6.8	8.4	9.7	11.8	13.7	15.3	16.7	18.1	64°	72°	74°
	20	●	●	●	●	●	7.1	6.4	4.1	6.4	9.1	11.2	12.9	15.8	18.2	20	22	24	63°	70°	74°
	25	●	●	●	●	●	7.5	7.5	5.1	8.1	11.4	14.0	16.1	19.7	23	25	28	30	63°	70°	74°
	30	●	●	●	●	●	8.3	7.9	6.1	9.7	13.7	16.7	19.3	24	27	31	33	36	63°	70°	74°
1/2	25	●	●	●	●	●	9.5	6.4	5.1	8.1	11.4	14.0	16.1	19.7	23	25	28	30	63°	66°	71°
	30	●	●	●	●	●	9.5	7.5	6.1	9.7	13.7	16.7	19.3	24	27	31	33	36	67°	71°	75°
	40	●	●	●	●	●	9.5	9.1	8.2	12.9	18.2	22	26	32	36	41	45	48	72°	76°	78°
	50	●	●	●	●	●	9.5	11.1	10.2	16.1	23	28	32	39	46	51	56	60	74°	79°	82°
	60	●	●	●	●	●	9.5	13.1	12.2	19.3	27	33	39	47	55	61	67	72	77°	82°	86°

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Righ Angle WhirlJet Hollow Cone Spray Nozzles have the following features:

• Righ Angle WhirlJet Hollow Cone Spray Nozzles spray pattern with hollow circle
• Water enter in and vortically spray out through eddy flow passage which makes nozzles not easy for clogging
• Nozzle head is detachable
• Spray angles: 50^0 to 120^0
• Connections: 1/8" to 1/2" (male and female NPT and BSPT)
• Operating pressure range: up to 400 psi (25 bar)
• General Application :
Cooling
Dust suppression
Chemical treatment
Washing or cleaning

Wide Angle

Thread size	Flow Code	Model No.		Material code			Main inlet Dia(mm)	Rated spray hole Dia (mm)	Flow rate(L/min)										Spray angle		
		AA	A	BRASS	SS	316SS			0.2bar	0.5bar	1bar	1.5bar	2bar	3bar	4bar	5bar	6bar	7bar	0.5bar	1.5bar	6bar
1/8	0.5-0.5W	●	●	●	●	●	0.79	1.2			0.23	0.28	0.32	0.39	0.46	0.51	0.56	0.6		117°	98°
	1-1W	●	●	●	●	●	1.6	1.6			0.46	0.56	0.64	0.79	0.91	1.0	1.1	1.2		125°	110°
	2-3W	●	●	●	●	●	2.0	2.8		0.81	1.1	1.4	1.6	2.0	2.3	2.5	2.8	2.9	114°	114°	97°
	3-3W	●	●	●	●	●	2.4	2.8		0.97	1.4	1.7	1.9	2.4	2.7	3.1	3.3	3.7	114°	114°	97°
	3-5W	●	●	●	●	●	2.4	3.2		1.1	1.5	1.9	2.2	2.7	3.1	3.5	3.8	4.0	116°	110°	95°
	2-10W	●	●	●	●	●	2.0	4.4		1.3	1.9	2.3	2.6	3.2	3.7	4.2	4.6	5.0	130°	135°	120°
	5-5W	●	●	●	●	●	3.2	3.2		1.6	2.3	2.8	3.2	3.9	4.6	5.1	5.5	6.1	116°	110°	92°
	5-10W	●	●	●	●	●	3.2	4.4		2.1	3.0	3.6	4.2	5.1	5.9	6.6	7.3	7.9	126°		95°
	8-10W	●	●	●	●	●	4.0	4.4	1.3	2.9	4.1	5.0	5.8	7.1	8.2	9.2	10.0	10.8	124°	112°	90°
1/4	1-1W	●	●	●	●	●	1.6	1.6	1.8		0.46	0.56	0.64	0.79	0.91	1.0	1.1	1.2		117°	111°
	1-5W	●	●	●	●	●	1.6	3.2			0.77	0.95	1.1	1.3	1.5	1.7	1.9	2.0		123°	124°
	1-10W	●	●	●	●	●	1.6	4.4			0.96	1.2	1.4	1.7	1.9	2.1	2.3	2.5		144°	139°
	1-15W	●	●	●	●	●	1.6	5.6			1.1	1.3	1.5	1.9	2.2	2.4	2.7	2.9		128°	132°
	2-5W	●	●	●	●	●	2.0	3.2		1.1	1.5	1.9	2.2	2.7	3.1	3.5	3.8	4.0	118°	123°	113°
	2-10W	●	●	●	●	●	2.0	4.4		1.3	1.9	2.3	2.6	3.2	3.7	4.2	4.6	5.0	138°	136°	126°
	5-5W	●	●	●	●	●	3.6	3.2		1.6	2.3	2.8	3.2	3.9	4.6	5.1	5.6	6.1	114°	113°	104°
	5-10W	●	●	●	●	●	3.6	4.4		2.1	3.0	3.6	4.2	5.1	5.9	6.6	7.3	7.9	130°	130°	119°
	5-15W	●	●	●	●	●	3.6	5.6	1.3	2.5	3.5	4.3	5.0	6.1	7.0	7.8	8.6	9.3	130°	132°	120°
	8-10W	●	●	●	●	●	4.0	4.4	1.6	2.9	4.1	5.0	5.8	7.1	8.2	9.2	10.0	10.8	129°	122°	103°
	10-10W	●	●	●	●	●	4.8	4.4	1.8	3.2	4.6	5.6	6.4	7.9	9.1	10.2	11.2	12.2	120°	108°	95°
	8-15W	●	●	●	●	●	4.0	5.6	2.0	3.5	5.0	6.1	7.1	8.7	10.0	11.2	12.3	13.2	129°	122°	107°
	10-15W	●	●	●	●	●	4.8	5.6	2.2	3.9	5.5	6.7	7.7	9.5	10.9	12.2	13.4	14.6	120°	108°	97°
	15-15W	●	●	●	●	●	4.0	5.6	2.4	4.8	6.8	8.4	9.7	11.8	13.7	15.3	16.7	18.0	101°	95°	90°
3/8	5-10W	●	●	●	●	●	4.8	4.4	3.0	2.1	3.0	3.6	4.2	5.1	5.9	6.6	7.3	7.9	130°	123°	102°
	5-15W	●	●	●	●	●	6.0	5.6	1.3	2.5	3.5	4.3	5.0	6.1	7.0	7.8	8.6	9.3	138°	131°	112°
	8-10W	●	●	●	●	●	3.6	4.4	1.6	2.9	4.1	5.0	5.8	7.1	8.2	9.2	10.0	10.8	122°	110°	96°
	10-10W	●	●	●	●	●	3.6	4.4	1.8	3.2	4.6	5.6	6.4	7.9	9.1	10.2	11.2	12.2	116°	108°	93°
	8-15W	●	●	●	●	●	4.4	5.6	2.0	3.5	5.0	6.1	7.1	8.7	10.0	11.2	12.3	13.2	133°	120°	105°
	10-15W	●	●	●	●	●	5.2	5.6	2.2	3.9	5.5	6.7	7.7	9.5	10.9	12.2	13.4	14.6	126°	115°	100°
	8-25W	●	●	●	●	●	4.4	7.5	2.4	4.2	5.9	7.3	8.4	10.3	11.9	13.3	14.5	15.6	122°	118°	109°
	10-20W	●	●	●	●	●	5.2	6.0	2.9	4.5	6.4	7.8	9.0	11.1	12.8	14.3	15.6	16.9	118°	112°	102°
	15-15W	●	●	●	●	●	6.0	5.6	3.0	4.8	6.8	8.4	9.7	11.8	13.7	15.3	16.7	18.0	116°	106°	95°
	15-20W	●	●	●	●	●	6.0	6.0	3.4	5.5	7.7	9.5	11.0	13.4	15.5	17.3	19.0	20.4	113°	108°	98°
	20-20W	●	●	●	●	●	7.1	6.0	4.1	6.4	9.1	11.2	12.9	15.8	18.2	20	22	24.1	106°	102°	95°
	15-30W	●	●	●	●	●	6.0	7.9	4.5	7.1	10.0	12.3	14.2	17.4	20	22	25	26.5	116°	110°	102°
	25-25W	●	●	●	●	●	7.5	7.5	5.1	8.1	11.4	14.0	16.0	19.7	23	25	28	30.2	105°		93°
	25-30W	●	●	●	●	●	7.5	7.9	5.7	9.0	12.8	15.6	18.0	22	26	29	31	33.9	105°	101°	94°
1/2	50-50W	●	●	●	●	●	9.5	11.1	10.2	16.1	23	28	32	39	46	51	56	60.9	110°	102°	93°

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