ASPERSOR WHIRLJET

Ficha de datos técnicos
Tecnología aspersión de líquidos

Fecha/revisado: 01-01-2025 v 3.0

WHIRLJET

PRINCIPALES USOS

*** Torres de absorción.**

*** Control de material particulado.**

***Supresión/ prevención de incendios.**

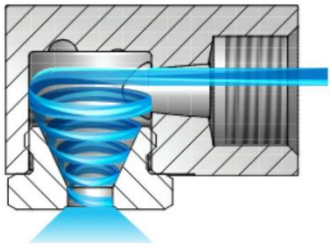
***Procesos químicos**

*** Lavador de gases (Scrubber).**

*** Enfriadores (Quench).**

CARACTERISTICAS DE DISEÑO

- Diseño convencional que utiliza un método de atomización de remolino tangencial
- Se utiliza donde se requiere un patrón circular o en instalaciones múltiples en áreas grandes donde hay una superposición considerable de rociadores
- Alta eficiencia energética
- Conexión macho.
- Amplio paso libre



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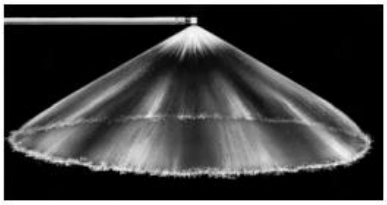
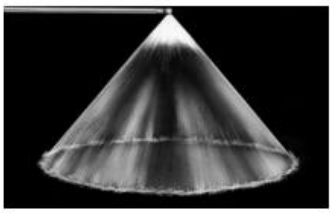


Hollow Cone 120°



Hollow Cone 80°

Product Description

Inlet Conn. (in.) NPT or BSPT	Nozzle Type: Standard: Internal Thread A	AX	External Thread B	BX	BA	Capacity Size	Inlet Dia. Nom. (mm)	Orifice Dia. Nom. (mm)	Flow Rate Capacity (L/min): 0.2 bar	0.5 bar	1 bar	1.5 bar	2 bar	3 bar	4 bar	5 bar	6 bar	7 bar	Spray Angle: 0.5 bar	1.5 bar	6 bar
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	–	56°	69°
	●	●	●	●		1	1.6	1.6	–	0.32	0.46	0.56	0.64	0.79	0.91	1.0	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	15.3	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	4.8	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°
	●		●			15–30.1	5.9	7.9	4.7	7.4	10.5	12.8	14.8	18.2	21	23	26	28	40°	50°	54°
	●		●			25–30.1	7.5	7.9	5.7	9.0	12.8	15.6	18.0	22	26	29	31	34	40°	47°	51°
	●		●			50–50.1	8.7	9.5	10.2	16.1	23	28	32	39	46	51	56	60	40°	47°	50°
	●		●			50–50.3	8.7	9.5	10.2	16.1	23	28	32	39	46	51	56	60	72°	76°	78°
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°
3/4"	●	●	●	●		40	12.7	7.9	8.2	12.9	18.2	22	26	32	36	41	45	48	70°	73°	74°
	●	●	●	●		50	12.7	9.5	10.2	16.1	23	28	32	39	46	51	56	60	72°	75°	77°
	●	●	●	●		60	12.7	11.1	12.2	19.3	27	33	39	47	55	61	67	72	74°	76°	79°
	●	●	●	●		70	12.7	12.7	14.3	23	32	39	45	55	64	71	78	84	76°	79°	83°
	●	●	●	●		80	12.7	14.3	16.3	26	36	45	52	63	73	82	89	96	78°	82°	84°
	●	●	●	●		90	12.7	14.7	18.3	29	41	50	58	71	82	92	100	109	81°	84°	84°
	●	●	●	●		100	12.7	15.9	20	32	46	56	64	79	91	102	112	121	83°	86°	86°
	●	●	●	●		110	12.7	17.1	22	35	50	61	71	87	100	112	123	133	85°	88°	88°
	●	●	●	●		120	12.7	18.3	24	39	55	67	77	95	109	122	134	145	87°	90°	90°

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