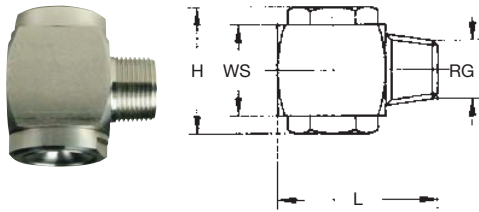


FULL CONE NOZZLES

AT



VANELESS - OFF LINE

These nozzles can produce a full cone spray pattern without any vane inside the whirl-chamber, which has free internal passages and is therefore less prone to clogging. The spray axis has an angle of 90° to the axis of the nozzle feed inlet.

The spray consists of coarse drops insensitive to wind drift, well distributed over the spray area and with a stable spray angle over a wide range of inlet pressure values.

Materials B3 AISI 316 Stainless steel

T1 Brass

Plastic materials on request

This type of nozzle is often manufactured in small quantities, special materials and customized specifications, and usually not kept available in stock. Please check with our offices for delivery time about the nozzles you require.

Code	RG inch	D mm	D1 mm	Capacity at different pressure values							(lpm) (bar)	H mm	L mm	WS mm
				1.0	2.0	3.0	4.0	5.0	6.0	7.0				
60°	ATQ 1390 xx ATQ 1740 xx	1/4	2.4	2.2	2.25	3.18	3.90	4.50	5.03	5.52	5.96	25	34	20
			3.3	3.2	4.27	6.04	7.40	8.54	9.55	10.5	11.3			
90°	ATU 1230 xx	1/8	2.1	1.8	1.33	1.88	2.30	2.66	2.97	3.25	3.51	22	24	15
		1/4	2.5	2.1	2.25	3.18	3.90	4.50	5.03	5.52	5.96	25	34	20
	ATU 1490 xx		3/8	3.0	2.1	3.58	2.83	4.00	4.90	5.66	6.33	6.93	27	34
		ATU 1621 xx ATU 1740 xx		3.5	3.2		4.27	6.04	7.40	8.54	9.55	10.5		
	ATU 1780 xx ATU 2110 xx	3/8	5.0	3.4	3.58	4.50	6.37	7.80	9.00	10.1	11.0	27	34	20
			ATU 2153 xx ATU 2196 xx	5.1		4.3	6.35	8.98	11.0	12.7	14.2			
	ATU 2245 xx ATU 2315 xx	1/2	8.7	5.5	14.1	11.3	16.0	19.6	22.6	25.3	27.7	38	48	30
			ATU 2315 xx	8.7		6.5	18.2	25.7	31.5	36.4	40.7			
	ATU 2530 xx ATU 2770 xx	3/4	12.6	8.7	30.6	43.3	53.0	61.2	68.4	75.0	81.0	50	58	40
			ATU 2770 xx	12.6		11.2	44.5	62.9	77.0	88.9	99.4			
ATU 2420 xx ATU 2645 xx	1	9.2	9.8	24.2	34.3	42.0	48.5	54.2	59.4	64.2	48	61	42	
		ATU 2645 xx	10.3		10.3	37.2	52.7	64.5	74.5	83.3				91.2
120°	ATW 1310 xx	1/8	2.5	2.1	1.82	2.48	3.10	3.58	4.02	4.40	4.65	22	24	15
		1/4	2.5	2.1	1.82	2.48	3.10	3.58	4.02	4.40	4.65	25	34	20
	ATW 1490 xx		3/8	4.1	2.4	2.83	4.00	4.90	5.66	6.33	6.93	7.48	27	34
		ATW 1780 xx ATW 2110 xx		5.0	3.4	4.50	6.37	7.80	9.00	10.1	11.0	11.9		
	ATW 2153 xx ATW 2196 xx	3/8	5.4	4.4	4.50	6.35	8.98	11.0	12.7	14.2	15.6	27	34	20
			ATW 2153 xx ATW 2196 xx	5.3		5.2	8.80	12.5	15.3	17.7	19.8			
	ATW 2245 xx ATW 2315 xx	1/2	8.5	5.5	14.1	11.3	16.0	19.6	22.6	25.3	27.7	38	48	30
			ATW 2315 xx	8.5		6.3	18.2	25.7	31.5	36.4	40.7			
	ATW 2480 xx ATW 2770 xx	3/4	12.6	7.8	27.7	39.2	48.0	55.4	62.0	67.9	73.3	56	59	40
			ATW 2770 xx	14.0		10.7	44.5	62.9	77.0	88.9	99.4			
	ATW 2420 xx ATW 2645 xx	1	9.5	8.0	24.2	34.3	42.0	48.5	54.2	59.4	64.2	48	61	42
			ATW 2645 xx	12.8		9.2	37.2	52.7	64.5	74.5	83.3			
	ATW 2870 xx ATW 3122 xx	1	16.0	11.5	50.2	71.0	87.0	100	112	123	133	61	68	45
			ATW 3122 xx	18.0		14.0	70.4	99.6	122	141	157			

Common Applications

Profile washing in drop eliminators
Rotary filter washing

Accessories

Swivel joints
Line filters