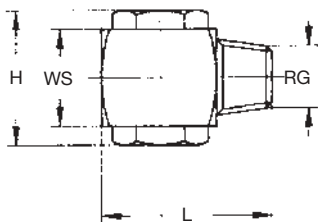


FULL CONE NOZZLES

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								H mm	L mm	WS mm
				1.0	2.0	3.0	4.0	5.0	6.0	7.0	(lpm) (bar)			
60°	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°	1/8	2.1	1.8	1.33	1.88	2.30	2.66	2.97	3.25	3.51	22	24	15	
		2.5	2.1	2.25	3.18	3.90	4.50	5.03	5.52	5.96				
	1/4	3.0	2.1	2.25	3.18	3.90	4.50	5.03	5.52	5.96	25	34	20	
		3.0	2.1	2.25	3.18	3.90	4.50	5.03	5.52	5.96				
	3/8	3.5	3.2	3.58	5.06	6.20	7.16	8.00	8.80	9.50	27	34	20	
			3.2	4.27	6.04	7.40	8.54	9.55	10.5	11.3				
		5.0	3.4	4.50	6.37	7.80	9.00	10.1	11.0	11.9	27	34	20	
			4.3	6.35	8.98	11.0	12.7	14.2	15.6	16.8				
	5.1	4.3	6.35	8.98	11.0	12.7	14.2	15.6	16.8	27	34	20		
		5.3	5.2	8.80	12.5	15.3	17.7	19.8	21.6				23.4	
1/2	8.7	5.5	14.1	20.0	24.5	28.3	31.6	34.6	37.4	38	48	30		
	8.7	6.5	18.2	25.7	31.5	36.4	40.7	44.5	48.1					
3/4	12.6	8.7	30.6	43.3	53.0	61.2	68.4	75.0	81.0	50	58	40		
	12.6	11.2	44.5	62.9	77.0	88.9	99.4	109	118					
1	9.2	9.8	24.2	34.3	42.0	48.5	54.2	59.4	64.2	48	61	42		
	10.3	10.3	37.2	52.7	64.5	74.5	83.3	91.2	98.5					
120°	1/8	2.5	2.1	1.82	2.48	3.10	3.58	4.02	4.40	4.65	22	24	15	
		2.5	2.1	1.82	2.48	3.10	3.58	4.02	4.40	4.65				
	1/4	4.1	2.4	2.83	4.00	4.90	5.66	6.33	6.93	7.48	25	34	20	
		4.1	2.4	2.83	4.00	4.90	5.66	6.33	6.93	7.48				
	3/8	5.0	3.4	4.50	6.37	7.80	9.00	10.1	11.0	11.9	27	34	20	
			4.4	6.35	8.98	11.0	12.7	14.2	15.6	16.8				
		5.3	5.2	8.80	12.5	15.3	17.7	19.8	21.6	23.4	27	34	20	
			5.2	11.3	16.0	19.6	22.6	25.3	27.7	29.9				
	1/2	8.5	5.5	14.1	20.0	24.5	28.3	31.6	34.6	37.4	38	48	30	
		8.5	6.3	18.2	25.7	31.5	36.4	40.7	44.5	48.1				
	3/4	12.6	7.8	27.7	39.2	48.0	55.4	62.0	67.9	73.3	56	59	40	
		14.0	10.7	44.5	62.9	77.0	88.9	99.4	109	118				
	1	9.5	8.0	24.2	34.3	42.0	48.5	54.2	59.4	64.2	48	61	42	
			9.2	37.2	52.7	64.5	74.5	83.3	91.2	98.5				
12.8		9.2	37.2	52.7	64.5	74.5	83.3	91.2	98.5	58	61	40		
		16.0	11.5	50.2	71.0	87.0	100	112	123				133	
16.0		11.5	50.2	71.0	87.0	100	112	123	133	133	61	68	45	
		18.0	14.0	70.4	99.6	122	141	157	175	186				

Common Applications

Profile washing in drop eliminators
Rotary filter washing

Accessories

Swivel joints
Line filters