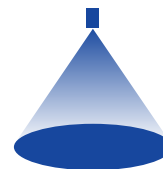


Deflector-plate nozzles

Series 524/525

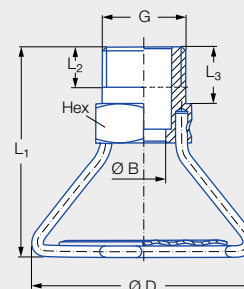


Features:

- Full cone atomization
- Large impact area
- Non-clogging

Applications:

- Fire fighting
- Sprinkling
- Dust suppression



Series 524/525

G	Dimensions [in]					Weight [lb] (brass)
	L ₁	L ₂	L ₃	Ø D	Hex (mm)	
1/2 NPT	2.11	0.43	0.57	2.2	24	0.15

Spray angle	Ordering number					Bore diameter B [in]	V̇ water [gal/min]							Spray diameter D [in] (at p = 30 psi)	
	Type	Mat. no.		Connection			p [psi]							H = 40 [in]	H = 120 [in]
		17'	30	1/2 Male NPT	BSPP		Liters per min.								
		Stainless steel 316Ti/ Stainless steel 316L	Brass				7	15	30	2 bar	45	75	145		
180°	524.809	●	●	BG	00	0.157	1.30	1.90	2.69	10.00	3.29	4.25	5.91	150	169
	525.049	●	●	BG	00	0.315	5.19	7.60	10.75	40.00	13.16	16.99	23.63	394	453
	525.109		●	BG	00	0.366	7.27	10.64	15.04	56.00	18.43	23.79	33.08	413	502
	525.169		●	BG	00	0.429	10.38	15.20	21.49	80.00	26.32	33.98	47.25	413	571
	525.229		●	BG	00	0.480	14.53	21.28	30.09	112.00	36.85	47.58	66.15	295	453
	525.269	●	●	BG	00	0.484	18.17	26.60	37.61	140.00	46.06	59.47	82.69	276	472

¹ We reserve the right to supply material 316Ti or 316L under material no. 17.

Also available in metric thread.

Conversion formula for this series: $\dot{V}_2 = \dot{V}_1 \cdot \sqrt{\frac{p_2}{p_1}}$

Ordering Type + Material no. + Connection = Ordering no.
example: 524.809 + 17 + BG = 524.809.17.BG



Assembly accessories can be found in Chapter 12 "Accessories".