



Ceramic hollow cone nozzles





HARDI 1299 Hollow cone nozzles


These nozzles are superior in fine droplet delivery for optimal coverage of plant protection compounds. The high durability of the ceramic material makes this nozzle extensively used in orchard / mistblower applications at high working pressure or when applying abrasive materials.


- High efficiency nozzles
- Best choice for orchard applications
- Flow rates from 0.21 – 4.24 (at 3 – 15 bar)
- Working pressure from 3 to 25 bar
- CERAMIC – superior durability at high working pressure


Useful on droplets for under leaf spraying where turbulence is required for good coverage. Also used on hand-held sprayers for insecticide and fungicide application and for band spraying.


bar		l/min
1299-06 White 371507		
3.0	VF	0.21
5.0	VF	0.27
6.0	VF	0.30
8.0	VF	0.34
10.0	VF	0.38
15.0	VF	0.47


bar		l/min
1299-12 Yellow 371510		
3.0	F	0.57
5.0	VF	0.74
6.0	VF	0.81
8.0	VF	0.94
10.0	VF	1.05
15.0	VF	1.28


bar		l/min
1299-17 Grey 371972		
3.0	F	1.16
5.0	F	1.50
6.0	F	1.64
8.0	F	1.90
10.0	VF	2.12
15.0	VF	2.60


bar		l/min
1299-08 Lilac 371508		
3.0	VF	0.29
5.0	VF	0.37
6.0	VF	0.41
8.0	VF	0.47
10.0	VF	0.52
15.0	VF	0.64

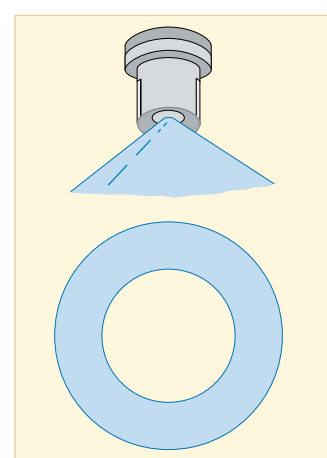
bar		l/min
1299-14 Orange 371511		
3.0	F	0.76
5.0	VF	0.98
6.0	VF	1.07
8.0	VF	1.24
10.0	VF	1.39
15.0	VF	1.70


bar		l/min
1299-18 Green 371513		
3.0	F	1.37
5.0	F	1.77
6.0	F	1.94
8.0	F	2.24
10.0	VF	2.50
15.0	VF	3.07


bar		l/min
1299-10 Brown 371509		
3.0	VF	0.37
5.0	VF	0.48
6.0	VF	0.53
8.0	VF	0.61
10.0	VF	0.68
15.0	VF	0.83

bar		l/min
1299-16 Red 371512		
3.0	F	1.08
5.0	F	1.39
6.0	F	1.52
8.0	VF	1.76
10.0	VF	1.97
15.0	VF	2.41

bar		l/min
1299-19 Black 371973		
3.0	F	1.55
5.0	F	2.00
6.0	F	2.19
8.0	F	2.53
10.0	F	2.83
15.0	VF	3.46



bar		l/min
1299-20 Blue 371514		
3.0	M	1.90
5.0	M	2.45
6.0	F	2.68
8.0	F	3.10
10.0	F	3.46
15.0	F	4.24

















 = Spray quality: Very Fine (VF), Fine (F), Medium (M), Coarse (C), Very Coarse (VC).

1099 Solid stream nozzle - CERAMIC

This nozzle disperses the spray liquid in a concentrated stream. Its main use is calibration of flows, often in connection with other nozzle components.

The capacity can be changed by placing the nozzle with or against the direction of flow.



1099	1099-8	1099-10	1099-12	1099-15	1099-18	1099-20	1099-23	1099-30								
bar	l/min															
																
2.0	0.54	0.43	0.91	0.65	1.14	0.94	1.88	1.42	2.54	1.98	3.09	2.46	3.98	3.18	6.43	5.18
5.0	0.83	0.68	1.38	1.01	1.78	1.47	2.89	2.23	4.03	3.13	4.86	3.92	6.40	5.03	10.47	8.45
8.0	1.04	0.86	1.71	1.28	2.25	1.86	3.59	2.82	5.10	3.96	6.13	4.98	8.17	6.37	13.44	10.86
10.0	1.15	0.95	1.89	1.42	2.51	2.07	3.99	3.15	5.70	4.43	6.85	5.58	9.17	7.12	15.13	12.23
15.0	1.39	1.16	2.27	1.74	3.06	2.53	4.82	3.85	6.98	5.42	8.37	6.87	11.31	8.72	18.77	15.19
20.0	1.59	1.34	2.59	2.00	3.52	2.92	5.51	4.44	8.06	6.26	9.65	7.95	13.13	10.07	21.87	17.71
30.0	1.92	1.63	3.11	2.44	4.30	3.56	6.65	5.43	9.88	7.67	11.80	9.78	16.20	12.33	27.13	21.99
50.0	2.43	2.09	3.91	3.13	5.52	4.58	8.44	6.99	12.76	9.90	15.20	12.68	21.12	15.92	35.59	28.89
No	371309		371310		371311		371312		371313		371314		371315		371884	