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 vineyard and orchard mistblower applications at high working pressure or when applying abrasive materials.

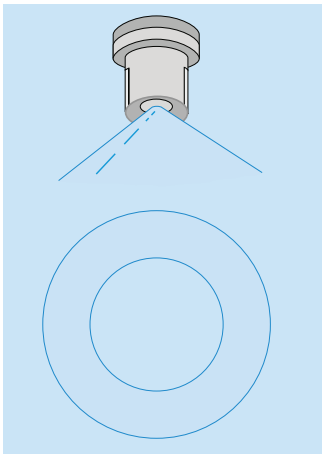
- High efficiency nozzles
- Best choice for orchard applications
- Flow rates from 0.05 to 1.14 GPM (at 40 – 220 PSI)
- Working pressure from 40 - 220 PSI
- CERAMIC – superior durability at high working pressure

Useful on droplegs 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.

PSI		GPM
1299-06 White 371507		
40	VF	0.054
70	VF	0.070
90	VF	0.079
120	VF	0.090
140	VF	0.096
220	VF	0.119

PSI		GPM
1299-12 Yellow 371510		
40	F	0.141
70	VF	0.182
90	VF	0.204
120	VF	0.233
140	VF	0.250
220	VF	0.308

PSI		GPM
1299-17 Grey 371972		
40	F	0.301
70	F	0.390
90	F	0.438
120	F	0.500
140	VF	0.536
220	VF	0.660



1299-08 Lilac 371508		
40	VF	0.072
70	VF	0.093
90	VF	0.104
120	VF	0.119
140	VF	0.128
220	VF	0.157

1299-14 Orange 371511		
40	F	0.188
70	VF	0.243
90	VF	0.273
120	VF	0.311
140	VF	0.334
220	VF	0.412

1299-18 Green 371513		
40	F	0.353
70	F	0.456
90	F	0.512
120	F	0.584
140	VF	0.627
220	VF	0.772

PSI		GPM
1299-20 Blue 371514		
40	M	0.518
70	M	0.670
90	F	0.752
120	F	0.859
140	F	0.922
220	F	1.135

1299-10 Brown 371509		
40	VF	0.094
70	VF	0.121
90	VF	0.136
120	VF	0.155
140	VF	0.166
220	VF	0.205

1299-16 Red 371512		
40	F	0.274
70	F	0.355
90	F	0.399
120	VF	0.455
140	VF	0.488
220	VF	0.601

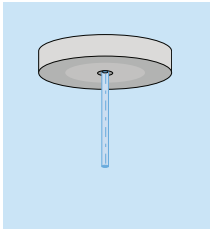
1299-19 Black 371973		
40	F	0.402
70	F	0.520
90	F	0.584
120	F	0.666
140	F	0.715
220	VF	0.881

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

1099 Solid stream nozzles - 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	
PSI	GPM															
30	0.15	0.12	0.25	0.17	0.31	0.25	0.51	0.38	0.68	0.53	0.83	0.66	1.07	0.85	1.73	1.39
70	0.22	0.18	0.36	0.26	0.46	0.38	0.75	0.58	1.05	0.81	1.26	1.02	1.66	1.31	2.72	2.19
100	0.25	0.21	0.42	0.31	0.55	0.46	0.88	0.69	1.25	0.97	1.50	1.22	2.00	1.56	3.30	2.66
150	0.31	0.26	0.51	0.38	0.67	0.56	1.07	0.85	1.53	1.19	1.84	1.50	2.46	1.91	4.07	3.29
200	0.35	0.30	0.58	0.44	0.78	0.64	1.23	0.98	1.77	1.37	2.12	1.74	2.85	2.21	4.72	3.82
300	0.43	0.36	0.70	0.54	0.95	0.78	1.48	1.19	2.17	1.68	2.59	2.14	3.53	2.70	5.88	4.76
450	0.52	0.44	0.83	0.66	1.15	0.96	1.79	1.46	2.65	2.06	3.17	2.63	4.35	3.31	7.29	5.91
700	0.63	0.54	1.02	0.81	1.43	1.19	2.19	1.81	3.31	2.57	3.94	3.29	5.48	4.13	9.24	7.50
No	371309		371310		371311		371312		371313		371314		371315		371884	