

## FULL CONE NOZZLES

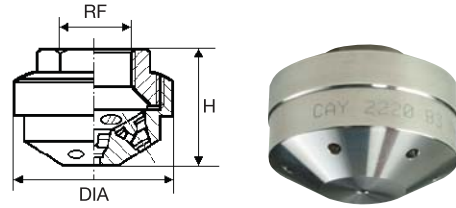
CAY

## CLUSTER NOZZLE / WIDE ANGLE SPRAY

CAY multiple full cone nozzles can produce very fine droplets using only hydraulic pressure.

The full cone spray pattern results from the interaction of several hollow cone sprays, the number of these per cluster is designated by (NR) as stated in the capacity table below.

Since the droplet size partly depends upon the nozzle size (among other factors), these multi-orifice nozzles produce a finer spray than a standard full cone nozzle working at the same pressure and delivering the same quantity of liquid. The design of CAY nozzle bodies produces a wide angle spray while maintaining the fine droplet dimensions.



**Materials**

- B1 AISI 303 Stainless steel on request
- B31 AISI 316L Stainless steel
- T1 Brass

Code	RF inch	D mm	D1 mm	Capacity at different pressure values							lpm bar	Dimensions mm		
				0.7	1.0	1.5	2.0	3.0	5.0	10		NR	DIA	H
130°	CAY 1153 xx	1/2	1.0	0.4			1.08	1.25	1.53	1.98	2.79	7	40	29
	CAY 1274 xx		1.7	0.4			1.94	2.24	2.74	3.54	5.00			
	CAY 1343 xx	3/4	1.0	0.5	1.66	1.98	2.43	2.80	3.43	4.43	6.26	7	63	45
	CAY 1551 xx		1.5	0.5	2.66	3.18	3.90	4.50	5.51	7.11	10.1			
	CAY 1870 xx		2.0	0.5	4.20	5.02	6.15	7.10	8.70	11.2	15.9			
	CAY 2116 xx		2.5	0.9	5.60	6.70	8.20	9.47	11.6	15.0	21.2			
	CAY 2145 xx		3.0	0.9	7.00	8.37	10.2	11.8	14.5	18.7	26.5			
	CAY 2184 xx		3.5	1.1	8.89	10.6	13.0	15.0	18.4	23.8	33.6			
	CAY 2220 xx		4.0	1.1	10.6	12.7	15.6	18.0	22.0	28.4	40.2			
	CAY 2342 xx		3.5	*1.1	16.6	19.8	24.3	28.0	34.2	44.3	62.6			
	CAY 2434 xx		4.0	*1.1	21.0	25.1	30.7	35.4	43.4	56.0	79.2			
	CAY 2551 xx		5.0	*1.1	26.6	31.8	39.0	45.0	55.1	71.1	101			
CAY 2728 xx	6.2	*1.1	35.2	42.0	51.5	59.4	72.8	94.0	133					
CAY 2385 xx	1	5.0	1.9	18.6	22.2	27.2	31.4	38.5	49.7	70.3	7	120	81	
CAY 2489 xx		6.0	1.9	23.7	28.3	34.6	40.0	49.0	63.3	89.5				
CAY 2685 xx		5.7	1.9	33.1	39.5	48.4	55.9	68.5	88.4	125				
CAY 2979 xx		6.5	*1.9	47.3	56.5	69.2	79.9	97.9	126	179				
CAY 3137 xx		9.0	*1.9	66.2	79.1	96.9	112	137	177	250				
CAY 3130 xx	2	9.0	2.4	62.8	75.1	91.9	106	130	168	237	7	155	94	
CAY 3184 xx		12.0	2.4	88.9	106	130	150	184	238	336				
CAY 3245 xx		10.0	5.5	118	141	173	200	245	316	447				
CAY 3260 xx		9.0	*5.5	126	150	184	212	260	336	475				
CAY 3367 xx		12.0	*5.5	177	212	260	300	367	474	670				
CAY 3490 xx		15.0	*5.5	237	283	346	400	490	633	895				

\* Double capacity insert