

## FULL CONE NOZZLES

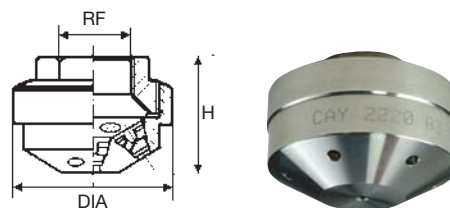
CAY

## CLUSTER NOZZLE / WIDE ANGLE SPRAY

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

Their full cone spray pattern results from the interaction of several hollow cone sprays, whose number (NR) is stated in the capacity table below.

Since the droplet size depends among other factors upon the nozzle size, these multi-orifice nozzles produce a finer spray than a standard full cone single-orifice 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
	B3	AISI 316 Stainless steel on request
	T1	Brass

	Code	RF inch	D mm	D1 mm	Capacity at different pressure values							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	0.5			1.08	1.25	1.53	1.98	2.79	7	40	33.5
	CAY 1274 xx		1.8	0.5			1.94	2.24	2.74	3.54	5.00			
	CAY 1343 xx	3/4	1.0	1.0	1.66	1.98	2.43	2.80	3.43	4.43	6.26	7	63	46
	CAY 1551 xx		1.4	1.4	2.66	3.18	3.90	4.50	5.51	7.11	10.1			
	CAY 1870 xx		2.0	2.0	4.20	5.02	6.15	7.10	8.70	11.2	15.9			
	CAY 2116 xx		2.5	2.0	5.60	6.70	8.20	9.47	11.6	15.0	21.2			
	CAY 2145 xx		3.0	2.0	7.00	8.37	10.2	11.8	14.5	18.7	26.5			
	CAY 2184 xx		3.5	2.0	8.89	10.6	13.0	15.0	18.4	23.8	33.6			
	CAY 2220 xx		4.0	2.0	10.6	12.7	15.6	18.0	22.0	28.4	40.2			
	CAY 2342 xx		3.5	*1.7	16.6	19.8	24.3	28.0	34.2	44.3	62.6			
	CAY 2434 xx		4.0	*1.7	21.0	25.1	30.7	35.4	43.4	56.0	79.2			
	CAY 2551 xx		5.0	*1.7	26.6	31.8	39.0	45.0	55.1	71.1	101			
	CAY 2728 xx		6.0	*1.7	35.2	42.0	51.5	59.4	72.8	94.0	133			
	CAY 2385 xx	1	5.0	3.2	18.6	22.2	27.2	31.4	38.5	49.7	70.3	7	120	81
	CAY 2489 xx		6.0	3.6	23.7	28.3	34.6	40.0	49.0	63.3	89.5			
	CAY 2685 xx		8.0	3.6	33.1	39.5	48.4	55.9	68.5	88.4	125			
	CAY 2979 xx		6.0	*2.5	47.3	56.5	69.2	79.9	97.9	126	179			
	CAY 3137 xx		8.0	*2.5	66.2	79.1	96.9	112	137	177	250			
	CAY 3130 xx	2	9.0	3.2	62.8	75.1	91.9	106	130	168	237	7	155	104.5
	CAY 3184 xx		12.0	3.2	88.9	106	130	150	184	238	336			
	CAY 3245 xx		15.0	3.6	118	141	173	200	245	316	447			
	CAY 3260 xx		9.0	*3.0	126	150	184	212	260	336	475			
	CAY 3367 xx		12.0	*3.0	177	212	260	300	367	474	670			
	CAY 3490 xx		15.0	*3.0	237	283	346	400	490	633	895			

\* Double capacity insert