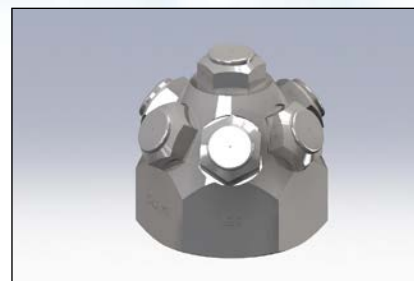


INLET SIDE

OUTLET SIDE



M7C Series Cluster Nozzle Assembly

PRODUCT DESCRIPTION:

The M7C series cluster nozzles uses an array of seven (7) hollow cone C-series hydraulic atomizing nozzle caps mounted on a cluster nozzle body to produce a radially oriented array of hollow cone sprays. Multiple hydraulic atomizing spray nozzle caps produce a small droplet size with a higher flow rate and larger distribution than a single nozzle assembly. Nozzle caps are easily removed for nozzle change-out.

CONSTRUCTION:

Standard cluster nozzle body and cap materials are brass, 303 stainless steel and 316 stainless steel. Other body and cap materials are available upon request.

TYPICAL APPLICATIONS:

- Chemical Processing
- Cooling Sprays
- Stack Gas Scrubbers

Model	CAPACITY AT VARIOUS PRESSURES (USGPH)								
	30 psi	40 psi	80 psi	100 psi	200 psi	300 psi	500 psi	700 psi	1000 psi
1M7C1.9	3.6	4.1	5.8	6.5	9.2	11.3	14.6	17.3	20.6
1M7C2.4	4.5	5.2	7.4	8.2	11.7	14.3	18.4	21.8	26.1
1M7C3.0	5.6	6.5	9.2	10.3	14.6	17.8	23.0	27.3	33
1M7C3.8	7.1	8.3	11.7	13.1	18.5	22.6	29.2	35	41
1M7C4.7	8.8	10.2	14.4	16.1	22.8	28.0	36	43	51
1M7C5.9	11.1	12.8	18.1	20.3	28.7	35	45	54	64
1M7C7.4	13.9	16.1	22.7	25.4	36	44	57	67	80
1M7C9.2	17.3	20.0	28.3	31.6	45	55	71	84	100
1M7C12	22.6	26.1	37	41	58	71	92	109	130
1M7C14	26.3	30.4	43	48	68	83	108	127	152
1M7C18	34	39	55	62	87	107	138	164	195
1M7C23	43	50	71	79	112	137	177	209	250
1M7C28	53	61	86	96	136	167	215	254	304
1M7C35	66	76	108	120	170	208	269	318	380
1M7C44	83	96	135	151	214	262	338	400	478
1M7C55	103	119	169	189	267	327	422	500	597
1M7C69	130	150	212	237	335	410	530	627	749
1M7C86	162	187	264	295	418	512	660	781	934

Made with a 1" female pipe thread

