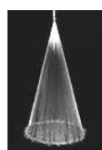
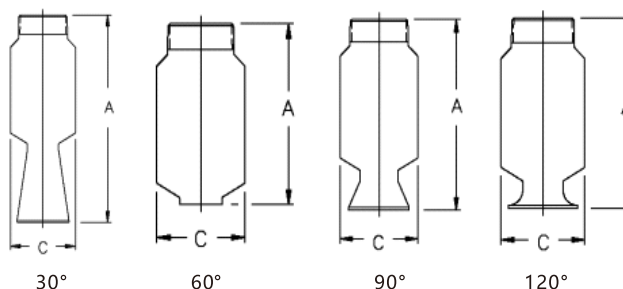
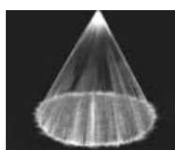




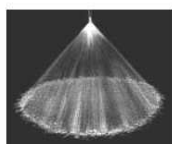
SMP High Flow Full Cone Nozzle



Full cone 30°



Full cone 60°



Full cone 90°



Full cone 120°

Design Features

- Spray Angle : 30° /60°/90°/120°
- Spray Pattern : Solid Cone
- Drops : Small- to Medium-size, uniform distribution over a wide range of flow rates and pressure.
- Material : 316SS/PTFE/PP/PVC
- Features : Integral structure, the internal two S-shaped blades form the maximum smooth path to prevent plugging, especially suitable for spraying large flow of slurry containing more particles and impurities;
Low pressure to 0.2 bar for effective injection.

Applications

- High temperature flue gas cooling
- Waste gas washing
- Dust control
- Wet desulfurization
- Fire prevention
- Packing tower spray

Performance State

At the stated pressure in bar.

Inlet Conn (in.)	Capacity Size	Orifice (mm)	Flow Rate Capacity(L/min)							
			0.2bar	0.3bar	0.5bar	0.7bar	1bar	2bar	3bar	5bar
3/8	125	3.18	2.6	3.14	3.99	4.68	5.53	7.66	9.27	11.8
	156	3.97	4.13	4.99	6.35	7.43	8.79	12.2	14.7	18.7
	187	4.76	5.96	7.21	9.17	10.7	12.7	17.6	21.3	27.1
1/2	187	4.76	5.96	7.21	9.17	10.7	12.7	17.6	21.3	27.1
	218	5.56	9.48	11.5	14.6	17.1	20.2	28	33.9	43
	250	6.35	10.7	12.9	16.4	19.2	22.7	31.4	38	48.4
3/4	281	7.14	13.1	15.8	20.1	23.6	27.9	38.6	46.8	59.4
	312	7.94	15.9	19.2	24.4	28.6	33.8	46.8	56.6	72
	343	8.73	19.4	23.5	29.9	35	41.4	57.3	69.4	88.2
	375	9.53	22.9	27.7	35.2	41.3	48.8	67.6	81.8	104
1	375	9.53	22.9	27.7	35.2	41.3	48.8	67.6	81.8	104
	406	10.3	27.6	33.3	42.3	49.3	58.6	81.1	98.1	126
	437	11.1	34	40.6	50.9	59	69	93.6	112	140
1-1/4	437	11.1	34	40.6	50.9	59	69	93.6	112	140
	500	11.1	43.7	52.2	65.4	75.8	88.7	120	144	180
	531	12.7	48.5	58	72.7	84.2	98.6	134	160	200
	562	13.5	53.4	63.8	79.9	92.7	108	147	176	220
1-1/2	562	14.3	53.4	63.8	79.9	92.7	108	147	176	220
	593	15.1	60.7	72.5	90.9	105	123	167	200	250
	625	15.9	64.7	77.4	96.9	112	131	178	213	267
	656	16.7	78.5	93.5	117	136	159	216	258	324
	687	17.5	82.5	98.7	124	143	168	227	272	340

• Special size please consult our sale dept!