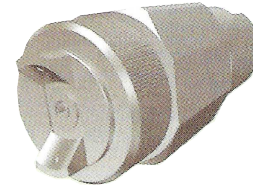


# Air Mist Nozzle

## - PV, PNV



The air mist nozzles have a controlled and adjustable, wide-ranging flow rate. The PV model can change spray pattern from full cone to flat spray with minimum difficulty. They are used for humidification, painting, cooling, dust control, washing, and the spraying of chemicals.

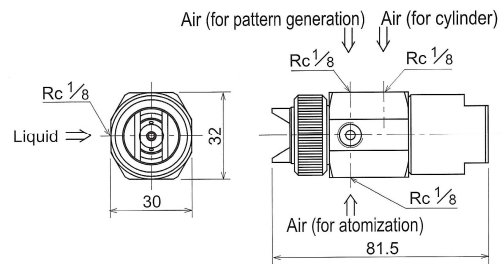


### Construction

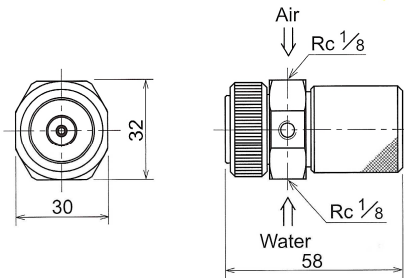
Constructed from SS303.



PV model



PNV model



Model	Model number	Minimum orifice diameter for water (mm)	Water flow rate (ℓ/min) at following water pressure (MPa)						Air pressure (MPa)	Air flow rate (ℓ/min(Nor.))	Air flow rate for pattern generation (ℓ/min (Nor.)) (PV only)
			0.01	0.02	0.03	0.04	0.05	0.06			
PV PNV	0.4	0.4	30	42	52	61	68	75	0.1	19	36
									0.2	28	54
									0.3	38	72
									0.4	48	90
									0.5	57	108
	0.5	0.5	47	67	82	95	106	116	0.1	23	36
									0.2	38	54
									0.3	53	72
									0.4	68	90
									0.5	83	108
	1.0	1.0	190	267	327	378	423	463	0.1	27	36
									0.2	43	54
									0.3	59	72
									0.4	75	90
									0.5	90	108
	1.5	1.5	425	600	736	850	950	1040	0.1	38	36
									0.2	56	54
									0.3	76	72
									0.4	95	90
									0.5	113	108
2.0	2.0	755	1070	1310	1510	1690	1850	0.1	47	36	
								0.2	66	54	
								0.3	87	72	
								0.4	107	90	
								0.5	127	108	