

TWO-FLUID MINI ATOMIZE-MIST SPRAY

Air Mist Nozzles





MATERIAL

Stainless steel (standard material: JIS SUS303)

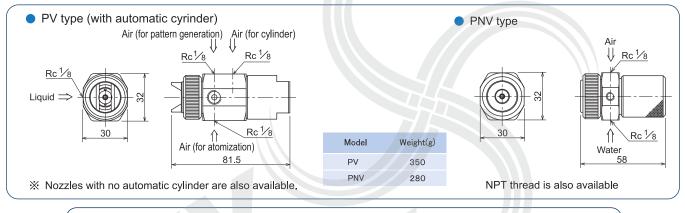
FEATURES

- · Wide range flowrate is controlled and dajustable on the value at hand.
- PV type can change spray pattern freely from fullcone to flat spray.
- No special tool required to overhaul.

APPLICATIONS

 Humidification, humidity control, spraying of deodorant, painting, cooling, sterilization dust deposition, washing, spraying of chemicals, etc.

SHAPES AND DIMENSION



AIR MIST NOZZLES

Model and Model number representing



STANDARD TYPE MODEL NUMBER LIST

Model	Model number	Minimum orifice diameter for water (mm)	Water flow rate (ℓ /min) at following water pressure (MPa)						Air pressure	Air flow rate	Air flow rate for pattern generation (ℓ /min (Nor.))
			0.01	0.02	0.03	0.04	0.05	0.06	(MPa)	(l/min(Nor.))	(PV only)
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

Note: When a PV type is used to generate a flat spray pattern, its air flow rate is determined as the sum of the air flow rate for pattern generation and the air flow rate shown above. PV type is available with spray angle (20~90°) as full cone and flat spray pattern. PNV type is available with spray angle 20° as fullcone spray pattern.

