

## Low Pressure Atomizing Snow Maker Fog Misting Nozzles



R<sub>Y</sub>

### R<sub>Y</sub> Performance data

Thread Size	Orifice Dia.	Flow rate (L/min)									Spray angle (degree)	
		1.5bar	2bar	3bar	5bar	7bar	10bar	15bar	20bar	25bar	3bar	10bar
1/4	0.3	—	—	0.05	0.06	0.07	0.08	0.10	0.12	0.14	30	45
	0.4	—	—	0.06	0.08	0.09	0.11	0.13	0.15	0.16	30	45
	0.5	—	—	0.08	0.10	0.12	0.14	0.17	0.20	0.22	45	60
	0.6	—	0.10	0.13	0.16	0.20	0.25	0.30	0.35	0.40	50	70
	0.7	0.14	0.16	0.20	0.26	0.30	0.35	0.43	0.49	0.55	50	70
	0.8	0.22	0.25	0.30	0.38	0.45	0.53	0.66	0.74	0.82	60	70
	0.9	0.29	0.33	0.40	0.50	0.60	0.71	0.86	0.99	1.10	60	70
	1.0	0.36	0.41	0.50	0.64	0.75	0.89	1.08	1.23	1.37	60	80
	1.1	0.43	0.49	0.60	0.77	0.90	1.06	1.29	1.48	1.65	60	80
	1.2	0.58	0.66	0.80	1.02	1.20	1.42	1.72	1.97	2.20	60	80
	1.3	0.72	0.82	1.00	1.28	1.50	1.77	2.15	2.47	2.74	60	80
	1.4	0.86	0.99	1.20	1.53	1.80	2.13	2.58	2.96	3.29	80	80
	1.5	1.01	1.15	1.40	1.79	2.10	2.48	3.01	3.46	3.84	80	80
	1.6	1.15	1.32	1.60	2.04	2.40	2.84	3.44	3.95	4.39	80	80
1.7	1.29	1.48	1.80	2.20	2.69	3.19	3.87	4.44	4.94	80	80	
1.8	1.45	1.70	2.08	2.40	3.02	3.65	4.25	4.98	5.50	80	80	

- Material: 304 or 316 SS or brass
- Thread size: 9/16" or 1/4" ' '
- Working pressure 3~35bar
- Precisely machined swirl cores structure to produce very fine mist droplets.
- Compact size, wide variety of flow rates.
- Widely used for oil burning, humidifying, fog cannon, snow maker, etc.
- This series of nozzles does not need air supply,
- The system is simple; the spray mist is fine, full atomization, energy saving,
- Liquid requirements: There will be residual impurities in the liquid under high pressure, and a filter must be installed to achieve a purity similar to that of household drinking water.

#### General Application

- Snow making
- Oil Burning
- Humidification
- Fog cannon
- Liquid spraying
- Flue gas evaporating cooling
- Artificial fog