

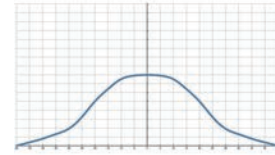
PF Low pressure and wide angle plastic flat fan flood nozzle



【 Top view of nozzle spray pattern 】



【 Flow distribution 】



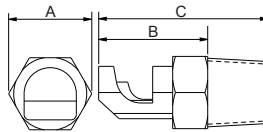
- Recommended working pressure: 1.5 kgf/cm²
- Flowrate tolerance: ± 10% @ 1.5 ± 0.1 kgf/cm²
- Angle tolerance: ± 10° @ 1.5 ± 0.1 kgf/cm²

Features

- The spray pattern is fan type, and the spray shape is single-line.
- Low-pressure wide-angle nozzle realizes a large angle coverage under 1.5kgf/cm² pressure, which is lower than standard fan type 3kgf/cm² operating pressure and is more suitable for low-pressure working environment.
- Spray the nozzle at an angle of 75° with respect to the axis of the nozzle. Check that the environment is suitable.
- The hooked nozzle tip is designed to reflect the water into a fan shape nozzle and greaten particle passage to prevent clogging.
- Operation pressure is greater than 4kgf/cm² may cause the liquid to overflow without fogging.

Applications

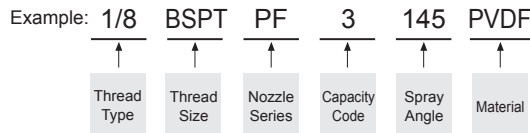
- Cleaning: Conveyor belt, film, copper, paper, glass, All kinds of plates, filters, dust and debris, machine tool cleaning.
- Cooling: Conveyor belts, tanks, machinery, metal, roofs, etc.
- Dispersion: Humidifying, Chemicals, Water Curtain (fire, dust, deodorization, etc.), defoaming, etc.



Appearance dimensions may vary depending on model, material. Please ask for details.

Material	Serie	Unit (mm)			Thread Type	Weight (g)	
		A	B	C		PVDF	PP
Plastic	1/8PF	10	15	23	1/8M	1.6	0.8
	1/4PF	14	17	28	1/4M	4.8	2.4

How to place an order for LORRIC nozzles?



※ Standard Pressure: Column in red.

Material

- Plastic: PP, PVDF

Spray Angle	Capacity Code	Thread Size		Capacity at Pressure									Average particle size (um)	Min. Free Passage (mm)	Filter mesh
		1/8	1/4	0.5 kgf/cm ²	0.7 kgf/cm ²	1 kgf/cm ²	1.5 kgf/cm ²	2 kgf/cm ²	2.5 kgf/cm ²	3 kgf/cm ²	4 kgf/cm ²	6 kgf/cm ²			
-	0.5	V		0.16	0.19	0.23	0.28	0.32	0.36	0.40	0.46	0.56	150	0.5	100
	0.75	V		0.24	0.29	0.34	0.42	0.48	0.54	0.59	0.69	0.84	-	0.7	50
145°	1	V		0.32	0.38	0.46	0.56	0.65	0.72	0.79	0.91	1.12	-	0.8	50
-	1.25	V		0.40	0.48	0.57	0.70	0.81	0.90	0.99	1.14	1.40	-	0.8	50
	1.5	V		0.48	0.57	0.69	0.84	0.97	1.08	1.19	1.37	1.68	-	0.8	50
160°	1.75	V		0.57	0.67	0.80	0.98	1.13	1.27	1.39	1.60	1.96	-	1	-
-	2	V	V	0.65	0.77	0.91	1.12	1.29	1.45	1.58	1.83	2.24	200	1.1	-
	2.5	V	V	0.81	0.96	1.14	1.40	1.62	1.81	1.98	2.29	2.80	-	1.3	-
145°	3	V	V	0.97	1.15	1.37	1.68	1.94	2.17	2.38	2.74	3.36	-	1.4	-
	4	V	V	1.29	1.53	1.83	2.24	2.59	2.89	3.17	3.66	4.48	-	1.7	-
	5	V	V	1.62	1.91	2.29	2.80	3.23	3.61	3.96	4.57	5.60	-	1.7	-
	6	V	V	1.94	2.30	2.74	3.36	3.88	4.34	4.75	5.49	6.72	-	2	-
	7	V	V	2.26	2.68	3.20	3.92	4.53	5.06	5.54	6.40	7.84	350	2.2	-
	7.5	V	V	2.42	2.87	3.43	4.20	4.85	5.42	5.94	6.86	8.40	-	2.3	-
	8	V	V	2.59	3.06	3.66	4.48	5.17	5.78	6.34	7.32	8.96	-	2.4	-
	9	V	V	2.91	3.44	4.12	5.04	5.82	6.51	7.13	8.23	10.08	-	2.5	-
	10	V	V	3.23	3.83	4.57	5.60	6.47	7.23	7.92	9.14	11.20	-	2.6	-
	12.5	V	V	4.04	4.78	5.72	7.00	8.08	9.04	9.90	11.43	14.00	-	2.9	-
-	15	V	V	4.85	5.74	6.86	8.40	9.70	10.84	11.88	13.72	16.80	-	3.3	-
	20	V	V	6.47	7.65	9.14	11.20	12.93	14.46	15.84	18.29	22.40	410	3.5	-

※ For MPa / bar / psi units, please refer to LORRIC.com.