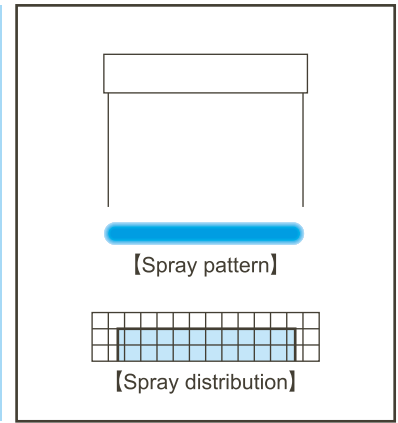


Features

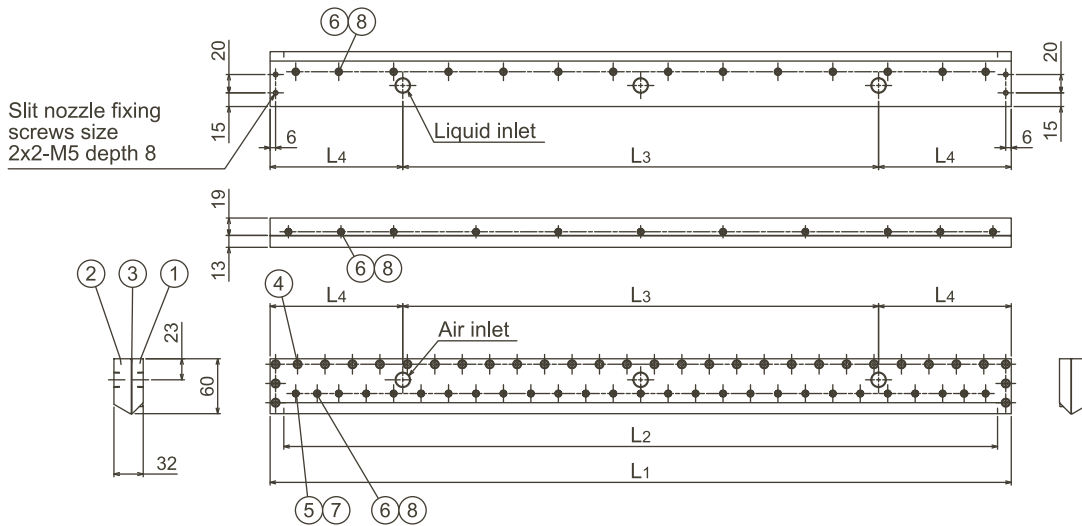
- New pneumatic slit-laminar nozzle provides uniform spray distribution with high impact, which ensures perfect and complete cleaning, leaving no spot unwashed.
- PSN series can be used at a short spray distance.



Applications

- Cleaning: Glass substrate, liquid crystal
- Cooling: Steel plates, moldings
- Moisture control: Paper, cardboard

Structure & Materials



Components and materials

No.	Components	Standard materials
①	Body (Air inlet side)	S304
②	Body (Liquid inlet side)	S304
③	Packing	PE
④	Bolt (M5x12)	S304
⑤	Bolt (M4x8)	S304
⑥	Bolt (M4x10)	S304
⑦	O-ring (P-4)	FKM
⑧	O-ring	FKM

Dimensions & Pipe Connection Sizes

Nozzle code		Number of inlet - Inlet thread size		L1* (mm)	L2 (mm)	L3 (mm)	L4 (mm)	Mass (kg)
Slit length L2 (mm)	Slit opening (mm)	Air	Liquid					
460	0.05	2 - Rc3/8	2 - Rc3/8	490	460	230	130	5.6
600		3 - Rc3/8	3 - Rc3/8	630	600	400	115	7.2
700	0.15	3 - Rc3/8	3 - Rc3/8	730	700	460	135	8.4
780		3 - Rc3/8	3 - Rc3/8	810	780	520	145	9.3
1200		5 - Rc3/8	5 - Rc3/8	1,230	1,200	960	135	14.0

*Total length L1 available from 250 to 3,950 mm.

Flow-rate Diagrams

How to read the chart

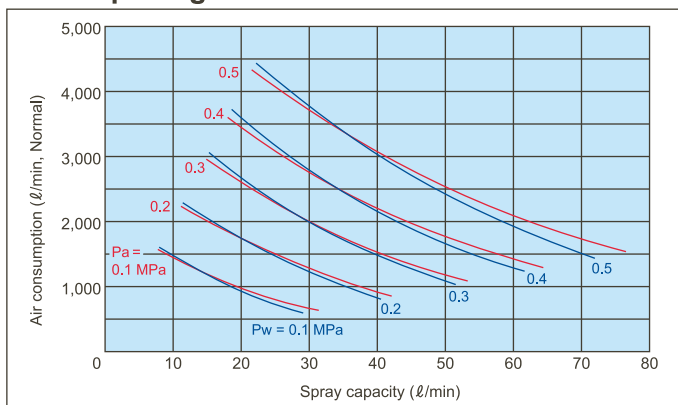
- The air consumption and spray capacity shown are for one nozzle per 1,000 mm of slit length.
- Red lines (—)** represent compressed air pressures P_a in MPa.
Blue lines (—) represent liquid pressures P_w in MPa.

Air consumption and spray capacity are proportionate to slit length.

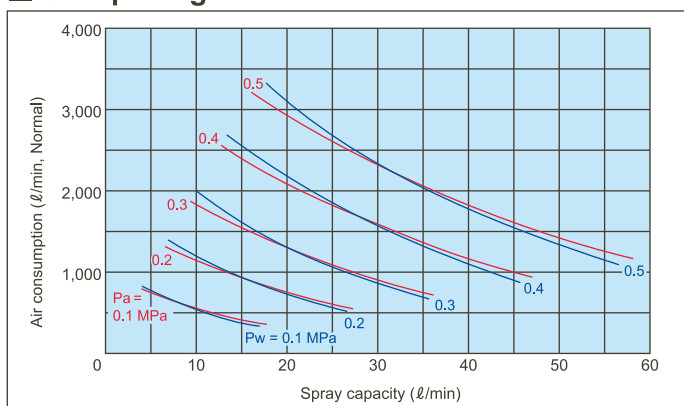
To calculate the air consumption and spray capacity for slit length longer/shorter than 1,000 mm, multiply in proportion to this length.

(Example: when the slit length is 700 mm, multiply the amount for 1,000 mm x 0.7)

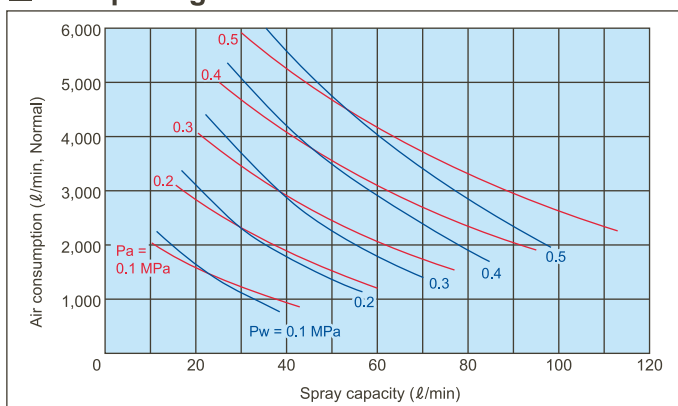
Slit opening: 0.1 mm



Slit opening: 0.05 mm



Slit opening: 0.15 mm



How to order

Please inquire or order for a specific nozzle using this coding system.

<Example> 2 x 3 - 3/8F PSN 700 x 0.05 S304

2	x	3	-	3/8F PSN	700	x	0.05	S304
		Number of inlets			Slit length		Slit opening	
		■ 2			■ 460		■ 0.05	
		■ 3			■ 600		■ 0.1	
		■ 5			■ 700		■ 0.15	
					■ 780			
					■ 1200			

Please feel free to send us an inquiry if you need a different slit length.