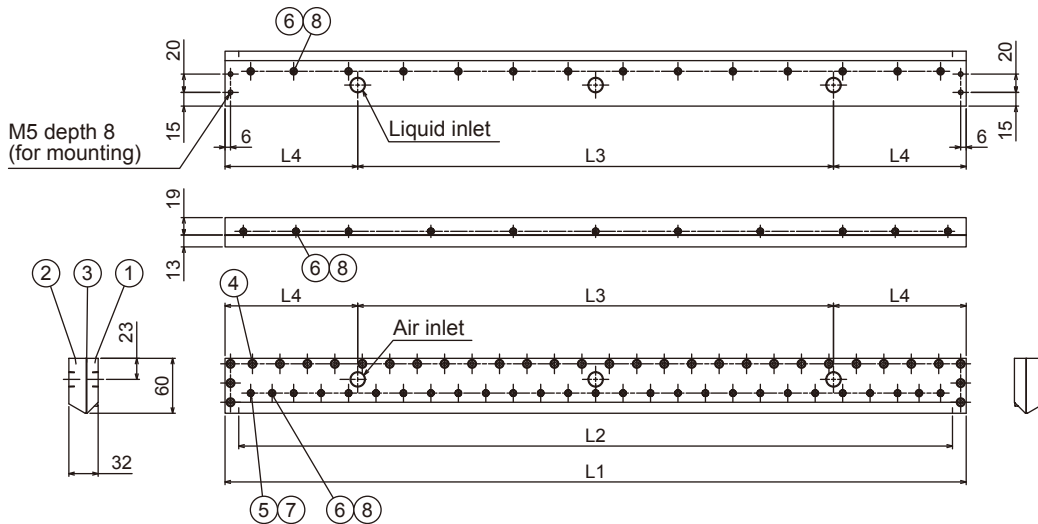


- Pneumatic slit-laminar nozzle with high spray impact.
- Uniform spray distribution throughout the entire spray pattern area allows for a complete cleaning with no spot unwashed.
- PSN series can be used at a short spray distance.

APPLICATIONS

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

DRAWING



COMPONENTS AND MATERIALS

No.	Components	Standard materials
1	Nozzle body (Air inlet side)	S304
2	Nozzle body (Liquid inlet side)	S304
3	Packing	PE
4	Bolt (M5x12)	S304 equivalent
5	Bolt (M4x8)	S304 equivalent
6	Bolt (M4x10)	S304 equivalent
7	O-ring (P4)	FKM
8	O-ring	FKM

Unit: mm

DIMENSIONS

Nozzle code		Number of inlets - Inlet thread size		L1*1 (mm)	L2 (mm)	L3 (mm)	L4 (mm)	Weight (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

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

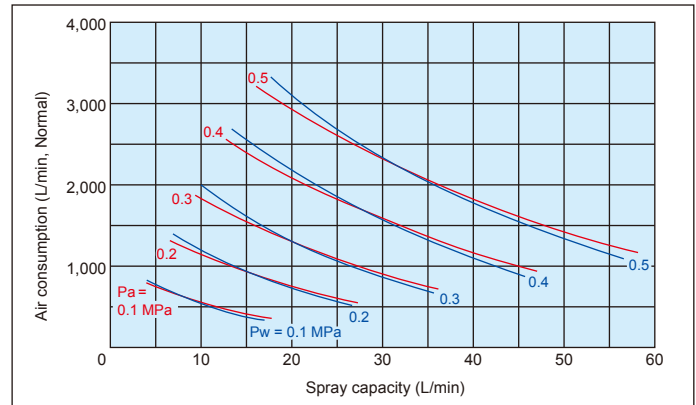
FLOW-RATE DIAGRAMS

■ How to read the chart

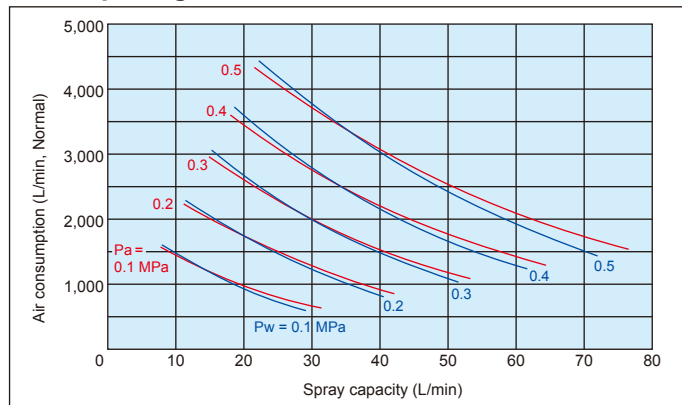
1. The air consumption and spray capacity shown are for one nozzle per 1,000 mm of slit length.
2. **Red lines** (—) represent compressed air pressures P_a in MPa.
Blue lines (—) represent liquid pressures P_w in MPa.

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)

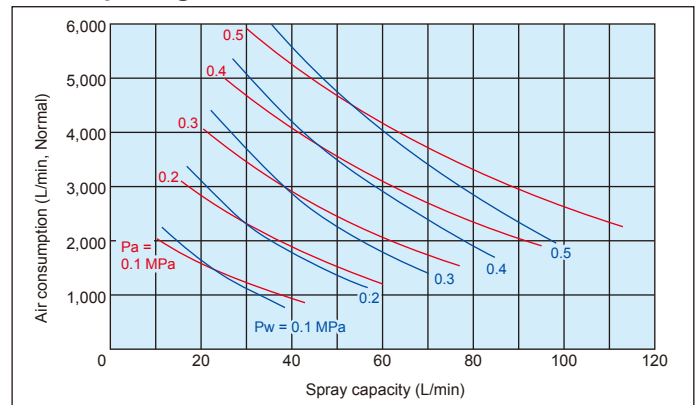
■ Slit opening: 0.05 mm



■ Slit opening: 0.1 mm



■ Slit opening: 0.15 mm



PSN

HOW TO ORDER

Total length can be tailored to your needs within the customizable range (see *1 on the previous page). Inquiry drawing forms is available to verify dimensional specifications. Contact us for details.