

Slit Laminar Nozzles (Air Curtain)

SLNB series

For blowers

Stainless Steel

FEATURES

- Pressure loss is minimal to enable high spray impact performance. Long thin slit with tapered nose is suitable for installation in a narrow space such as between support rolls.
- Drastic energy saving is achieved by switching from compressor-using type.

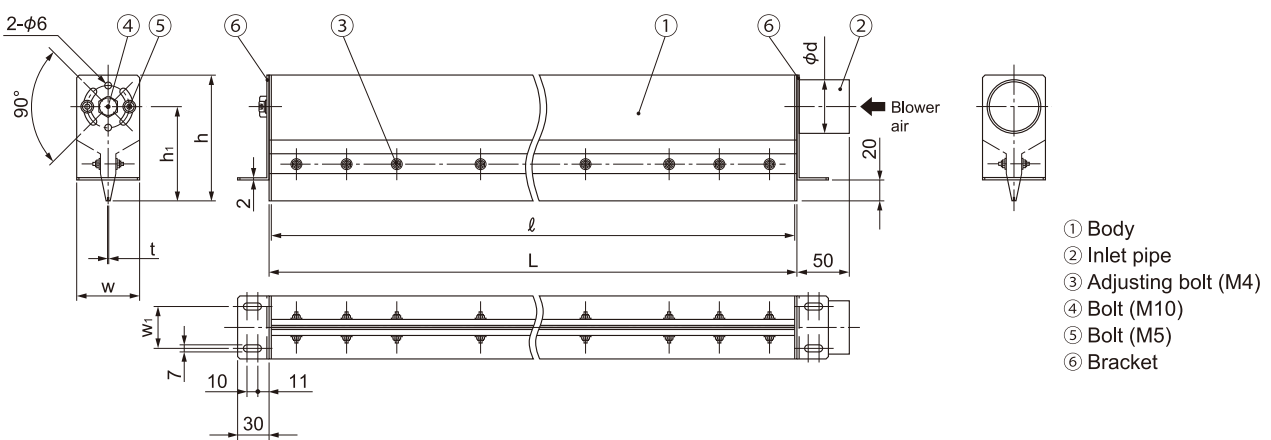
Flat Type

[Spray pattern]



Material: S304

DIMENSIONS



Air inlet type	Slit length l (mm)	Slit opening t (mm)	Outer dimensions (mm)						Mass (kg)
			ϕd	L	h	h_1	w	w_1	
D38	400	0.5	38.0	404	105	80	50	30	1.9
	600			604					2.7
	800			804					3.5
	1,000			1,004					4.3
D50	1,200	1.0	50.8	1,204	120	90	60	40	5.9
D38	400		38.0	404	105	80	50	30	1.9
	600		50.8	604	120	90	60	40	3.2
	800		50.8	804	120	90	60	40	4.1
D65	1,000	1.0	63.5	1,004	140	102.5	75	50	6.2
	1,200			1,204					7.4

[Note] Appearance and dimensions may differ slightly depending on materials and nozzle codes.

Slit length x Slit opening		Blowing air volume (air consumption) [m ³ /min, Normal]					
		5kPa	10kPa	15kPa	20kPa	25kPa	30kPa
400	×0.5	0.97	1.60	2.01	2.58	3.01	3.40
600		1.45	2.39	3.18	3.87	4.51	5.10
800		1.94	3.19	4.24	5.17	6.01	6.80
1000		2.42	3.99	5.30	6.46	7.52	8.50
1200		2.91	4.79	6.36	7.75	9.02	10.20
400	×1.0	1.91	2.81	3.52	4.13	4.67	5.16
600		2.87	4.22	5.28	6.19	7.00	7.74
800		3.82	5.62	7.04	8.23	9.34	10.33
1000		4.78	7.03	8.80	10.32	11.67	12.91
1200		5.73	8.43	10.56	12.39	14.01	15.49

How to order

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

<Example> D65 SLNB 1200×1.0 S304-S-A

D65 SLNB 1200 × 1.0 S304-S-A

Air inlet type

- D38
- D50
- D65

Slit length

- 400
- 600
- 800
- 1000
- 1200

Slit opening

- 0.5
- 1.0