

- Long flat air booster nozzle suitable for installation in confined spaces.
- The unique design creates a uniform and efficient air flow distribution.
- It produces a powerful, high impact air stream, while saving energy.
- Low noise level.
- Available in 13 different sizes covering a blow range from 100 to 1,400 mm in length. Starting at 500 mm in length there is an option for one or two inlets, one on each end.



Material
S304



Max. temperature
400°C (750°F)



Weight
360–13,800 g



Noise level
84 dBA or more at 0.3 MPa



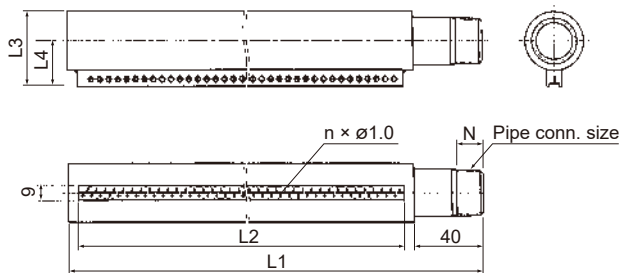
Max. operating pressure
1.0 MPa (140 psi)



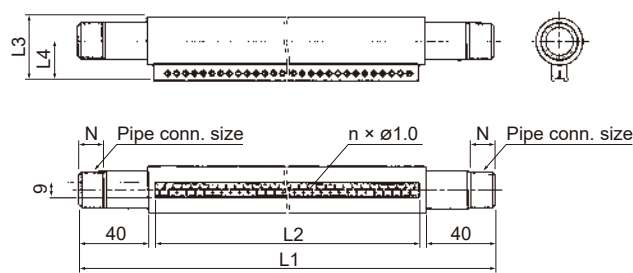
Air consumption
1,150–15,100 L/min, Normal at 0.3 MPa

Drawing

Single inlet version (Connection at one end)



Dual inlet version (Connections at both ends)



Dimensions and weight

Orifice code	Blowing width (mm)	Number of orifices [n]	Pipe conn. size	Outer dimensions (mm)					Weight (g)
				L1	L2	L3	L4	N	
100- 40-010	100	40	R1/2	156	106	37	23	14	360
150- 58-010	150	58		203	152	37	23	14	500
200- 78-010	200	78		254	203	37	23	14	640
300-118-010	300	118		357	306	37	23	14	850
400-156-010	400	156		455	404	37	23	14	1,100
500-196-010	500	196	R3/4	557	507	44	27	15	2,000
600-234-010	600	234		655	605	44	27	15	2,400
700-274-010	700	274		758	707	44	27	15	2,800
800-312-010	800	312		856	805	52	31	18	4,600
900-352-010	900	352		959	908	52	31	18	5,100
1000-390-010	1,000	390	R1	1,056	1,006	52	31	18	5,600
1200-468-010	1,200	468		1,257	1,206	52	31	18	6,700
1400-546-010	1,400	546		R1½	1,457	1,407	70	40	20

Dimensions and weight

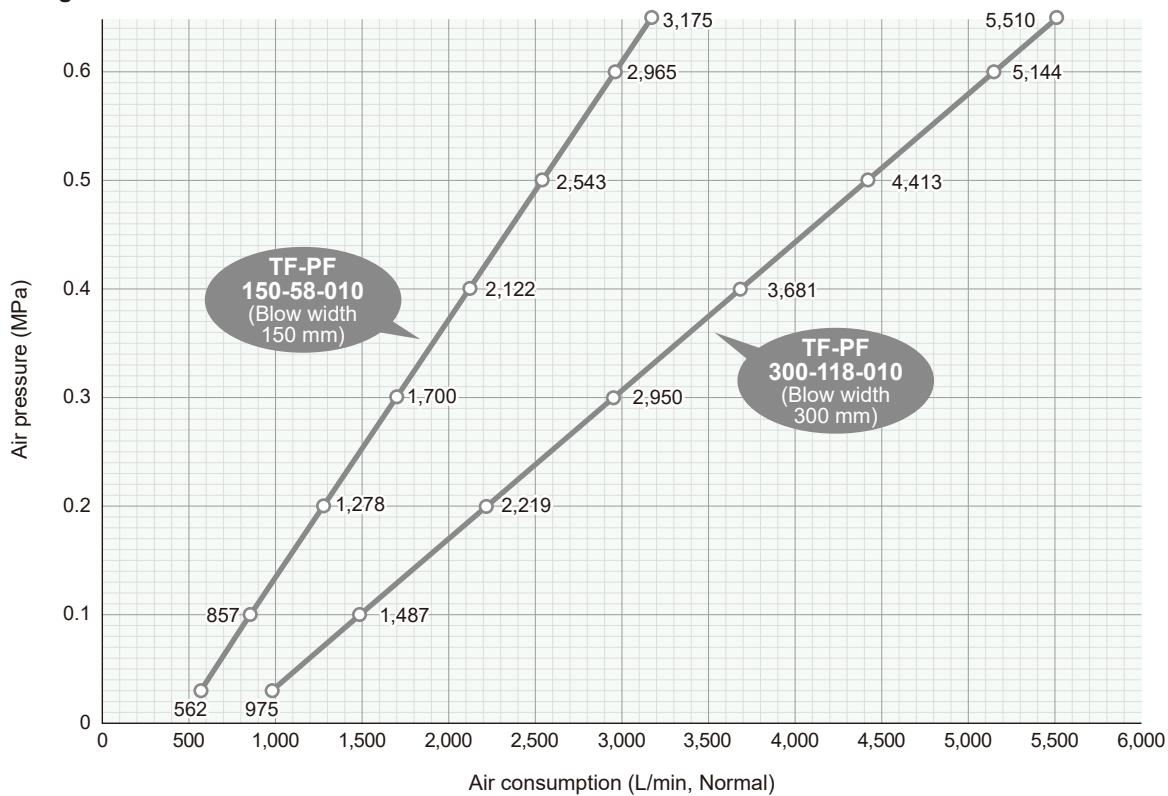
Orifice code	Blowing width (mm)	Number of orifices [n]	Pipe conn. size*	Outer dimensions (mm)					Weight (g)
				L1	L2	L3	L4	N	
500-196-010	500	196	2- R1/2	597	507	37	23	14	1,750
600-234-010	600	234		695	605	37	23	14	2,050
700-274-010	700	274		798	707	37	23	14	2,400
800-312-010	800	312	2- R3/4	896	805	44	27	15	3,250
900-352-010	900	352		999	908	44	27	15	3,650
1000-390-010	1,000	390		1,096	1,006	44	27	15	4,000
1200-468-010	1,200	468	2-R1	1,297	1,206	44	27	15	4,750
1400-546-010	1,400	546		1,497	1,407	52	31	18	8,800

*The number "2-" in front of the connection size indicates the dual inlet version.

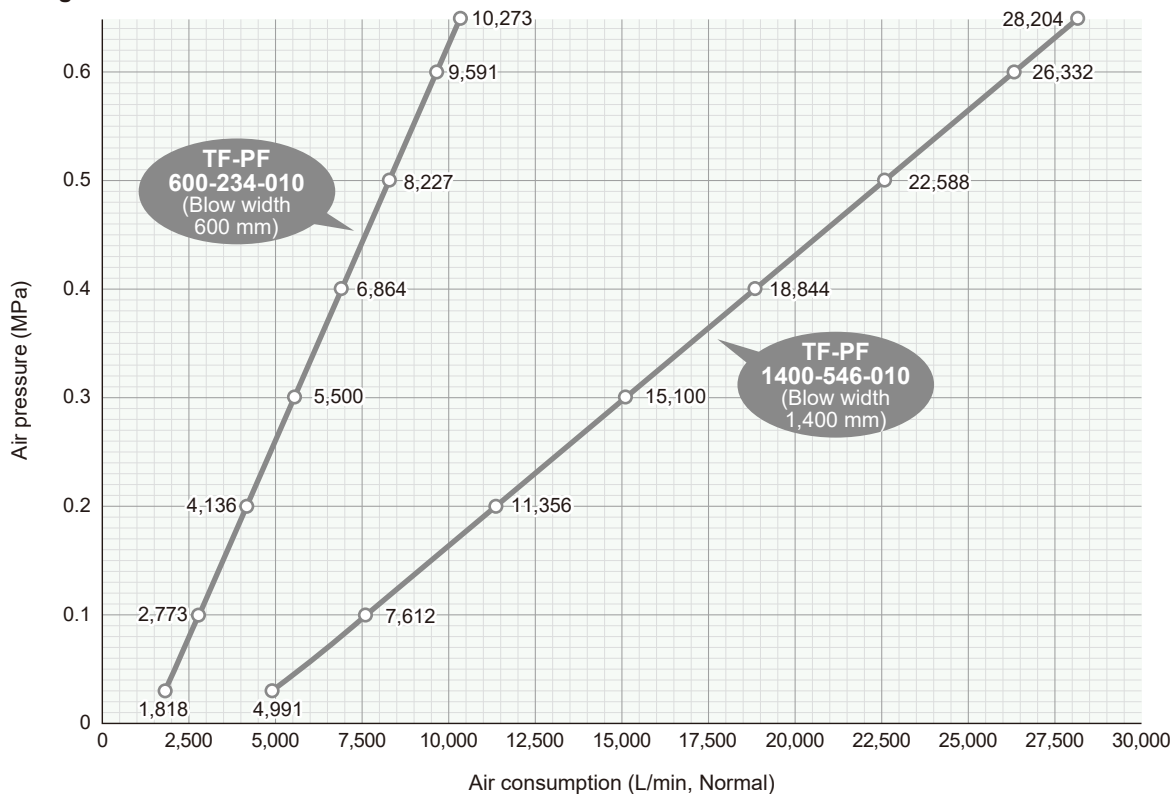
L1 = Total length
L2 = Length of nozzle tip

Air Consumption

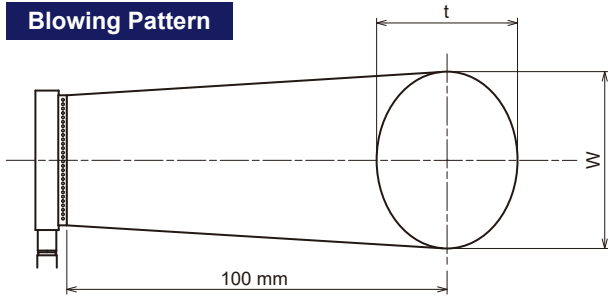
■ **Single Inlet Version** Contact us for the other models.



■ **Single/Dual Inlet Version** Contact us for the other models.



Blowing Pattern



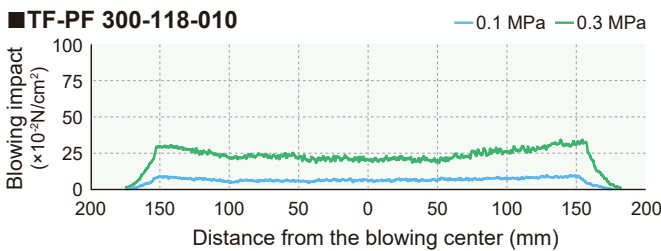
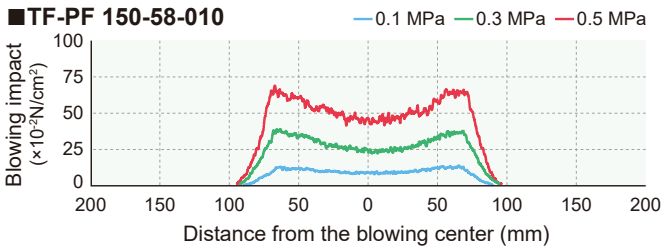
Orifice code	Blowing width W (mm)			Thickness t (mm)		
	0.1 MPa	0.3 MPa	0.5 MPa	0.1 MPa	0.3 MPa	0.5 MPa
150-58-010	150	155	160	50	50	50
300-118-010	305	310	315	50	50	50
600-234-010	600	605	610	50	50	50

Noise Level at a distance of 1,000 mm

Background noise: 46 dBA

Orifice code	Pressure (MPa)	Noise level (dBA)	Orifice code	Pressure (MPa)	Noise level (dBA)	Orifice code	Pressure (MPa)	Noise level (dBA)
150-58-010	0.1	76	300-118-010	0.1	79	600-234-010	0.1	81
	0.3	84		0.3	85		0.3	90
	0.5	90		0.5	91			

Blowing Impact Distribution at 100 mm below the nozzle orifice



HOW TO ORDER

Please inquire or order for a specific nozzle using this coding system.
See Page 26 for the pipe connection size and orifice code.

<Example> 3/4M TF-PF 500-196-010 S304
3/4M TF-PF 500-196-010 S304

Pipe Conn. Size*

Orifice Code

**M" indicates male thread ("R" of the ISO standard) and "F" indicates female thread ("Rc" of the ISO standard), e.g. 3/4M = R3/4.