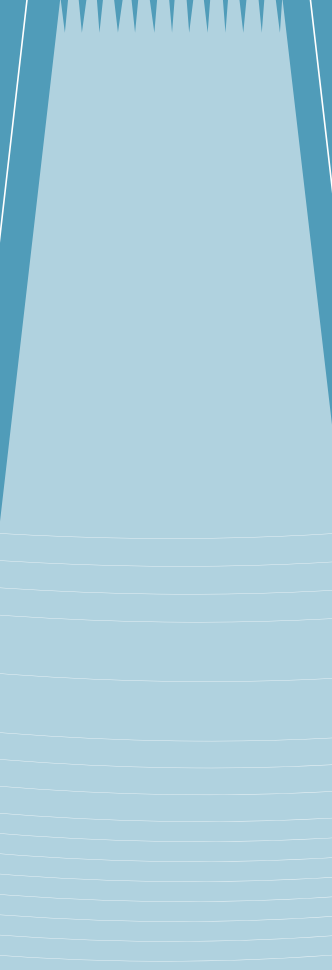
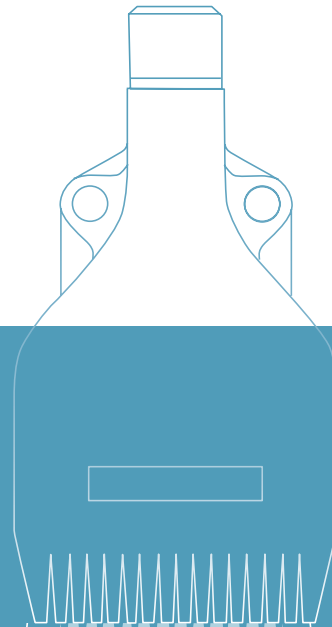
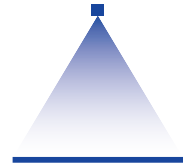


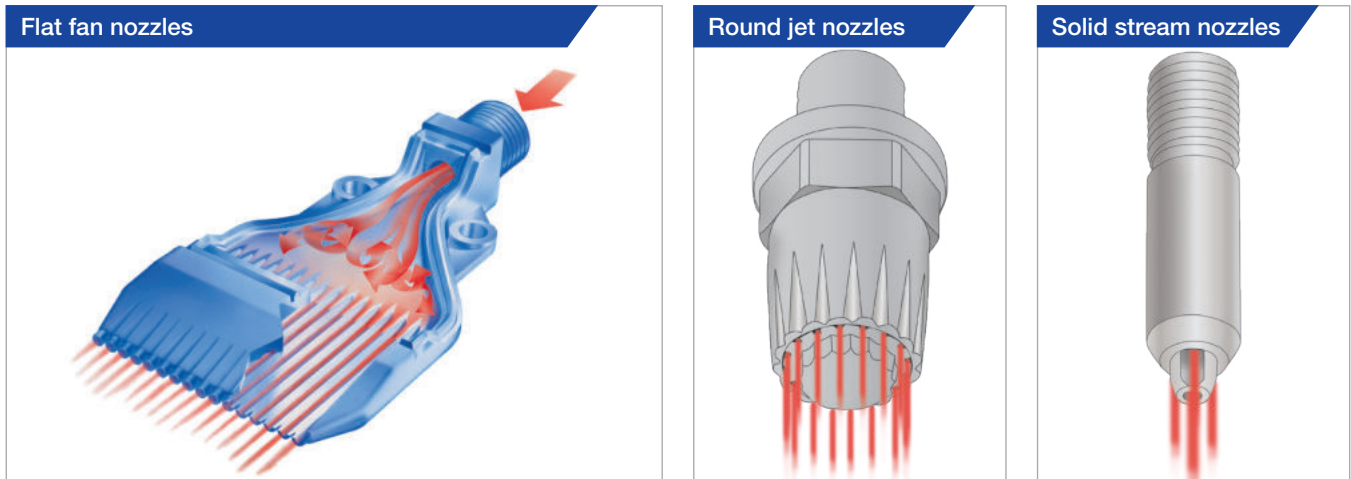
➤➤ AIR NOZZLES



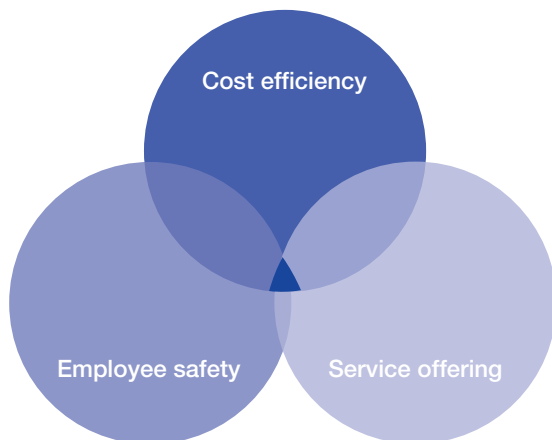
» AIR NOZZLES GENERAL INFORMATION



Compressed air is an indispensable tool in many areas for drying, cooling, cleaning, conveying, blowing off and much more. Lechler air nozzles make all this possible – with the highest level of precision at extraordinarily favorable conditions.



The three advantages of Lechler air nozzles for you



Cost efficiency

Lechler nozzles make it possible to reduce compressed air consumption by up to 45% compared to open pipes. As a result of increasing energy costs and the growing range of compressed air applications, it is not surprising that there are extremely high potential savings in this area. An advantage that will have direct positive impact on your business.

Employee safety

The unique design of our nozzles allows noise levels to be verifiably reduced by up to 25% compared to conventional solutions – thus also reducing noise-related stress for your employees. Noise levels have been confirmed to reduce concentration resulting in increased levels of stress. The use of low-noise nozzles has a positive effect on employee wellbeing and production quality.

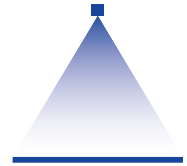
Service offering









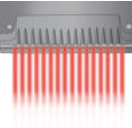
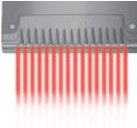
A perfect solution must be optimally tailored to your local requirements. We will, therefore, gladly advise you in person about the use of air nozzles and introduce you to new possibilities. Contact us and let us help you come up with the best possible solution for improved quality and optimized process reliability.

Good to know

Detailed information can be found in our brochure "Air nozzles" as well as at www.lechler.com/de-en/airnozzles.





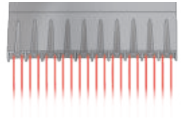
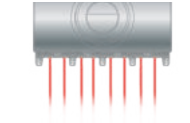


AIR NOZZLES OVERVIEW OF SERIES







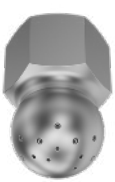


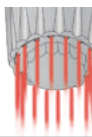


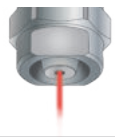
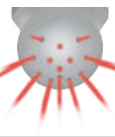


		Flat fan nozzles				
						
Series		600.130.56/S2	600.484.56	600.130.1Y	600.283.42	600.606.42
Information on page		271	272	273	274	274
Spray pattern		Multi-channel flat fan 	Multi-channel flat fan 	Multi-channel flat fan 	Multi-channel flat fan 	Multi-channel flat fan 
	Nozzle material	Plastic	●	●		
Nozzle material	Stainless steel			●		
	Brass					
	Zinc					
	Aluminum				●	●
Air consumption	At 30 psi	9.4 SCFM	4.7 SCFM	7.1 SCFM	10.6 SCFM	7.1 SCFM
Nozzle connection		1/4 BSPP 1/4 NPT	1/4 BSPP 1/4 NPT M12 x 1.25 Quick-release coupling size 5	1/4 BSPP 1/4 NPT	1/4 BSPP 1/4 NPT	1/4 BSPP 1/4 NPT
Maximum pressure		87 psi	87 psi	145 psi	145 psi	145 psi
Maximum temperature		PP natural: 140°F POM: 122°F	122°F	1022°F	392°F	392°F
Noise level	At 30 psi	70 dB(A)	65 dB(A)	70 dB(A)	76 dB(A)	68.5 dB(A)
Blowing force	At 30 psi	0.4 LBF	0.2 LBF	0.4 LBF	0.5 LBF	0.3 LBF

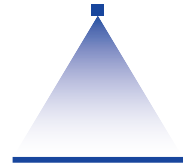


Flat fan nozzles

					
Series		600.493.1Y	600.562.1Y	679	686
Information on page		275	276	277	279
Spray pattern		Multi-channel flat fan 	Multi-channel flat fan 	Flat fan slotted nozzle 	Flat fan tongue-type nozzle 
Nozzle material	Plastic				
	Stainless steel	•	•	•	•
	Brass			•	•
	Zinc				
	Aluminum				
Air consumption	At 30 psi	17.7 SCFM	5.3 SCFM	1.8–18.2 SCFM	1.2–9.4 SCFM
Nozzle connection		1/4 BSPP 1/4 NPT	1/8 BSPP 1/8 NPT	Assembly with retaining nut 3/8 BSPP	1/8 BSPT 1/8 NPT
Maximum pressure		435 psi	435 psi	145 psi	435 psi
Maximum temperature		1022°F	122°F	1022°F (stainless steel) 434°F (brass)	1022°F (stainless steel) 434°F (brass)
Noise level	At 30 psi	78 dB(A)	71 dB(A)	67–92 dB(A)	73–84 dB(A)
Blowing force	At 30 psi	0.9 LBF	0.3 LBF		

Round jet nozzles					Solid stream nozzle/Multiple solid stream nozzle	
						
600.326.5K	600.725.5K	600.326.3W	600.388.30	600.625.1Y	544	540/541
281	281	282	283	284	285	286
Multi-channel round jet	Multi-channel round jet	Multi-channel round jet	Multi-channel round jet	Multi-channel round jet	Solid stream	Multiple solid stream
						
•	•		•			
			•	•	•	•
		•				
8.8 SCFM	18.8 SCFM	8.8 SCFM	4.7 SCFM	1.2 SCFM	0.6-9.4 SCFM	20-147.7 SCFM
1/8 BSPP 1/4 BSPP 1/8 NPT 1/4 NPT M12 x 1.25	1/4 BSPP 1/4 NPT	1/4 BSPP 1/4 NPT M12 x 1.25	1/8 BSPP 1/8 NPT M12 x 1.25	M4 x 0.5 M5 x 0.5	1/8 BSPT 1/4 BSPT	1/2 BSPP 1/2 NPT
87 psi	87 psi	145 psi	145 psi	73 psi	435 psi	145 psi
122°F	122°F	194°F	122°F	1022°F	1022°F	1022°F
74 dB(A)	96 dB(A)	79 dB(A)	77 dB(A)	63-70 dB(A)	65-90 dB(A)	
0.5 LBF	0.9 LBF	0.5 LBF	0.2 LBF	0.1-0.2 LBF	0.1-0.7 LBF	

Multi-channel flat fan nozzles for air "Whisperblast", plastic version Series 600.130.56/S2



Features:

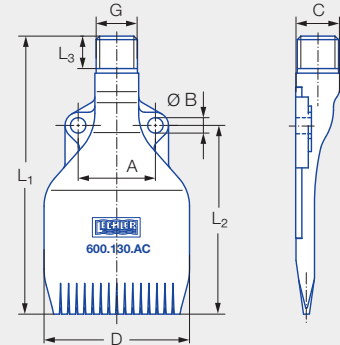
- Laminar, powerful air stream
- Low noise level (also at higher levels of pressure)

Applications:

- Blowing off and out
- Cleaning
- Drying
- Cooling
- Transporting



Series 600.130.56/S2

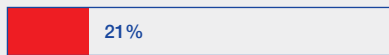


¹ Meets OSHA specifications in terms of noise level.

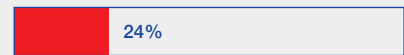
Cost savings and noise reduction



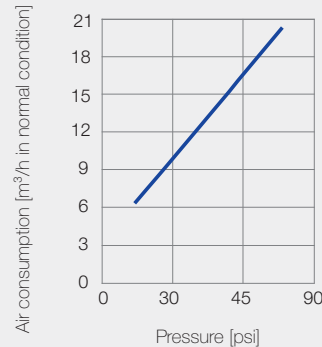
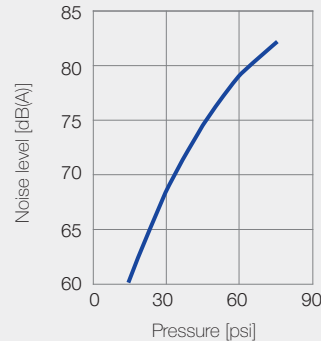
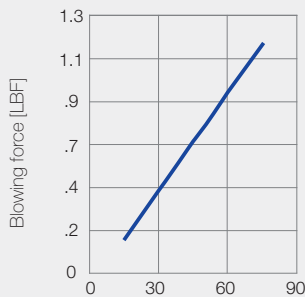
Cost savings



Noise reduction



Technical data



Connection	G	Dimensions [in]							Weight [lbs]
		A	C	D	L ₁	L ₂	L ₃	Ø B	
AC	1/4 BSPP	0.98	0.56	1.85	3.54	2.40	0.41	0.20	0.04
BC	1/4 NPT	0.98	0.56	1.85	3.54	2.40	0.41	0.20	0.04

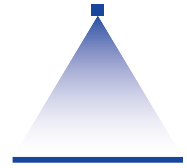
Ordering number				
Type	Material number		Connection	
	56	S2	1/4 BSPP	1/4 NPT
	POM	PP natural		
600.130	●	●	AC	BC

Ordering Type + Material no. + Code = Ordering no.
example: 600.130 + 56 + BC = 600.130.56.BC



Assembly accessories can be found in Chapter 12 "Accessories".

Multi-channel flat fan nozzles for air "Whisperblast", plastic version Series 600.484.56

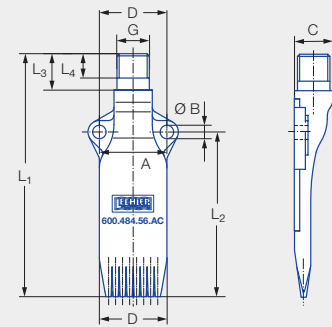


Features:

- Compact, powerful air stream
- Low noise level (also at higher levels of pressure)
- Narrow design

Applications:

- Blowing off and out
- Cleaning
- Drying
- Cooling
- Transporting



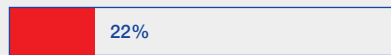
Series 600.484.56

¹ Meets OSHA specifications in terms of noise level.

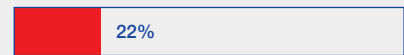
Cost savings and noise reduction



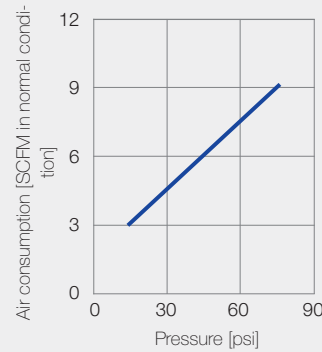
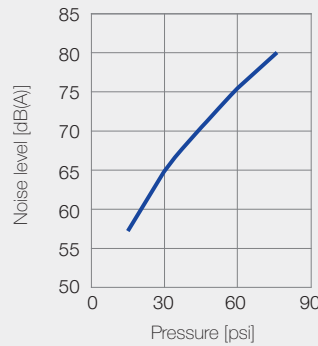
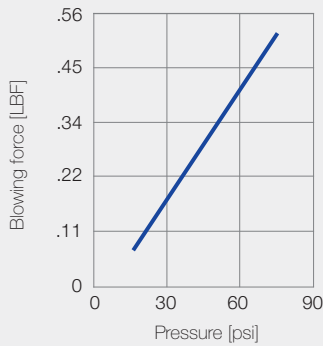
Cost savings



Noise reduction



Technical data



Connection	G	Dimensions [in]								Weight [lbs]
		A	C	D	L ₁	L ₂	L ₃	L ₄	Ø B	
AC	1/4 BSPP	0.98	0.56	0.98	3.54	2.40	0.53	0.35	0.20	0.04
BC	1/4 NPT	0.98	0.56	0.98	3.54	2.40	0.53	0.35	0.20	0.04
HG	M12 x 1.25	0.98	0.56	0.98	3.54	2.40	0.53	0.35	0.20	0.04
00	Quick-release coupling size 5	0.98	0.56	0.98	3.54	2.40	0.53	-	0.20	0.04

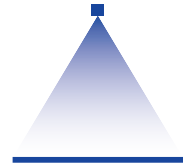
Ordering number					
Type	Material number	Connection			
	56	1/4 BSPP	1/4 NPT	M12 x 1.25	Quick-release coupling size 5
600.484	●	AC	BC	HG	00

Ordering Type + Material no. + Code = Ordering no.
example: 600.484 + 56 + BC = 600.484.56.BC



Assembly accessories can be found in Chapter 12 "Accessories".

Multi-channel flat fan nozzles for air "Whisperblast", stainless steel version Series 600.130.1Y



Features:

- Laminar, powerful air stream
- Low noise level (also at higher levels of pressure)
- For the highest demands

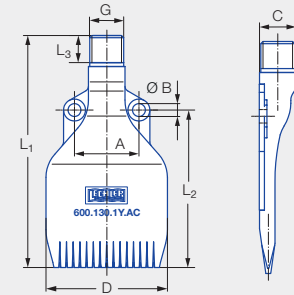
Applications:

- Blowing off and out
- Cleaning
- Drying
- Cooling
- Transporting



OSHA¹

FDA



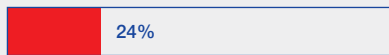
Series 600.130.1Y

¹ Meets OSHA specifications in terms of noise level.

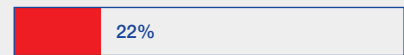
Cost savings and noise reduction



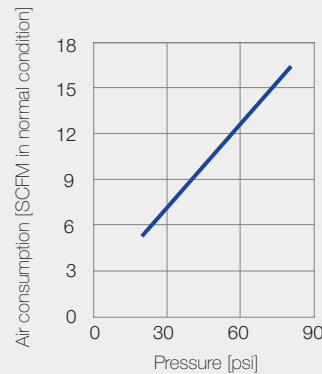
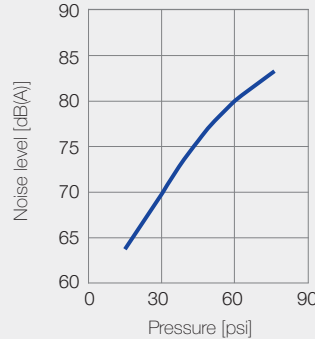
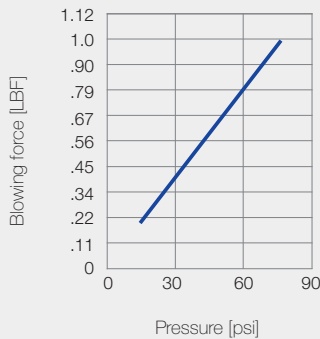
Cost savings



Noise reduction



Technical data



Connection	G	Dimensions [in]							Weight [lbs]
		A	C	D	L ₁	L ₂	L ₃	Ø B	
AC	1/4 BSPP	0.87	0.51	1.65	3.19	2.09	0.41	0.16	0.22
BC	1/4 NPT	0.87	0.51	1.65	3.19	2.09	0.41	0.16	0.22

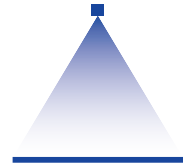
Ordering number			
Type	Material number	Connection	
	1Y	1/4 BSPP	1/4 NPT
600.130	Stainless steel 316L		
	●	AC	BC

Ordering Type + Material no. + Code = Ordering no.
example: 600.130 + 1Y + BC = 600.130.1Y.BC



Assembly accessories can be found in Chapter 12 "Accessories".

Multi-channel flat fan nozzles for air “Whisperblast”, metal version Series 600.283.42/600.606.42

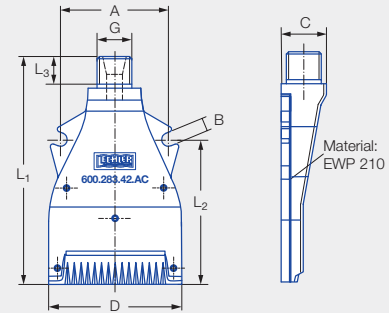


Features:

- Laminar, powerful air stream
- High blowing force
- For high thermal and mechanical requirements

Applications:

- Blowing off and out
- Cleaning
- Drying
- Cooling
- Transporting



Series
600.283.42/600.606.42

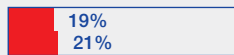
¹ Meets OSHA specifications in terms of noise level.

Cost savings and noise reduction

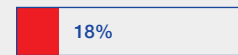
Series 600.283/
Series 600.606



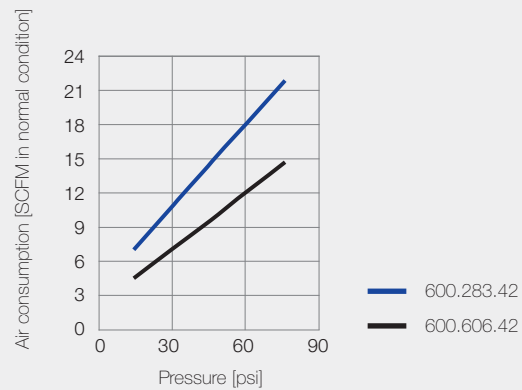
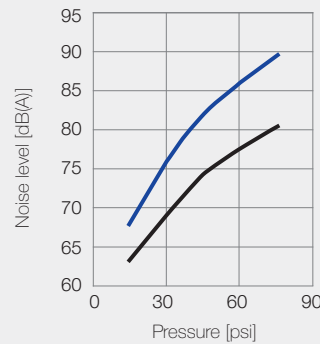
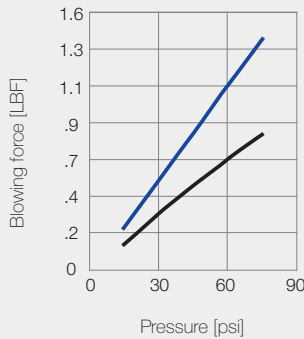
Cost savings



Noise reduction



Technical data



Connection	G	Dimensions [in]							Weight [lbs]
		A	B	C	D	L ₁	L ₂	L ₃	
AC	1/4 BSPP	1.61	0.20	0.67	2.01	3.41	2.17	.41	0.13
BC	1/4 NPT	1.61	0.20	0.67	2.01	3.41	2.17	.41	0.13

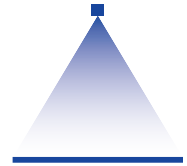
Ordering number			
Type	Material number	Connection	
	42	1/4 BSPP	1/4 NPT
	Aluminum		
600.283	●	AC	BC
600.606	●	AC	

Ordering example: Type 600.283 + Material no. 42 + Code BC = Ordering no. 600.283.42.BC



Assembly accessories can be found in Chapter 12 “Accessories”.

Multi-channel flat fan nozzles for air "Whisperblast", stainless steel version Series 600.493.1Y

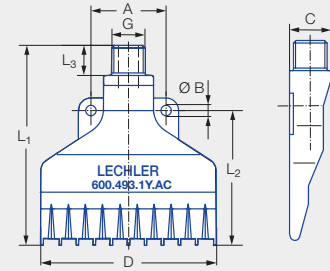


Features:

- Extremely wide, powerful air stream
- For the highest thermal requirements
- Protecting tips prevent air penetrating your skin

Applications:

- Blowing off and out
- Cleaning
- Drying

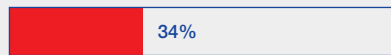


Series 600.493.1Y

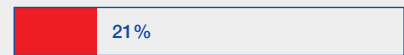
Cost savings and noise reduction



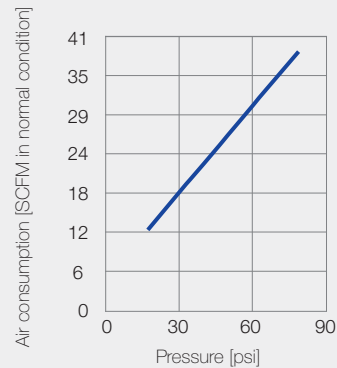
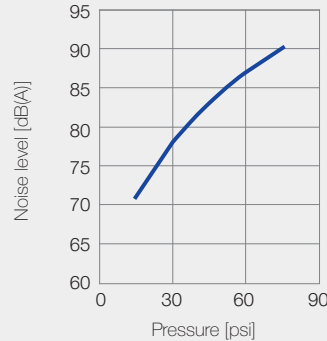
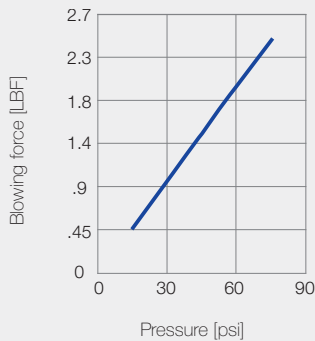
Cost savings



Noise reduction



Technical data



Connection	G	Dimensions [in]							Weight [lbs]
		A	C	D	L ₁	L ₂	L ₃	Ø B	
AC	1/4 BSPP	1.18	0.65	2.76	3.14	2.11	0.47	0.17	0.29
BC	1/4 NPT	1.18	0.65	2.76	3.14	2.11	0.47	0.17	0.29

Ordering number

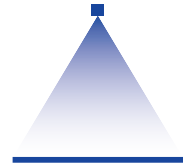
Type	Material number		Connection	
	1Y		1/4 BSPP	1/4 NPT
	Stainless steel 316L			
600.493	●	AC	BC	

Ordering Type + Material no. + Code = Ordering no.
example: 600.493 + 1Y + BC = 600.493.1Y.BC



Assembly accessories can be found in Chapter 12 "Accessories".

Multi-channel flat fan nozzles for air "Whisperblast", stainless steel version Series 600.562.1Y

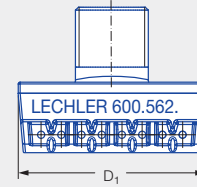


Features:

- Compact, powerful air stream
- Angled design for applications with restricted installation conditions
- Resistant to higher pressures and temperatures
- Protecting tips prevent air penetrating your skin



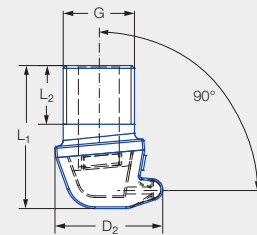
OSHA®



Series 600.562.1Y

Applications:

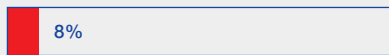
- Blowing off and out
- Cleaning
- Drying



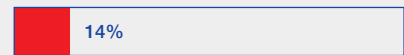
Cost savings and noise reduction



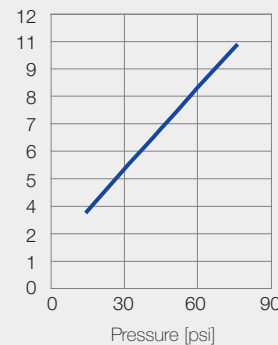
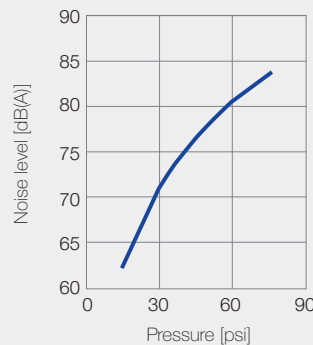
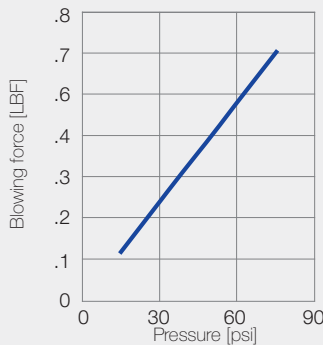
Cost savings



Noise reduction



Technical data



Connection	G	Dimensions [in]				Weight [lbs]
		D ₁	D ₂	L ₁	L ₂	
10	1/8 BSPP	0.98	0.58	0.77	0.31	0.04
20	1/8 NPT	0.98	0.58	0.77	0.26	0.04

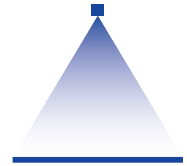
Ordering number			
Type	Material number	Connection	
	1Y	1/8 BSPP	1/8 NPT
600.562	Stainless steel 316L	10	20
	●		

Ordering example: Type 600.562 + Material no. 1Y + Code 10 = Ordering no. 600.562.1Y.10



Assembly accessories can be found in Chapter 12 "Accessories".

Flat fan nozzles for air or saturated steam Series 679

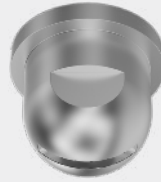


Features:

- Wide, powerful air stream
- Assembly with retaining nut
- Easy nozzle changing
- Simple jet alignment

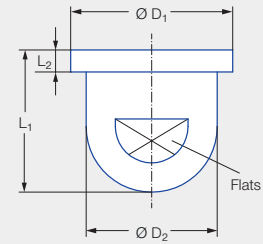
Applications:

- Blowing off liquids
- Cooling
- Heating
- Drying



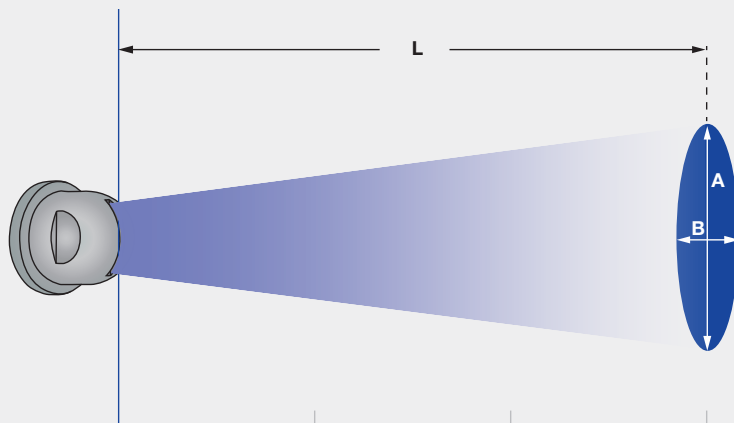
OSHA¹

FDA²

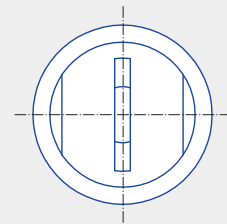


Series 679

¹ Meets OSHA specifications in terms of noise level.
² Only applies to the stainless variant.



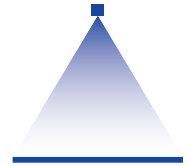
Jet pattern of series 679



Pressure		15 psi	45 psi	75 psi
679.037	Length L [in]	1.9	3.9	5.9
	A [in]	4.3	10.2	15
	B [in]	1	1.4	1.8
679.117	Length L [in]	1.9	4.9	5.9
	A [in]	3.9	9.8	12.2
	B [in]	1	1.2	1.4
679.255	Length L [in]	14.8	20	20
	A [in]	3.5	7.5	11
	B [in]	3.5	3.5	3.5

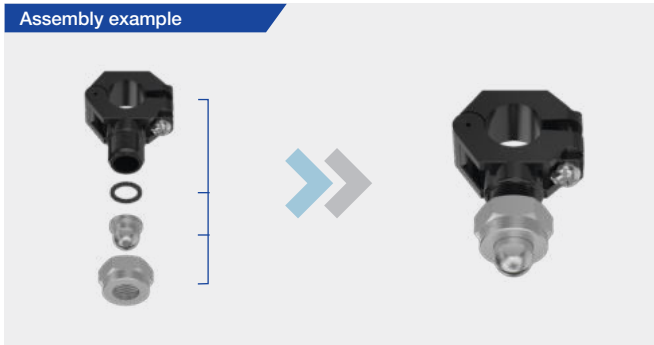
Pressure		15 psi	45 psi	75 psi
679.415	Length L [in]	27	35	35
	A [in]	6.3	11.8	18.1
	B [in]	8.5	8.5	8.5
679.495	Length L [in]	35	35	35
	A [in]	7.9	16.1	20.1
	B [in]	9.1	9.1	9.1

Connection	Dimensions [in]					Weight [lbs] (brass)
	L ₁	L ₂	Ø D ₁	Ø D ₂	Flats	
Assembly with retaining nut 3/8 BSPP	0.51	0.08	0.58	0.83	10	0.02



Spray angle	Ordering number			Equivalent bore diameter B [in]	\dot{V}_n air [SCFM]				\dot{M} saturated steam [lb/hr]			
	Type	Material number			p [psi]				p [psi]			
		17	30									
		Stainless steel 316Ti	Brass		7	30	75	145	7	30	75	145
Approx. 70°–90°	679.037		●	0.047	0.9	1.8	3.5	6.5	2.6	5.1	10.1	18.3
	679.085	●	●	0.051	1.2	2.4	4.7	8.7	3.5	6.8	13.4	24.4
	679.117	●	●	0.059	1.2	2.5	4.9	9.1	3.8	7.3	14.3	25.8
	679.165	●	●	0.071	1.5	3.0	6.1	11.1	4.4	9.0	17.6	31.5
	679.255	●	●	0.083	2.1	4.3	8.5	15.7	6.2	12.6	24.7	44.5
	679.365	●	●	0.110	3.7	7.5	15.0	27.4	11.0	22.0	43.1	77.7
	679.415	●	●	0.142	6.0	12.0	24.0	43.9	17.6	35.1	69.1	124.8
679.495	●	●	0.169	9.2	18.3	36.6	67.1	27.3	54.6	106.8	192.6	

Assembly example



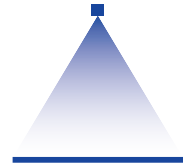
Ordering example: Type 679.037 + Material no. 30 = Ordering no. 679.037.30



Assembly accessories can be found in Chapter 12 "Accessories".

Flat fan tongue-type nozzles for air or saturated steam

Series 686



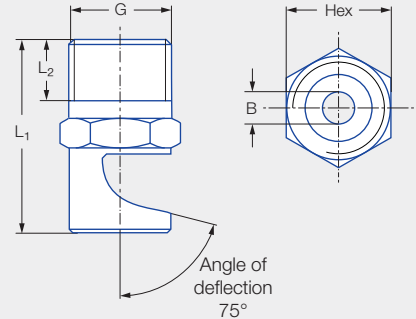
Features:

- Wide, powerful air stream
- Compact design
- Large spray width, also for short blowing distances
- Brass and stainless steel versions available for high ambient temperatures



OSHA¹

FDA²



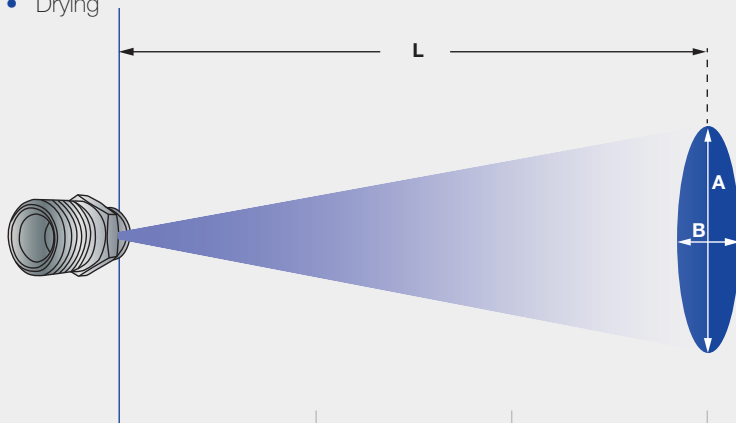
Applications:

- Blowing off liquids
- Cooling
- Heating
- Drying

Series 686

¹ Meets OSHA specifications in terms of noise level.

² Only applies to the stainless variant.



Jet pattern of series 686

Pressure		15 psi	45 psi	75 psi
686.408	Length L [in]	1.6	3.2	4.9
	A [in]	1.4	2	2.4
	B [in]	.6	1.6	2
686.528	Length L [in]	2.4	4.0	5.9
	A [in]	3	5.5	8.3
	B [in]	.8	1.6	2
686.608	Length L [in]	3.5	6.9	9.8
	A [in]	5.7	9.1	13.8
	B [in]	1	1.8	2.2

Pressure		15 psi	45 psi	75 psi
686.688	Length L [in]	6	15.8	20.7
	A [in]	9.1	22.1	29.1
	B [in]	1.6	3.2	3.9
686.728	Length L [in]	7.1	9.1	14.8
	A [in]	6.7	14.2	20.1
	B [in]	2	2	2.8

G	Dimensions [in]			Weight [lbs] (brass)
	L ₁	L ₂	Hex	
1/8 NPT	0.91	0.26	7/16	0.04

Spray angle	Angle of deflection	Ordering number				Bore diameter B [in]	V _n air [SCFM]				M saturated steam [lb/hr]			
		Type	Material number		Connection		p [psi]				p [psi]			
			16	30										
			Stainless steel 303	Brass			1/8 NPT	10	40	60	100	10	40	60
Approx. 27°–47°	75°	686.408	●	●	BA	0.039	0.4	0.8	1.1	1.7	1.8	3.5	4.6	6.6
	75°	686.488	●	●	BA	0.051	0.62	1.4	1.9	2.9	2.6	5.7	7.5	11
Approx. 70°	75°	686.528	●	●	BA	0.059	0.9	1.9	2.5	3.8	3.5	7.5	10	14
	75°	686.568	●	●	BA	0.067	1.0	2.4	3.4	5.0	4.6	10	13	19
	75°	686.608	●	●	BA	0.075	1.3	3.0	4.2	6.2	5.7	13	17	24
	75°	686.688	●	●	BA	0.094	2.2	4.7	6.6	9.9	9.0	20	26	37
	75°	686.728	●	●	BA	0.106	4.0	7.9	11	17	9.9	24	32	47
	75°	686.808	●	●	BA	0.134	6.1	13	18	27	16	39	50	74

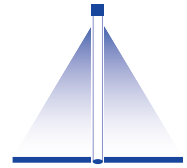
Ordering Type + Material no. + Code = Ordering no.
 example: 686.408 + 16 + BA = 686.408.16.BA



Assembly accessories can be found in Chapter 12 "Accessories".

Multi-channel round jet nozzles for air, plastic version

Series 600.326.5K/600.725.5K

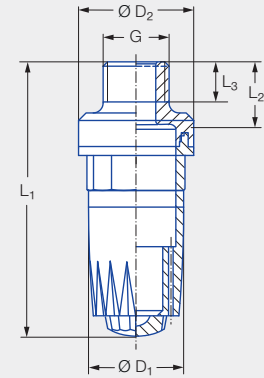


Features:

- Powerful, circular air stream
- Low noise level
- Reduced air consumption

Applications:

- Targeted blowing off and blowing out (e.g. in connection with a compressed air gun)



Series
600.326.5K/600.725.5K

Cost savings and noise reduction



Cost savings

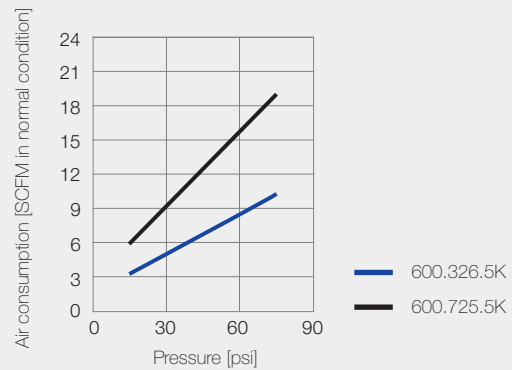
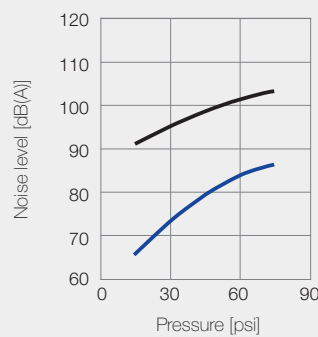
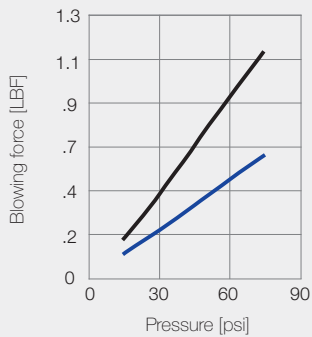
9%



Noise reduction

17%

Technical data



Connection	G	Dimensions [in]					Weight [lbs]
		L ₁	L ₂	L ₃	Ø D ₁	Ø D ₂	
AA	1/8 BSPP	2.13	0.37	0.24	0.75	0.91	0.02
AC	1/4 BSPP	2.17	0.40	0.31	0.75	0.91	0.02
BA	1/8 NPT	2.13	0.37	0.26	0.75	0.91	0.02
BC	1/4 NPT	2.17	0.40	0.38	0.75	0.91	0.02
HG	M12 x 1.25	2.17	0.40	0.31	0.75	0.91	0.02

Ordering number						
Type	Material number	Connection				
	ABS	1/8 BSPP	1/4 BSPP	1/8 NPT	1/4 NPT	M12 x 1.25
600.326.5K	●	AA	AC	BA	BC	HG
600.725.5K	●		AC		BC	

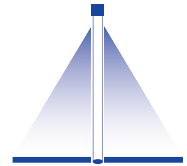
Ordering example: Type 600.326.5K + Code BA = Ordering no. 600.326.5K.BA



Assembly accessories can be found in Chapter 12 "Accessories".

Multi-channel round jet nozzles for air, zinc version

Series 600.326.3W



Features:

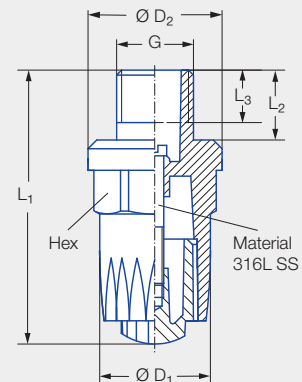
- Powerful, circular air stream
- Low noise level
- Reduced air consumption
- Zinc version: Use at high pressure and temperature levels

Applications:

- Targeted blowing off and blowing out (e.g. in connection with a compressed air gun)



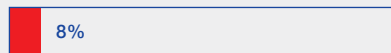
Series 600.326.3W



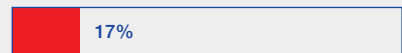
Cost savings and noise reduction



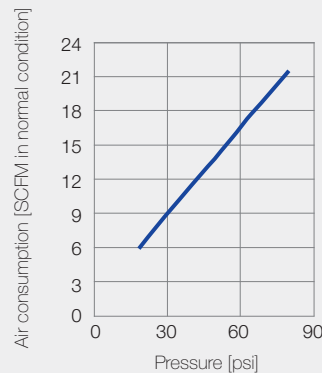
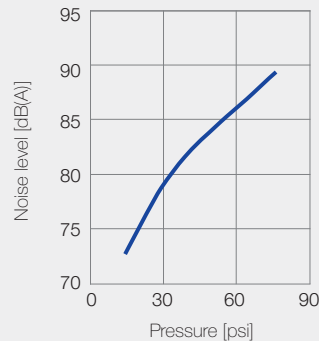
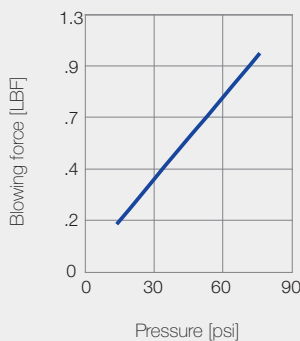
Cost savings



Noise reduction



Technical data



Connection	G	Dimensions [in]						Weight [lbs]
		L ₁	L ₂	L ₃	Ø D ₁	Ø D ₂	Hex	
AC	1/4 BSPP	1.85	0.47	0.35	0.75	0.91	3/4	0.11
BC	1/4 NPT	1.85	0.47	0.40	0.75	0.91	3/4	0.11
HG	M12 x 1.25	1.85	0.47	0.37	0.75	0.91	3/4	0.11

Ordering number				
Type	Material number	Connection		
	Zinc	1/4 BSPP	1/4 NPT	M12 x 1.25
600.326.3W	●	AC	BC	HG

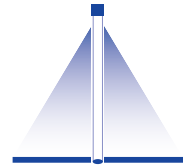
Ordering example: Type 600.326.3W + Code BC = Ordering no. 600.326.3W.BC



Assembly accessories can be found in Chapter 12 "Accessories".

Mini multi-channel round jet nozzles for air

Series 600.388.30

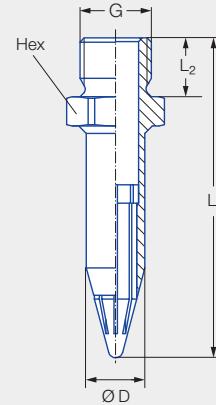


Features:

- Powerful, solid air stream for large distances
- Compact design
- Low noise level
- Reduced air consumption
- Particularly suitable for difficult-to-reach locations

Applications:

- Targeted blowing off and blowing out (e.g. in connection with a compressed air gun)

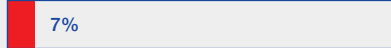


Series 600.388.30

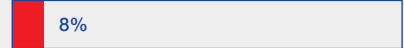
Cost savings and noise reduction



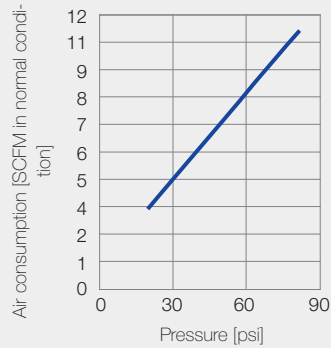
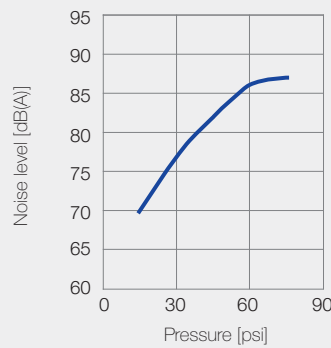
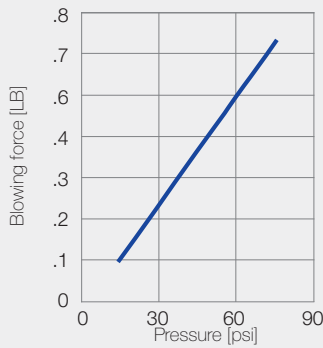
Cost savings



Noise reduction



Technical data



Connection	G	Dimensions [in]				Weight [lbs]
		L ₁	L ₂	Ø D	Hex	
AA	1/8 BSPP	1.71	0.31	0.31	12	0.03
BA	1/8 NPT	1.73	0.26	0.31	12	0.03
HG	M12 x 1.25	1.71	0.31	0.31	20	0.04

Ordering number				
Type	Material number	Connection		
	Brass, POM	1/8 BSPP	1/8 NPT	M12 x 1.25
600.388.30	●	AA	BA	HG

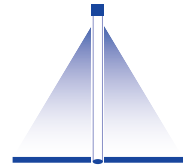
Ordering Type + Code = Ordering no.
example: 600.388.30 + BA = 600.388.30.BA



Assembly accessories can be found in Chapter 12 "Accessories".

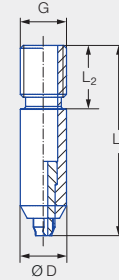
Micro multi-channel round jet nozzles for air

Series 600.625.1Y



Features:

- Powerful, solid air stream
- Ultra-compact design for difficult-to-reach locations
- Low noise level
- Reduced air consumption
- For the highest thermal requirements



Applications:

- Targeted blowing off and blowing out

Series 600.625.1Y

Cost savings and noise reduction



Cost savings

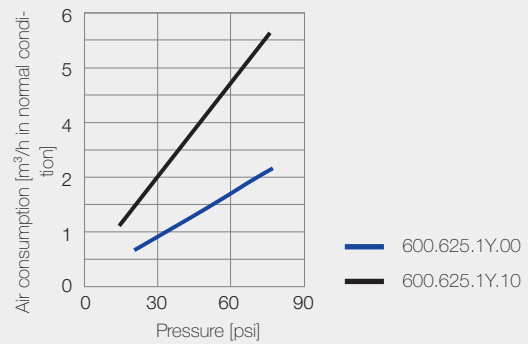
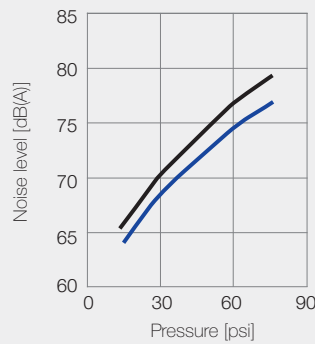
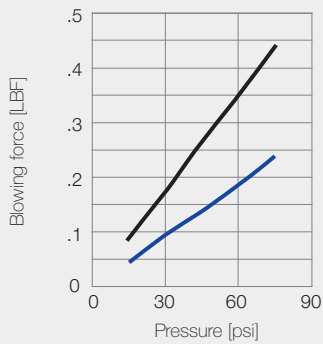
10%



Noise reduction

6%

Technical data



Connection	G	Dimensions [in]			Weight [lb]
		L ₁	L ₂	Ø D	
00	M4 x 0.5	0.65	0.22	0.16	0.002
10	M5 x 0.5	0.65	0.22	0.20	0.002

Ordering number			
Type	Material number	Connection	
	1Y	M4 x 0.5	M5 x 0.5
600.625	Stainless steel 316L	00	10

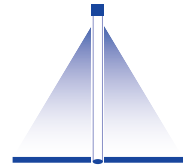
Ordering example: Type 600.625 + Material no. 1Y + Code 00 = Ordering no. 600.625.1Y.00



Assembly accessories can be found in Chapter 12 "Accessories".

➤ Solid stream nozzles for air or saturated steam

Series 544

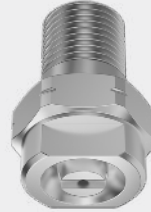


Features:

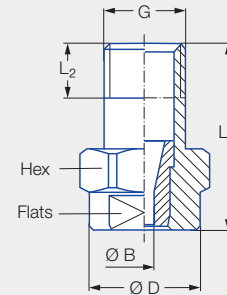
- Powerful, solid air stream
- Stainless steel version for higher ambient temperatures

Applications:

- Targeted blowing off and blowing out



OSHA¹



Series 544

¹ Meets OSHA specifications in terms of noise level.

Connection	G	Dimensions [in]					Weight [lbs]
		L ₁	L ₂	Ø D	Hex	Flats	
BA	1/8 NPT	0.87	0.26	0.51	14	9/16	0.03
BC	1/4 NPT	0.87	0.39	0.51	14	9/16	0.04

Ordering number				Bore diameter B [in]	V _n air [SCFM]				M saturated steam [lb/hr]			
Type	Material number	Connection			p [psi]				p [psi]			
	16	Female			10	25	50	75	10	25	50	75
		1/8 NPT	1/4 NPT									
	Stainless steel 303	1/8 NPT	1/4 NPT									
544.360	●	BA	BC	0.04	0.5	0.6	0.9	1.3	1.1	2.4	5.8	5.0
544.400	●	BA	BC	0.05	0.6	1.0	1.6	2.3	2.4	5.6	8.3	8.4
544.480	●	BA	BC	0.05	0.8	1.4	2.1	3.0	3.6	6.1	9.0	13
544.560	●	BA	BC	0.07	1.2	2.2	3.5	4.8	5.3	8.2	13	19
544.640	●	BA	BC	0.08	2.1	3.4	5.5	7.7	9.5	15	22	32
544.720	●	BA	BC	0.10	3.8	5.7	9.7	13	15	20	32	45
544.800	●	BA	BC	0.13	5.9	9.1	15	20	21	33	54	75

Ordering Type + Material no. + Code = Ordering no.
 example: 544.360 + 16 + BA = 544.360.16.BA



Assembly accessories can be found in Chapter 12 "Accessories".

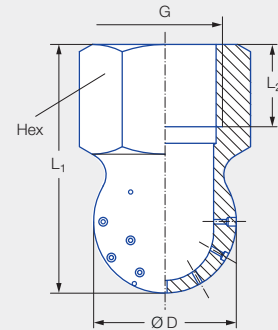
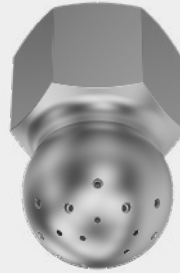
Cluster solid stream nozzles for air or saturated steam

Series 540/541



Features:

- Powerful round jet through 40 individual bore holes
- Delivery of media at an angle of approx. 240°
- Suitable for use in difficult conditions
- Suitable for immersion in liquid media



Series 540/541

Applications:

- Injection of steam into liquids
- Injection of compressed air into bulk goods
- Injection of gas (acid and neutralization baths)

G	Dimensions [in]				Weight [lbs]
	L ₁	L ₂	Ø D	Hex	
1/2NPT	1.77	0.59	1.02	27	0.22

Spray angle	Ordering number				Bore diameter B [in]	\dot{V}_n air [SCFM]				\dot{M} saturated steam [lb/hr]			
	Type	Material number	Connection			p [psi]				p [psi]			
		16	1/2 BSPP	1/2 NPT		p [psi]				p [psi]			
						15	30	45	75	15	30	45	75
Approx. 240°	540.909	●	CG	BG	0.03	13.4	20.1	26.8	40.2	14.7	21.7	29.1	43.6
	540.989	●	CG	BG	0.04	20.9	31.4	41.8	62.7	22.9	33.7	45.4	67.9
	541.109	●	CG	BG	0.06	49.0	73.5	98.0	147.0	53.8	79.3	106.6	159.4
	541.189	●	CG	BG	0.08	76.3	114.5	152.6	229.0	83.9	123.7	166.3	248.6
	541.239	●	CG	BG	0.09	98.4	147.6	196.8	295.2	107.5	158.5	213.2	318.8

Ordering Type + Material no. = Ordering no.
example: 540.909 + 16 = 540.909.16



Assembly accessories can be found in Chapter 12 "Accessories".