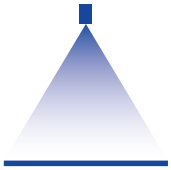
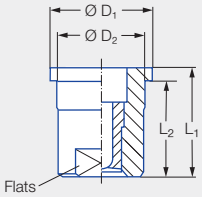
High pressure flat fan nozzles
Series 652



Features:
- Sharp, uniform flat fan spray
- Extremely narrow spray depth
- Assembly with retaining nut
- Housing: Stainless steel 303, Insert: Hardened stainless steel 420F

Applications:
- High pressure cleaning

Series 652



G	Dimensions [mm]					Weight [g]	p_{max} [1] [bar]
	L_1	L_2	Ø D_1	Ø D_2	Flats		
Assembly with retaining nut 3/8 BSPP	16.00	14.00	14.80	12.65	10	13.00	approx. 300

[1] Applies only to operation at constant pressure.

US gal/min at 40 psi	Ordering no.							Equivalent bore diameter A [mm]	V̇ water [l/min]						
	Series	Flow rate code				Mat. no.	Code		p [bar]						
		Spray angle				A3									
		20°	30°	45°	60°	Stainless steel 303/420F	For retaining nut		40	60	80	100	120	150	200
02	652	361	362	363	364	●	29	1.00	2.88	3.53	**4.08**	4.56	5.00	5.58	6.45
021	652	371	372	373	374	●	29	1.02	3.03	3.71	**4.28**	4.79	5.25	5.87	6.77
025	652	381	382	383	384	●	29	1.10	3.60	4.42	**5.10**	5.70	6.24	6.98	8.06
028	652	391	392	393	394	●	29	1.16	4.04	4.94	**5.71**	6.38	6.99	7.81	9.02
03	652	401	402	403	404	●	29	1.18	4.32	5.29	**6.11**	6.83	7.48	8.37	9.66
034	652	411	412	413	414	●	29	1.30	4.90	6.00	**6.93**	7.75	8.49	9.49	10.96
038	652	441	442	443		●	29	1.33	5.48	6.72	**7.75**	8.67	9.50	10.62	12.26
04	652	451	452	453	454	●	29	1.35	5.77	7.06	**8.16**	9.12	9.99	11.17	12.90
043	652	461	462			●	29	1.38	6.20	7.59	**8.77**	9.80	10.74	12.00	13.86
045	652	471	472	473	474	●	29	1.40	6.49	7.95	**9.18**	10.26	11.24	12.57	14.51
05	652	481	482	483	484	●	29	1.55	7.21	8.83	**10.20**	11.40	12.49	13.96	16.12
055	652	501	502	503	504	●	29	1.60	7.93	9.71	**11.22**	12.54	13.74	15.36	17.73
06	652	521	522	523	524	●	29	1.72	8.65	10.60	**12.24**	13.68	14.99	16.75	19.35
065	652	531	532	533	534	●	29	1.75	9.37	11.48	**13.26**	14.82	16.23	18.15	20.96
07	652	541	542	543	544	●	29	1.80	10.09	12.36	**14.28**	15.96	17.48	19.55	22.57
075	652	551	552	553	554	●	29	1.90	10.81	13.25	**15.29**	17.10	18.73	20.94	24.18
08	652	571	572	573	574	●	29	2.05	11.54	14.13	**16.31**	18.24	19.98	22.34	25.80
087	652	581	582	583	584	●	29	2.06	12.54	15.36	**17.74**	19.83	21.72	24.29	28.04
09	652	591	592	593	594	●	29	2.10	12.98	15.89	**18.35**	20.52	22.48	25.13	29.02
10	652	601	602	603	604	●	29	2.30	14.41	17.65	**20.38**	22.79	24.97	27.91	32.23
11	652	621	622	623	624	●	29	2.40	15.86	19.42	**22.42**	25.07	27.46	30.70	35.45
125	652	641	642	643	644	●	29	2.50	18.02	22.07	**25.48**	28.49	31.21	34.89	40.29
131	652	651	652	653	654	●	29	2.55	18.89	23.13	**26.71**	29.86	32.71	36.57	42.23
139	652	661	662	663	664	●	29	2.65	20.04	24.54	**28.34**	31.68	34.70	38.80	44.80
15	652	671	672	673	674	●	29	2.70	21.62	26.48	**30.58**	34.19	37.45	41.87	48.35
175	652	701	702	703	704	●	29	3.00	25.23	30.90	**35.68**	39.89	43.70	48.86	56.41
20	652			723	724	●	29	3.05	28.83	35.31	**40.78**	45.59	49.94	55.84	64.47
25	652			763	764	●	29	3.50	36.04	44.14	**50.97**	56.99	62.43	69.80	80.60
30	652			793		●	29	3.90	43.25	52.97	**61.16**	68.38	74.91	83.75	96.70

Conversion formula for this series: $\dot{V}_2 = \dot{V}_1 \cdot \sqrt{\frac{p_2}{p_1}}$

Assembly accessories can be found in Chapter 9 “Accessories”.

Ordering example:	Series 652	+ Flow rate code 361	+ Material no. A3	+ Code 29	= Ordering no. 652.361.A3.29