

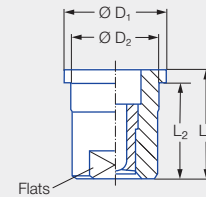
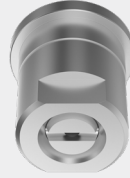
High pressure flat fan nozzles

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. Stainless steel 303/420F	Code For retaining nut		p [bar]							
		Spray angle							A3							
		20°	30°	45°	60°					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 Series + Flow rate code + Material no. + Code = Ordering no.
example: 652 + 361 + A3 + 29 = 652.361.A3.29