

Flat-Fan Spray Nozzles Spadflow Series 5L 652 (HP)



5L 652
(HP)

Low Pressure Nozzle

Applications:

- High pressure cleaning

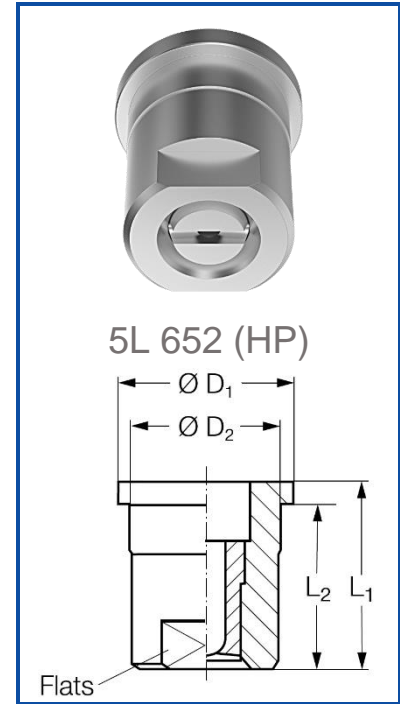
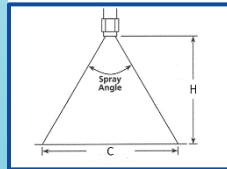
Properties:

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

Dimensions [mm]						Weight
G	L ₁	L ₂	D ₁	D ₂	Flats	
3/8 BSPP	16.0	14.0	14.8	12.65	10	13 g

Material*	Code
Brass	1
S.S.304	2
S.S.316	3

α	C [mm] (range)
	@ H=250 mm
20°	85
30°	125
45°	170
60°	290



For higher lengths: $C_2 = \frac{C \times H_2}{200}$

Spray angle (α)	Code	A Ø [mm]	Flow rate [l/min]						
			P [bar]						
			40	60	80	100	120	150	200
20°	5L 652 36 . 020	1	2.88	3.53	4.08	4.56	5	5.58	6.45
	5L 652 37 . 020	1.02	3.03	3.71	4.28	4.79	5.25	5.87	6.77
	5L 652 38 . 020	1.1	3.6	4.42	5.1	5.7	6.24	6.98	8.06
	5L 652 39 . 020	1.16	4.04	4.94	5.71	6.38	6.99	7.81	9.02
	5L 652 40 . 020	1.18	4.32	5.29	6.11	6.83	7.48	8.37	9.66
	5L 652 41 . 020	1.3	4.9	6	6.93	7.75	8.49	9.49	10.96
	5L 652 44 . 020	1.33	5.48	6.72	7.75	8.67	9.5	10.62	12.26
	5L 652 45 . 020	1.35	5.77	7.06	8.16	9.12	9.99	11.17	12.9
	5L 652 46 . 020	1.38	6.2	7.59	8.77	9.8	10.74	12	13.86
	5L 652 47 . 020	1.4	6.49	7.95	9.18	10.26	11.24	12.57	14.51
	5L 652 48 . 020	1.55	7.21	8.83	10.2	11.4	12.49	13.96	16.12
	5L 652 50 . 020	1.6	7.93	9.71	11.22	12.54	13.74	15.36	17.73
	5L 652 52 . 020	1.72	8.65	10.6	12.24	13.68	14.99	16.75	19.35
	5L 652 53 . 020	1.75	9.37	11.48	13.26	14.82	16.23	18.15	20.96
	5L 652 54 . 020	1.8	10.09	12.36	14.28	15.96	17.48	19.55	22.57
	5L 652 55 . 020	1.9	10.81	13.25	15.29	17.1	18.73	20.94	24.18
	5L 652 57 . 020	2.05	11.54	14.13	16.31	18.24	19.98	22.34	25.8
	5L 652 58 . 020	2.06	12.54	15.36	17.74	19.83	21.72	24.29	28.04
5L 652 59 . 020	2.1	12.98	15.89	18.35	20.52	22.48	25.13	29.02	
5L 652 60 . 020	2.3	14.41	17.65	20.38	22.79	24.97	27.91	32.23	
5L 652 62 . 020	2.4	15.86	19.42	22.42	25.07	27.46	30.7	35.45	

Order No.: CODE . MATERIAL

Example.: 5L 652 36 . 020 . 3

Type 5L 652 with mentioned Q(lpm)@P(bar), Spray angle: 20°, S.S.316

Flat-Fan Spray Nozzles Spadflow Series 5L 652 (HP)



5L 652
(HP)

Spray angle (α)	Code	A Ø [mm]	Flow rate [l/min]							
			P [bar]							
			40	60	80	100	120	150	200	
20°	5L 652 64 . 020	2.5	18.02	22.07	25.48	28.49	31.21	34.89	40.29	
	5L 652 65 . 020	2.55	18.89	23.13	26.71	29.86	32.71	36.57	42.23	
	5L 652 66 . 020	2.65	20.04	24.54	28.34	31.68	34.7	38.8	44.8	
	5L 652 67 . 020	2.7	21.62	26.48	30.58	34.19	37.45	41.87	48.35	
	5L 652 70 . 020	3	25.23	30.9	35.68	39.89	43.7	48.86	56.41	
	30°	5L 652 36 . 030	1	2.88	3.53	4.08	4.56	5	5.58	6.45
		5L 652 37 . 030	1.02	3.03	3.71	4.28	4.79	5.25	5.87	6.77
		5L 652 38 . 030	1.1	3.6	4.42	5.1	5.7	6.24	6.98	8.06
		5L 652 39 . 030	1.16	4.04	4.94	5.71	6.38	6.99	7.81	9.02
		5L 652 40 . 030	1.18	4.32	5.29	6.11	6.83	7.48	8.37	9.66
		5L 652 41 . 030	1.3	4.9	6	6.93	7.75	8.49	9.49	10.96
		5L 652 44 . 030	1.33	5.48	6.72	7.75	8.67	9.5	10.62	12.26
		5L 652 45 . 030	1.35	5.77	7.06	8.16	9.12	9.99	11.17	12.9
		5L 652 46 . 030	1.38	6.2	7.59	8.77	9.8	10.74	12	13.86
		5L 652 47 . 030	1.4	6.49	7.95	9.18	10.26	11.24	12.57	14.51
		5L 652 48 . 030	1.55	7.21	8.83	10.2	11.4	12.49	13.96	16.12
		5L 652 50 . 030	1.6	7.93	9.71	11.22	12.54	13.74	15.36	17.73
		5L 652 52 . 030	1.72	8.65	10.6	12.24	13.68	14.99	16.75	19.35
		5L 652 53 . 030	1.75	9.37	11.48	13.26	14.82	16.23	18.15	20.96
		5L 652 54 . 030	1.8	10.09	12.36	14.28	15.96	17.48	19.55	22.57
5L 652 55 . 030		1.9	10.81	13.25	15.29	17.1	18.73	20.94	24.18	
5L 652 57 . 030		2.05	11.54	14.13	16.31	18.24	19.98	22.34	25.8	
5L 652 58 . 030		2.06	12.54	15.36	17.74	19.83	21.72	24.29	28.04	
5L 652 59 . 030		2.1	12.98	15.89	18.35	20.52	22.48	25.13	29.02	
5L 652 60 . 030		2.3	14.41	17.65	20.38	22.79	24.97	27.91	32.23	
5L 652 62 . 030	2.4	15.86	19.42	22.42	25.07	27.46	30.7	35.45		
5L 652 64 . 030	2.5	18.02	22.07	25.48	28.49	31.21	34.89	40.29		
5L 652 65 . 030	2.55	18.89	23.13	26.71	29.86	32.71	36.57	42.23		
5L 652 66 . 030	2.65	20.04	24.54	28.34	31.68	34.7	38.8	44.8		
5L 652 67 . 030	2.7	21.62	26.48	30.58	34.19	37.45	41.87	48.35		
5L 652 70 . 030	3	25.23	30.9	35.68	39.89	43.7	48.86	56.41		
45°	5L 652 36 . 045	1	2.88	3.53	4.08	4.56	5	5.58	6.45	
	5L 652 37 . 045	1.02	3.03	3.71	4.28	4.79	5.25	5.87	6.77	
	5L 652 38 . 045	1.1	3.6	4.42	5.1	5.7	6.24	6.98	8.06	
	5L 652 39 . 045	1.16	4.04	4.94	5.71	6.38	6.99	7.81	9.02	
	5L 652 40 . 045	1.18	4.32	5.29	6.11	6.83	7.48	8.37	9.66	
	5L 652 41 . 045	1.3	4.9	6	6.93	7.75	8.49	9.49	10.96	
	5L 652 44 . 045	1.33	5.48	6.72	7.75	8.67	9.5	10.62	12.26	
	5L 652 45 . 045	1.35	5.77	7.06	8.16	9.12	9.99	11.17	12.9	
	5L 652 47 . 045	1.4	6.49	7.95	9.18	10.26	11.24	12.57	14.51	
	5L 652 48 . 045	1.55	7.21	8.83	10.2	11.4	12.49	13.96	16.12	
	5L 652 50 . 045	1.6	7.93	9.71	11.22	12.54	13.74	15.36	17.73	
	5L 652 52 . 045	1.72	8.65	10.6	12.24	13.68	14.99	16.75	19.35	
	5L 652 53 . 045	1.75	9.37	11.48	13.26	14.82	16.23	18.15	20.96	
	5L 652 54 . 045	1.8	10.09	12.36	14.28	15.96	17.48	19.55	22.57	
	5L 652 55 . 045	1.9	10.81	13.25	15.29	17.1	18.73	20.94	24.18	
	5L 652 57 . 045	2.05	11.54	14.13	16.31	18.24	19.98	22.34	25.8	
	5L 652 58 . 045	2.06	12.54	15.36	17.74	19.83	21.72	24.29	28.04	
	5L 652 59 . 045	2.1	12.98	15.89	18.35	20.52	22.48	25.13	29.02	
	5L 652 60 . 045	2.3	14.41	17.65	20.38	22.79	24.97	27.91	32.23	
	5L 652 62 . 045	2.4	15.86	19.42	22.42	25.07	27.46	30.7	35.45	
5L 652 64 . 045	2.5	18.02	22.07	25.48	28.49	31.21	34.89	40.29		
5L 652 65 . 045	2.55	18.89	23.13	26.71	29.86	32.71	36.57	42.23		
5L 652 66 . 045	2.65	20.04	24.54	28.34	31.68	34.7	38.8	44.8		
5L 652 67 . 045	2.7	21.62	26.48	30.58	34.19	37.45	41.87	48.35		
5L 652 70 . 045	3	25.23	30.9	35.68	39.89	43.7	48.86	56.41		
5L 652 72 . 045	3.05	28.83	35.31	40.78	45.59	49.94	55.84	64.47		
5L 652 76 . 045	3.5	36.04	44.14	50.97	56.99	62.43	69.8	80.6		
5L 652 79 . 045	3.9	43.25	52.97	61.16	68.38	74.91	83.75	96.7		

Order No.: CODE . MATERIAL

Example.: 5L 652 36 . 020 . 3

Type 5L 652 with mentioned Q(lpm)@P(bar), Spray angle: 20°, S.S.316

Flat-Fan Spray Nozzles
Spadflow Series 5L 652 (HP)



**5L 652
(HP)**

Spray angle (α)	Code	A Ø [mm]	Flow rate [l/min]						
			P [bar]						
			40	60	80	100	120	150	200
60°	5L 652 36 . 060	1	2.88	3.53	4.08	4.56	5	5.58	6.45
	5L 652 37 . 060	1.02	3.03	3.71	4.28	4.79	5.25	5.87	6.77
	5L 652 38 . 060	1.1	3.6	4.42	5.1	5.7	6.24	6.98	8.06
	5L 652 39 . 060	1.16	4.04	4.94	5.71	6.38	6.99	7.81	9.02
	5L 652 40 . 060	1.18	4.32	5.29	6.11	6.83	7.48	8.37	9.66
	5L 652 41 . 060	1.3	4.9	6	6.93	7.75	8.49	9.49	10.96
	5L 652 45 . 060	1.35	5.77	7.06	8.16	9.12	9.99	11.17	12.9
	5L 652 47 . 060	1.4	6.49	7.95	9.18	10.26	11.24	12.57	14.51
	5L 652 48 . 060	1.55	7.21	8.83	10.2	11.4	12.49	13.96	16.12
	5L 652 50 . 060	1.6	7.93	9.71	11.22	12.54	13.74	15.36	17.73
	5L 652 52 . 060	1.72	8.65	10.6	12.24	13.68	14.99	16.75	19.35
	5L 652 53 . 060	1.75	9.37	11.48	13.26	14.82	16.23	18.15	20.96
	5L 652 54 . 060	1.8	10.09	12.36	14.28	15.96	17.48	19.55	22.57
	5L 652 55 . 060	1.9	10.81	13.25	15.29	17.1	18.73	20.94	24.18
	5L 652 57 . 060	2.05	11.54	14.13	16.31	18.24	19.98	22.34	25.8
	5L 652 58 . 060	2.06	12.54	15.36	17.74	19.83	21.72	24.29	28.04
	5L 652 59 . 060	2.1	12.98	15.89	18.35	20.52	22.48	25.13	29.02
	5L 652 60 . 060	2.3	14.41	17.65	20.38	22.79	24.97	27.91	32.23
	5L 652 62 . 060	2.4	15.86	19.42	22.42	25.07	27.46	30.7	35.45
	5L 652 64 . 060	2.5	18.02	22.07	25.48	28.49	31.21	34.89	40.29
5L 652 65 . 060	2.55	18.89	23.13	26.71	29.86	32.71	36.57	42.23	
5L 652 66 . 060	2.65	20.04	24.54	28.34	31.68	34.7	38.8	44.8	
5L 652 67 . 060	2.7	21.62	26.48	30.58	34.19	37.45	41.87	48.35	
5L 652 70 . 060	3	25.23	30.9	35.68	39.89	43.7	48.86	56.41	
5L 652 72 . 060	3.05	28.83	35.31	40.78	45.59	49.94	55.84	64.47	
5L 652 76 . 060	3.5	36.04	44.14	50.97	56.99	62.43	69.8	80.6	

* Different materials are available upon request

A = equivalent bore diameter