

# Flat-Fan Spray Nozzles Spadflow Series 5L 602



5L 602

## Low Pressure Nozzle

### Applications:

- High pressure cleaning

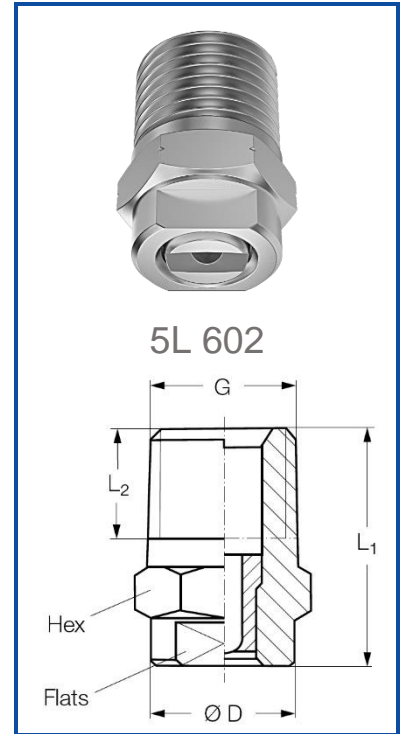
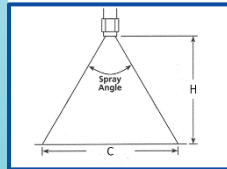
### Properties:

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

Conn. code	Dimensions [mm]						Weight
	G	L <sub>1</sub>	L <sub>2</sub>	D	Hex	Flats	
014	1/4 BSPT	22.0	10.0	13.0	14	10	18 g
014	1/4 NPT	22.0	10.0	13.0	14	10	18 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	Connection** [inch]	A Ø [mm]	Flow rate [l/min]						
				P [bar]						
				40	60	80	100	120	150	200
20°	5L 602 36 . 020	1/4"	1	2.88	3.53	<b>4.08</b>	4.56	5	5.58	6.45
	5L 602 37 . 020	1/4"	1.02	3.03	3.71	<b>4.28</b>	4.79	5.25	5.87	6.77
	5L 602 38 . 020	1/4"	1.1	3.6	4.42	<b>5.1</b>	5.7	6.24	6.98	8.06
	5L 602 39 . 020	1/4"	1.16	4.04	4.94	<b>5.71</b>	6.38	6.99	7.81	9.02
	5L 602 40 . 020	1/4"	1.18	4.32	5.29	<b>6.11</b>	6.83	7.48	8.37	9.66
	5L 602 41 . 020	1/4"	1.3	4.9	6	<b>6.93</b>	7.75	8.49	9.49	10.96
	5L 602 44 . 020	1/4"	1.33	5.48	6.72	<b>7.75</b>	8.67	9.5	10.62	12.26
	5L 602 45 . 020	1/4"	1.35	5.77	7.06	<b>8.16</b>	9.12	9.99	11.17	12.9
	5L 602 46 . 020	1/4"	1.38	6.2	7.59	<b>8.77</b>	9.8	10.74	12	13.86
	5L 602 47 . 020	1/4"	1.4	6.49	7.95	<b>9.18</b>	10.26	11.24	12.57	14.51
	5L 602 48 . 020	1/4"	1.55	7.21	8.83	<b>10.2</b>	11.4	12.49	13.96	16.12
	5L 602 50 . 020	1/4"	1.6	7.93	9.71	<b>11.22</b>	12.54	13.74	15.36	17.73
	5L 602 52 . 020	1/4"	1.72	8.65	10.6	<b>12.24</b>	13.68	14.99	16.75	19.35
	5L 602 53 . 020	1/4"	1.75	9.37	11.48	<b>13.26</b>	14.82	16.23	18.15	20.96
	5L 602 54 . 020	1/4"	1.8	10.09	12.36	<b>14.28</b>	15.96	17.48	19.55	22.57
	5L 602 55 . 020	1/4"	1.9	10.81	13.25	<b>15.29</b>	17.1	18.73	20.94	24.18
5L 602 57 . 020	1/4"	2.05	11.54	14.13	<b>16.31</b>	18.24	19.98	22.34	25.8	
5L 602 58 . 020	1/4"	2.06	12.54	15.36	<b>17.74</b>	19.83	21.72	24.29	28.04	
5L 602 59 . 020	1/4"	2.1	12.98	15.89	<b>18.35</b>	20.52	22.48	25.13	29.02	

Order No.: CODE . CONNETION . MATERIAL

Example.: 5L 602 36 . 020 . 014 . 3

Type 5L 602 with mentioned Q(lpm)@P(bar), Spray angle: 20°, 1/4", S.S.316

**Flat-Fan Spray Nozzles**  
**Spadflow Series 5L 602**



5L 602

Spray angle (α)	Code	Connection** [inch]	A Ø [mm]	Flow rate [l/min]						
				P [bar]						
				40	60	80	100	120	150	200
	5L 602 60 . 020	1/4"	2.3	14.41	17.65	<b>20.38</b>	22.79	24.97	27.91	32.23
	5L 602 62 . 020	1/4"	2.4	15.86	19.42	<b>22.42</b>	25.07	27.46	30.7	35.45
	5L 602 64 . 020	1/4"	2.5	18.02	22.07	<b>25.48</b>	28.49	31.21	34.89	40.29
	5L 602 65 . 020	1/4"	2.55	18.89	23.13	<b>26.71</b>	29.86	32.71	36.57	42.23
	5L 602 66 . 020	1/4"	2.65	20.04	24.54	<b>28.34</b>	31.68	34.7	38.8	44.8
	5L 602 67 . 020	1/4"	2.7	21.62	26.48	<b>30.58</b>	34.19	37.45	41.87	48.35
	5L 602 70 . 020	1/4"	3	25.23	30.9	<b>35.68</b>	39.89	43.7	48.86	56.41
30°	5L 602 36 . 030	1/4"	1	2.88	3.53	<b>4.08</b>	4.56	5	5.58	6.45
	5L 602 37 . 030	1/4"	1.02	3.03	3.71	<b>4.28</b>	4.79	5.25	5.87	6.77
	5L 602 38 . 030	1/4"	1.1	3.6	4.42	<b>5.1</b>	5.7	6.24	6.98	8.06
	5L 602 39 . 030	1/4"	1.16	4.04	4.94	<b>5.71</b>	6.38	6.99	7.81	9.02
	5L 602 40 . 030	1/4"	1.18	4.32	5.29	<b>6.11</b>	6.83	7.48	8.37	9.66
	5L 602 41 . 030	1/4"	1.3	4.9	6	<b>6.93</b>	7.75	8.49	9.49	10.96
	5L 602 44 . 030	1/4"	1.33	5.48	6.72	<b>7.75</b>	8.67	9.5	10.62	12.26
	5L 602 45 . 030	1/4"	1.35	5.77	7.06	<b>8.16</b>	9.12	9.99	11.17	12.9
	5L 602 46 . 030	1/4"	1.38	6.2	7.59	<b>8.77</b>	9.8	10.74	12	13.86
	5L 602 47 . 030	1/4"	1.4	6.49	7.95	<b>9.18</b>	10.26	11.24	12.57	14.51
	5L 602 48 . 030	1/4"	1.55	7.21	8.83	<b>10.2</b>	11.4	12.49	13.96	16.12
	5L 602 50 . 030	1/4"	1.6	7.93	9.71	<b>11.22</b>	12.54	13.74	15.36	17.73
	5L 602 52 . 030	1/4"	1.72	8.65	10.6	<b>12.24</b>	13.68	14.99	16.75	19.35
	5L 602 53 . 030	1/4"	1.75	9.37	11.48	<b>13.26</b>	14.82	16.23	18.15	20.96
	5L 602 54 . 030	1/4"	1.8	10.09	12.36	<b>14.28</b>	15.96	17.48	19.55	22.57
	5L 602 55 . 030	1/4"	1.9	10.81	13.25	<b>15.29</b>	17.1	18.73	20.94	24.18
	5L 602 57 . 030	1/4"	2.05	11.54	14.13	<b>16.31</b>	18.24	19.98	22.34	25.8
	5L 602 58 . 030	1/4"	2.06	12.54	15.36	<b>17.74</b>	19.83	21.72	24.29	28.04
	5L 602 59 . 030	1/4"	2.1	12.98	15.89	<b>18.35</b>	20.52	22.48	25.13	29.02
	5L 602 60 . 030	1/4"	2.3	14.41	17.65	<b>20.38</b>	22.79	24.97	27.91	32.23
5L 602 62 . 030	1/4"	2.4	15.86	19.42	<b>22.42</b>	25.07	27.46	30.7	35.45	
5L 602 64 . 030	1/4"	2.5	18.02	22.07	<b>25.48</b>	28.49	31.21	34.89	40.29	
5L 602 65 . 030	1/4"	2.55	18.89	23.13	<b>26.71</b>	29.86	32.71	36.57	42.23	
5L 602 66 . 030	1/4"	2.65	20.04	24.54	<b>28.34</b>	31.68	34.7	38.8	44.8	
5L 602 67 . 030	1/4"	2.7	21.62	26.48	<b>30.58</b>	34.19	37.45	41.87	48.35	
5L 602 70 . 030	1/4"	3	25.23	30.9	<b>35.68</b>	39.89	43.7	48.86	56.41	
45°	5L 602 36 . 045	1/4"	1	2.88	3.53	<b>4.08</b>	4.56	5	5.58	6.45
	5L 602 37 . 045	1/4"	1.02	3.03	3.71	<b>4.28</b>	4.79	5.25	5.87	6.77
	5L 602 38 . 045	1/4"	1.1	3.6	4.42	<b>5.1</b>	5.7	6.24	6.98	8.06
	5L 602 39 . 045	1/4"	1.16	4.04	4.94	<b>5.71</b>	6.38	6.99	7.81	9.02
	5L 602 40 . 045	1/4"	1.18	4.32	5.29	<b>6.11</b>	6.83	7.48	8.37	9.66
	5L 602 41 . 045	1/4"	1.3	4.9	6	<b>6.93</b>	7.75	8.49	9.49	10.96
	5L 602 44 . 045	1/4"	1.33	5.48	6.72	<b>7.75</b>	8.67	9.5	10.62	12.26
	5L 602 45 . 045	1/4"	1.35	5.77	7.06	<b>8.16</b>	9.12	9.99	11.17	12.9
	5L 602 47 . 045	1/4"	1.4	6.49	7.95	<b>9.18</b>	10.26	11.24	12.57	14.51
	5L 602 48 . 045	1/4"	1.55	7.21	8.83	<b>10.2</b>	11.4	12.49	13.96	16.12
	5L 602 50 . 045	1/4"	1.6	7.93	9.71	<b>11.22</b>	12.54	13.74	15.36	17.73
	5L 602 52 . 045	1/4"	1.72	8.65	10.6	<b>12.24</b>	13.68	14.99	16.75	19.35
	5L 602 53 . 045	1/4"	1.75	9.37	11.48	<b>13.26</b>	14.82	16.23	18.15	20.96
	5L 602 54 . 045	1/4"	1.8	10.09	12.36	<b>14.28</b>	15.96	17.48	19.55	22.57
	5L 602 55 . 045	1/4"	1.9	10.81	13.25	<b>15.29</b>	17.1	18.73	20.94	24.18
	5L 602 57 . 045	1/4"	2.05	11.54	14.13	<b>16.31</b>	18.24	19.98	22.34	25.8
	5L 602 58 . 045	1/4"	2.06	12.54	15.36	<b>17.74</b>	19.83	21.72	24.29	28.04
	5L 602 59 . 045	1/4"	2.1	12.98	15.89	<b>18.35</b>	20.52	22.48	25.13	29.02
	5L 602 60 . 045	1/4"	2.3	14.41	17.65	<b>20.38</b>	22.79	24.97	27.91	32.23
	5L 602 62 . 045	1/4"	2.4	15.86	19.42	<b>22.42</b>	25.07	27.46	30.7	35.45
5L 602 64 . 045	1/4"	2.5	18.02	22.07	<b>25.48</b>	28.49	31.21	34.89	40.29	
5L 602 65 . 045	1/4"	2.55	18.89	23.13	<b>26.71</b>	29.86	32.71	36.57	42.23	
5L 602 66 . 045	1/4"	2.65	20.04	24.54	<b>28.34</b>	31.68	34.7	38.8	44.8	
5L 602 67 . 045	1/4"	2.7	21.62	26.48	<b>30.58</b>	34.19	37.45	41.87	48.35	
5L 602 70 . 045	1/4"	3	25.23	30.9	<b>35.68</b>	39.89	43.7	48.86	56.41	
5L 602 72 . 045	1/4"	3.05	28.83	35.31	<b>40.78</b>	45.59	49.94	55.84	64.47	

Order No.: CODE . CONNETION . MATERIAL

Example.: 5L 602 36 . 020 . 014 . 3

Type 5L 602 with mentioned Q(lpm)@P(bar), Spray angle: 20°, 1/4", S.S.316

**Flat-Fan Spray Nozzles**  
**Spadflow Series 5L 602**



5L 602

Spray angle (α)	Code	Connection** [inch]	A Ø [mm]	Flow rate [l/min]						
				P [bar]						
				40	60	80	100	120	150	200
60°	5L 602 76 . 045	1/4"	3.5	36.04	44.14	<b>50.97</b>	56.99	62.43	69.8	80.6
	5L 602 79 . 045	1/4"	3.9	43.25	52.97	<b>61.16</b>	68.38	74.91	83.75	96.7
	5L 602 36 . 060	1/4"	1	2.88	3.53	<b>4.08</b>	4.56	5	5.58	6.45
	5L 602 37 . 060	1/4"	1.02	3.03	3.71	<b>4.28</b>	4.79	5.25	5.87	6.77
	5L 602 38 . 060	1/4"	1.1	3.6	4.42	<b>5.1</b>	5.7	6.24	6.98	8.06
	5L 602 39 . 060	1/4"	1.16	4.04	4.94	<b>5.71</b>	6.38	6.99	7.81	9.02
	5L 602 40 . 060	1/4"	1.18	4.32	5.29	<b>6.11</b>	6.83	7.48	8.37	9.66
	5L 602 41 . 060	1/4"	1.3	4.9	6	<b>6.93</b>	7.75	8.49	9.49	10.96
	5L 602 45 . 060	1/4"	1.35	5.77	7.06	<b>8.16</b>	9.12	9.99	11.17	12.9
	5L 602 47 . 060	1/4"	1.4	6.49	7.95	<b>9.18</b>	10.26	11.24	12.57	14.51
	5L 602 48 . 060	1/4"	1.55	7.21	8.83	<b>10.2</b>	11.4	12.49	13.96	16.12
	5L 602 50 . 060	1/4"	1.6	7.93	9.71	<b>11.22</b>	12.54	13.74	15.36	17.73
	5L 602 52 . 060	1/4"	1.72	8.65	10.6	<b>12.24</b>	13.68	14.99	16.75	19.35
	5L 602 53 . 060	1/4"	1.75	9.37	11.48	<b>13.26</b>	14.82	16.23	18.15	20.96
	5L 602 54 . 060	1/4"	1.8	10.09	12.36	<b>14.28</b>	15.96	17.48	19.55	22.57
	5L 602 55 . 060	1/4"	1.9	10.81	13.25	<b>15.29</b>	17.1	18.73	20.94	24.18
	5L 602 57 . 060	1/4"	2.05	11.54	14.13	<b>16.31</b>	18.24	19.98	22.34	25.8
	5L 602 58 . 060	1/4"	2.06	12.54	15.36	<b>17.74</b>	19.83	21.72	24.29	28.04
	5L 602 59 . 060	1/4"	2.1	12.98	15.89	<b>18.35</b>	20.52	22.48	25.13	29.02
	5L 602 60 . 060	1/4"	2.3	14.41	17.65	<b>20.38</b>	22.79	24.97	27.91	32.23
	5L 602 62 . 060	1/4"	2.4	15.86	19.42	<b>22.42</b>	25.07	27.46	30.7	35.45
	5L 602 64 . 060	1/4"	2.5	18.02	22.07	<b>25.48</b>	28.49	31.21	34.89	40.29
	5L 602 65 . 060	1/4"	2.55	18.89	23.13	<b>26.71</b>	29.86	32.71	36.57	42.23
	5L 602 66 . 060	1/4"	2.65	20.04	24.54	<b>28.34</b>	31.68	34.7	38.8	44.8
	5L 602 67 . 060	1/4"	2.7	21.62	26.48	<b>30.58</b>	34.19	37.45	41.87	48.35
	5L 602 70 . 060	1/4"	3	25.23	30.9	<b>35.68</b>	39.89	43.7	48.86	56.41
5L 602 72 . 060	1/4"	3.05	28.83	35.31	<b>40.78</b>	45.59	49.94	55.84	64.47	
5L 602 76 . 060	1/4"	3.5	36.04	44.14	<b>50.97</b>	56.99	62.43	69.8	80.6	

\* Different materials are available upon request  
A = equivalent bore diameter

\*\* Different connection sizes are available upon request