

Nozzle Flow Charts (Theoretical) for - GPM (LPM)

NLB 15° Fan Nozzles (S-8)

Part No.	Pressure PSI (BAR)								
	20,000 (1,400)	21,000 (1,450)	22,000 (1,520)	23,000 (1,590)	24,000 (1,680)	25,000 (1,725)	26,000 (1,800)	27,000 (1,865)	28,000 (1,930)
S-8-15005	1.09 (4.13)	1.12 (4.24)	1.15 (4.35)	1.17 (4.43)	1.20 (4.54)	1.22 (4.62)	1.25 (4.73)	1.27 (4.81)	1.32 (5.00)
S-8-15006	1.48 (5.60)	1.52 (5.75)	1.56 (5.91)	1.59 (6.02)	1.63 (6.17)	1.66 (6.28)	1.69 (6.40)	1.73 (6.55)	1.79 (6.78)
S-8-1501	2.28 (8.63)	2.34 (8.86)	2.39 (9.05)	2.44 (9.24)	2.50 (9.46)	2.55 (9.65)	2.60 (9.84)	2.65 (10.03)	2.76 (10.45)
S-8-15015	3.24 (12.26)	3.32 (12.57)	3.40 (12.87)	3.48 (13.17)	3.55 (13.44)	3.63 (13.74)	3.70 (14.00)	3.77 (14.27)	3.90 (14.76)
S-8-1502	4.38 (16.59)	4.49 (17.00)	4.59 (17.37)	4.69 (17.75)	4.78 (18.09)	4.89 (18.51)	4.99 (18.89)	5.09 (19.27)	5.27 (19.95)
S-8-1503	6.25 (23.66)	6.40 (24.22)	6.55 (24.79)	6.70 (25.36)	6.84 (25.89)	6.98 (26.42)	7.12 (26.95)	7.26 (27.48)	7.52 (28.46)
S-8-1504	11.04 (41.79)	11.32 (42.85)	11.59 (43.87)	11.85 (44.85)	12.10 (45.80)	12.35 (46.75)	12.59 (47.65)	12.83 (48.56)	13.30 (50.34)

Part No.	Pressure PSI (BAR)								
	29,000 (2,000)	30,000 (2,070)	31,000 (2,140)	32,000 (2,210)	33,000 (2,280)	34,000 (2,350)	35,000 (2,420)	36,000 (2,500)	40,000 (2,800)
S-8-15005	1.32 (5.00)	1.34 (5.07)	1.36 (5.15)	1.38 (5.22)	1.40 (5.30)	1.42 (5.38)	1.45 (5.49)	1.47 (5.56)	1.52 (5.75)
S-8-15006	1.79 (6.78)	1.82 (6.89)	1.85 (7.00)	1.88 (7.12)	1.91 (7.23)	1.94 (7.34)	1.97 (7.46)	2.00 (7.57)	2.13 (8.06)
S-8-1501	2.76 (10.45)	2.79 (10.56)	2.84 (10.75)	2.88 (10.90)	2.93 (11.09)	2.97 (11.24)	3.02 (11.43)	3.06 (11.58)	3.24 (12.26)
S-8-15015	3.90 (14.76)	3.98 (15.06)	4.04 (15.29)	4.10 (15.52)	4.17 (15.78)	4.23 (16.01)	4.29 (16.24)	4.35 (16.47)	4.56 (17.26)
S-8-1502	5.27 (19.95)	5.36 (20.29)	5.45 (20.63)	5.53 (20.93)	5.62 (21.27)	5.71 (21.61)	5.79 (21.92)	5.87 (22.22)	6.17 (23.35)
S-8-1503	7.52 (28.46)	7.65 (28.96)	7.77 (29.41)	7.90 (29.90)	8.02 (30.36)	8.14 (30.81)	8.26 (31.26)	8.38 (31.72)	8.87 (33.57)
S-8-1504	13.30 (50.34)	13.53 (51.21)	13.75 (52.04)	13.97 (52.88)	14.19 (53.71)	14.40 (54.50)	14.61 (55.30)	14.82 (56.09)	15.66 (59.27)