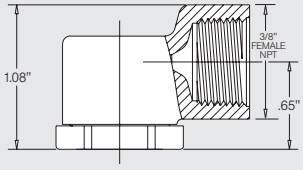
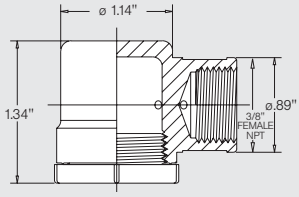
Hollow cone nozzles
Tangential-flow
Series 302 Plastic version

Uniform hollow cone spray using a clog-resistant design

Applications:
- Humidification
- Air washing
- Dust collectors
- Pasteurizer cooling lines
- Tunnel coolers



302. 32x – 302. 48x
Weight: .03 lb.



302. 52x – 302. 96x
Weight: .04 lb.

Spray angle	Ordering no. Type	Material no. Nylon 51	Material no. PP 53	Connection Female 3/8" NPT	Connection Female 3/8" BSPP	Orifice diam. (in.)	Free Passage (in.)	Flow Rate (Gallons Per Minute) 10 psi	20 psi	liters per minute 2 bar	30 psi	40 psi	60 psi	80 psi	100 psi	Spray Diameter D (in.) @ 30 psi H=10"	H=20"
90°	302. 326	○	-	-	00	.047	.035	.06	.09	.40	.11	.12	.15	.18	.20	16	28
	302. 366	○	-	-	00	.083	.051	.10	.14	.63	.17	.20	.24	.28	.31	16	28
	302. 406	○	-	-	00	.102	.055	.16	.22	1.0	.27	.31	.38	.44	.49	16	35
	302. 526	○	○	BF	-	.197	.079	.31	.44	2.0	.54	.62	.76	.88	.98	16	35
	302. 606	○	○	BF	-	.197	.126	.49	.69	3.2	.86	.98	1.2	1.4	1.5	18	37
	302. 766	○	-	BF	-	.355	.169	1.2	1.8	8.0	2.2	2.5	3.0	3.5	3.9	20	41
	302. 846	○	○	BF	-	.433	.205	1.9	2.7	12.5	3.4	3.9	4.8	5.5	6.1	22	45
	302. 886	○	○	BF	-	.433	.252	2.5	3.5	16.0	4.3	5.0	6.1	7.0	7.8	22	45
	302. 966	○	-	BF	-	.433	.339	3.9	5.5	25.0	6.7	7.8	9.5	11.0	12.3	22	45
130°	302. 408	○	-	-	00	.144	.051	.16	.22	1.0	.27	.31	.38	.44	.49	28	54
	302. 528	○	-	BF	-	.197	.079	.31	.44	2.0	.54	.62	.76	.88	.98	28	54
	302. 608	○	-	BF	-	.197	.126	.49	.69	3.2	.86	.98	1.2	1.4	1.5	31	60
	302. 648	-	○	BF	-	.296	.118	.62	.88	4.0	1.1	1.2	1.5	1.8	2.0	37	73
	302. 728	○	-	BF	-	.296	.162	.98	1.4	6.3	1.7	2.0	2.4	2.8	3.1	37	73
	302. 768	○	-	BF	-	.355	.169	1.2	1.8	8.0	2.2	2.5	3.0	3.5	3.9	37	73
	302. 848	○	-	BF	-	.433	.205	1.9	2.7	12.5	3.7	3.9	4.8	5.5	6.1	37	73
	302. 888	○	-	BF	-	.433	.252	2.5	3.5	16.0	4.3	5.0	6.1	7.0	7.9	37	73

Example for ordering:	Type	+	Material no.	+	Conn.	=	Ordering no.
	302. 566	+	51	+	BF	=	302. 566. 51. BF

Conversion formula for the above series: $V_2 = V_1 \sqrt{\frac{P_2}{P_1}}$

(See page 12 for symbol definitions.)