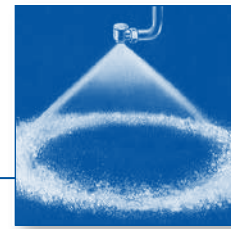




# Hollow cone nozzles

## Tangential-flow

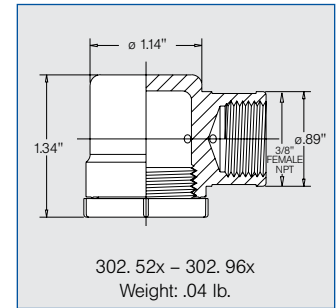
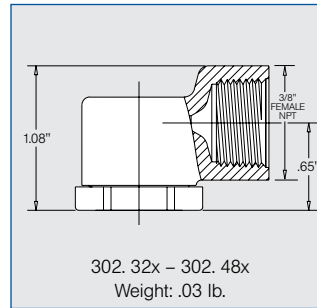
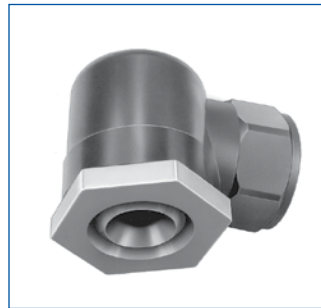
### Series 302 Plastic version



**Uniform hollow cone spray using a clog-resistant design**

**Applications:**

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



Spray angle	Ordering no.				Orifice diam. (in.)	Free Passage (in.)	Flow Rate (Gallons Per Minute)									Spray Diameter D (in.) @ 30 psi	
	Type	Material no.		Connection			10 psi	20 psi	liters per minute 2 bar	30 psi	40 psi	60 psi	80 psi	100 psi	H=10"	H=20"	
		Nylon	PE	Female 3/8" NPT													Female 3/8" BSPP
90°	302.326	○	-	-	00	.047	.035	.06	.09	.40	.11	.12	.15	.18	.20	16	28
	302.366	○	-	-	00	.050	.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**    Type    +    Material no.    +    Conn.    =    Ordering no.  
 for ordering: 302.566 + 51                    +    BF            =    302.566.51.BF

Hollow cone

A listing of alternatives for various assembly possibilities is shown in the Accessories section beginning on page 127.

Conversion formula for the above series:  $V_2 = V_1 \sqrt{\frac{P_2}{P_1}}$   
 (See page 12 for symbol definitions.)

