



# XT series

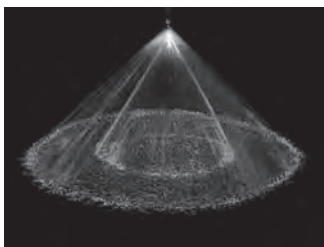
## FULL CONE Spray Nozzles

### DESIGN FEATURES

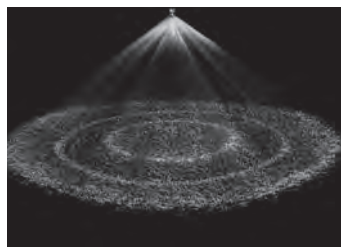
- \* 2 piece or 3 piece assembly
- \* Inter-changeable tips
- \* Exotic material in C276 Hastelloy or Silicon Carbide
- \* For Demanding applications
- \* Maximum Free Passage

### SPRAY CHARACTERISTICS

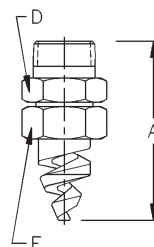
- Fine atomization
- Spray pattern:** Full Cone
- Spray angles:** 90° and 120° standard
- Flow rates:** 2.26 to 10700 l/min



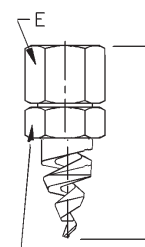
Full Cone 90°



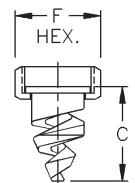
Full Cone 120°



3-piece Male



3-piece Female



2-piece Female

### FULL CONE FLOW RATE VS PRESSURE CHART

Size	Nozzle Number	K Factor	LITERS PER MINUTE @ BAR								Appr. (mm)		Approximate Dimensions (mm)						Wt. (kg)
			0.5 bar	0.7 bar	1 bar	2 bar	3 bar	5 bar	10 bar	20 bar	Free Orifice Pass. Dia.	Free Orifice Pass. Dia.	A	B	C	D	E	F	
1/4	XT6	3.19	2.26	2.67	3.19	4.5	5.5	7.1	10.1	14.3	2.38	2.38	63.5	65.0	30.0	17.5	17.5	20.6	0.09
	XT8	5.93	4.19	4.96	5.93	8.4	10.3	13.2	18.7	26.5	3.18	3.18	65.0	65.0	29.2	17.5	17.5	20.6	
	XT10	9.12	6.45	7.63	9.12	12.9	15.8	20.4	28.8	40.8	3.97	3.18	65.0	65.0	29.7	17.5	17.5	20.6	
3/8	XT12	13.7	9.67	11.4	13.7	19.3	23.7	30.6	43.2	61.1	4.76	3.18	74.7	74.7	33.3	23.9	23.9	28.7	0.14
	XT14	18.5	13.1	15.4	18.5	26.1	32.0	41.3	58.4	82.6	5.56	3.18	73.2	74.7	31.8	23.9	23.9	28.7	
	XT16	24.2	17.1	20.2	24.2	34.2	41.8	54.0	76.4	108	6.35	3.18	73.2	74.7	34.5	23.9	23.9	28.7	
	XT20	37.6	26.6	31.5	37.6	53.2	65.1	84.1	119	168	7.94	3.18	73.2	74.7	31.8	23.9	23.9	28.7	
3/4	XT24	54.9	38.8	46.0	54.9	77.7	95.1	123	174	246	9.53	4.76	90.4	95.3	30.2	35.1	35.1	38.1	0.28
	XT28	75.2	53.2	62.9	75.2	106	130	168	238	336	11.1	4.76	89.7	95.3	45.2	35.1	35.1	38.1	
	XT32	95.7	67.7	80.1	95.7	135	166	214	303	428	12.7	4.76	93.7	95.3	44.7	35.1	35.1	38.1	
1	XT40	153	108	128	153	216	264	341	483	683	15.9	6.35	116	116	61.0	47.8	44.5	50.8	0.57
	XT48	216	153	181	216	306	375	484	685	968	19.1	6.35	116	116	60.5	47.8	44.5	50.8	
1 1/2	XT56	294	208	246	294	416	509	657	930	1320	22.2	7.94	143	145	84.8	49.3	54.1	55.6	0.79
	XT64	385	272	322	385	545	667	861	1220	1720	25.4	7.94	143	145	85.6	49.3	54.1	55.6	
	XT72	438	309	366	438	619	758	978	1380	1960	28.6	7.94	143	145	83.8	49.3	54.1	55.6	
2	XT88	638	451	534	638	902	1110	1430	2020	2850	34.9	11.1	194	162	121	76.2	88.9	88.9	2.27
	XT96	806	570	674	806	1140	1400	1800	2550	3600	38.1	11.1	229	210	143	92.2	102	102	3.18
3	XT112	1170	826	977	1170	1650	2020	2610	3690	5220	44.5	14.3	251	168	92.2	102	102	102	4.08
	XT128	1540	1090	1290	1540	2180	2670	3450	4880	6900	50.8	14.3	270	185	92.2	102	102	102	
4	XT160	2390	1690	2000	2390	3380	4140	5350	7570	10700	63.5	15.9	295	208	116	127	127	127	6.35

Flow Rate (l<sub>min</sub>) = K bar

Standard Materials: Base and Caps - 316 Stainless Steel; Tip - C276 Hastelloy or Silicon Carbide