



THE
SPRAY NOZZLE
PEOPLE

XASR

Siphon-fed Round
Internal Mix
Narrow Full Cone



AIR ATOMISING

DESIGN FEATURES

- ✓ Siphon fed - does not require pressurised fluid feed, only air
- ✓ Internal mix
- ✓ Very low flow rates
- ✓ Modular design allows swapping between nozzle type by changing air and fluid caps
- ✓ Different body options with variable inlet orientations
- ✓ Adaptor for mounting the nozzles through walls
- ✓ Optional air shut off system
- ✓ Optional clean out pins

SPRAY CHARACTERISTICS

- ✓ Spray pattern: Narrow Full Cone
- ✓ Spray angles: 12° to 22°
- ✓ Flow rates: 0.5-31 l/hr
- ✓ Very fine atomisation
- ✓ Short to moderate forward spray projection



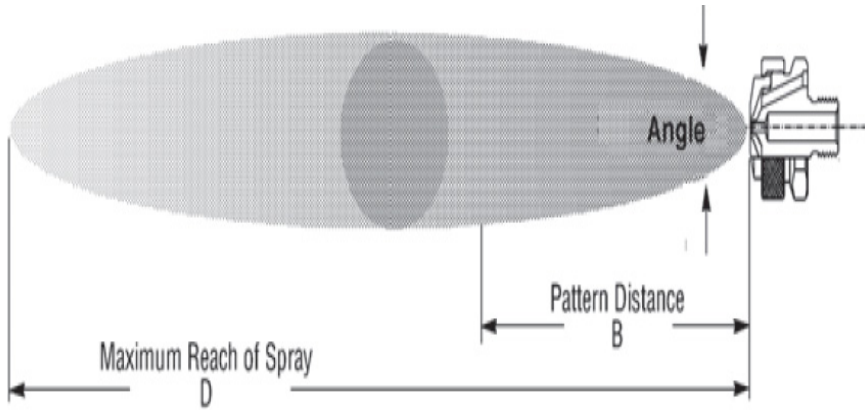
The XASR is a siphon fed, internal mix, air atomising nozzle. Its siphon-fed design means that the fluid feed does not need to be pressurised. So, no fluid pump is required. This design also allows for very low flow rates below 1 litre per hour. The XASR can be useful in a number of applications including:

Coating
Humidification
Disinfecting
And more.

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The Go-to People for spray nozzle solutions



XASR Set-up Flow Rates and Dimensions

Siphon-fed, External Mix, Round Spray Pattern, 1/8" and 1/4" Pipe Sizes, BSP or NPT
Standard Materials: Nickel-plated Brass, 303 and 316 Stainless Steel

Liquid Capacity in litres per hour

Spray Set-up	Fluid & Air Cap	Atomising Air		Gravity Head (mm)			Siphon Height (mm)			Spray Dimensions at 200 mm Siphon Height					
		Air bar	Nm ³ /hr	450	300	150	100	200	300	600	900	Air bar	Spray Angle	B mm	D m
SR050	FC7 & AC1201	0.7	0.66	1.5	1.3	1.1	0.9	0.7	0.5			0.7	18	280	1.8
		1.5	1.02	1.8	1.7	1.5	1.3	1.2	1.1	0.6		1.5	18	280	1.9
		3	1.68	2.1	1.9	1.7	1.5	1.4	1.3	1.1	0.8	3	18	300	2.3
		4	2.16	2.2	2	1.8	1.6	1.5	1.4	1.2	0.9	4	18	360	2.6
SR150	FC4 & AC1201	0.7	0.78	2.4	2.1	1.7	1.5	1.2	0.8			0.7	18	300	2.1
		1.5	1.2	2.8	2.6	2.4	2.1	1.9	1.6	0.9		1.5	18	330	2.3
		3	1.92	3.4	3.1	2.9	2.8	2.6	2.4	1.7	1.1	3	18	380	2.6
		4	2.46	3.7	3.4	3.3	3.1	2.9	2.7	2.1	1.5	4	19	430	3
SR200	FC4 & AC1202	0.7	1.38	2.5	2.3	2	1.6	1.4	1.1			0.7	18	300	2.4
		1.5	2.16	2.9	2.8	2.5	2.2	2	1.7	0.9		1.5	18	330	2.7
		3	3.48	3.4	3.3	3.2	2.9	2.8	2.5	1.9	1.2	3	19	380	3.4
		4	4.44	3.7	3.6	3.5	3.4	3.3	3	2.5	2	4	20	430	4
SR250	FC3 & AC1202	0.7	1.14	4.5	4	3.4	2.1	1.8	1.4			0.7	21	380	3
		1.5	1.86	5.3	4.9	4.4	3.5	2.9	2.7	1.8		1.5	21	410	3.4
		3	3	6	5.6	5	4.4	4	3.4	2.4	1.2	3	21	460	4
		4	3.9	5.7	5.4	5	4.2	3.9	3.5	2.8	1.9	4	22	510	4.6
SR400	FC1 & AC1204	1.5	3.48	22	19.9	16.3	12.3	10.5	8.3	2.8		1.5	17	460	3.7
		3	5.28	25	23	19.5	16.7	14.2	11.5	6.4	2.8	3	18	510	4.3
		4	6.66	26	24	21	18.4	15.7	12.9	7.9	4.5	4	18	530	4.9
		5.6	8.82	26	24	22	19.7	17	14.6	9.8	6.1	5.6	19	580	5.5
SR450	FC5 & AC1205	2	8.64				27	22	16.8			2	20	510	6.7
		3	11.4				30	26	21			3	20	530	7
		4	14.4		43	40	31	28	23	11		4	21	580	7.6
		5.6	18.9	44	42	39	31	28	24	16.7	8.3	5.6	22	630	8.2