ASP Nozzles

Aspirator Nozzle for atomization

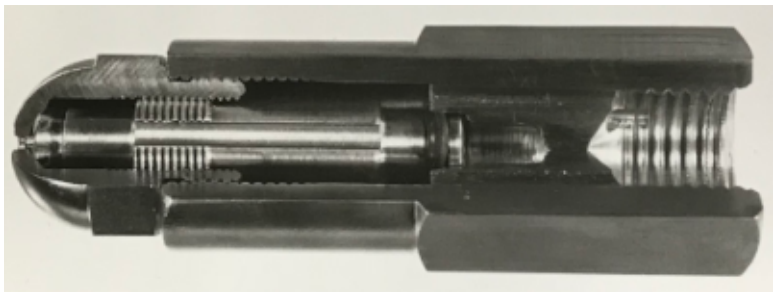
INDUSTRIAL OIL NOZZLE

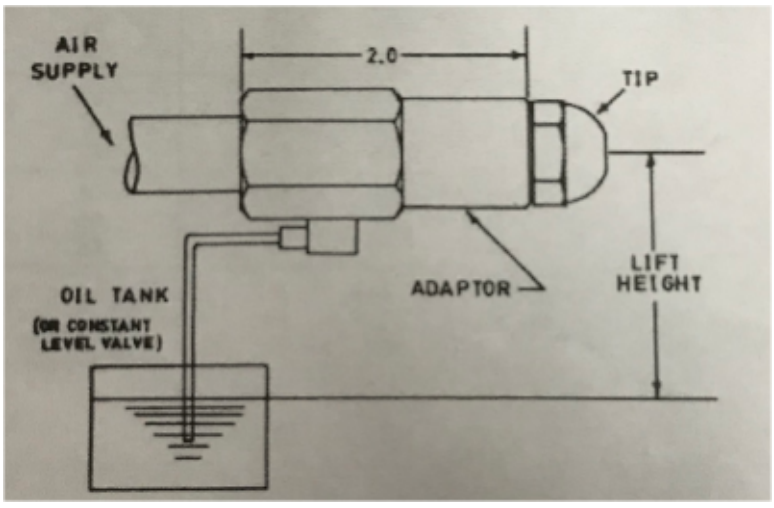
THE MONARCH ASP ASPIRATOR NOZZLE is an air operated nozzle which produces an extremely fine, fog - like atomization. The nozzle requires no pump for oil pressure since the air pressure creates a suction in the oil line which drwas the oil into the nozzle.



Features:

-Produces a solid cone spray pattern with extremely fine droplet size.
-Low air pressures and CFM required for operation.
-Internal nozzle passages are large and the nozzle produces very low flow rates without risk of clogging. No filter is required.



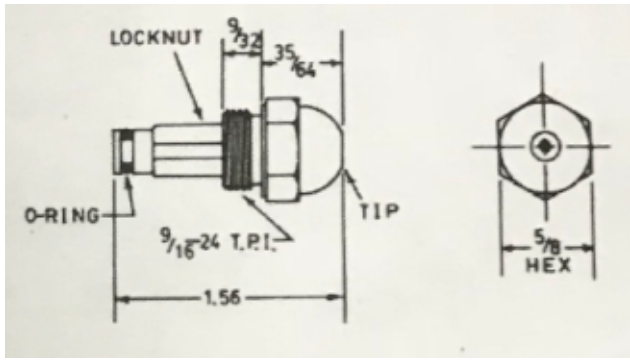


SOLID CONE SPRAY NOZZLES

Cone Spray Nozzles in which the cross section distribution shows little or no droplets in the center and with most of the spray concentrated at the outer edge.

CFM

Cubic feet per minute (cubic foot per minute). A measure of the volume of gas usually air) describes the spray. Spray nozzle operated in an air nozzle.



Each nozzle is individually tested on oil for capacity, spray angle and spray quality - your guarantee of a good nozzle every time.

Tip and Disc are made of a High Chrome grade of Stainless Steel of maximum heat and wear resistance.

PIPE CONNECTIONS (Adaptor):

Air Connection - **1/4" NPT Female**
Oil Connection - 1/8" NPT Female

MATERIALS:

TIP: Stainless Steel
DISC: Stainless Steel
LOCKNUT: Brass
O-Ring: Buna N

SPRAY ANGLE: 60°

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ASP Aspirator Nozzle Capacity Chart

Code Number	Nozzle Type	3 PSIG Air		4 PSIG Air		5 PSIG Air		Lift Height Inches
		Fuel (GPH)	Air(CFM)	Fuel (GPH)	Air(CFM)	Fuel (GPH)	Air(CFM)	
ASP20	ASP 0.20 GPH	0.19	0.36	0.23	0.45	0.25	0.49	1
		0.16		0.20		0.22		4
		0.14		0.17		0.20		7
ASP30	ASP 0.30 GPH	0.29	0.41	0.33	0.49	0.36	0.55	1
		0.26		0.30		0.33		4
		0.23		0.27		0.30		7
ASP40	ASP 0.40 GPH	0.38	0.45	0.44	0.54	0.49	0.61	1
		0.34		0.40		0.45		4
		0.30		0.36		0.41		7
ASP50	ASP 0.50 GPH	0.48	0.5	0.54	0.59	0.58	0.65	1
		0.43		0.50		0.53		4
		0.38		0.46		0.48		7
ASP65	ASP 0.65 GPH	0.63	0.59	0.72	0.67	0.78	0.76	1
		0.57		0.65		0.72		4
		0.51		0.58		0.66		7
ASP75	ASP 0.75 GPH	0.75	0.63	0.83	0.74	0.93	0.87	1
		0.65		0.75		0.84		4
		0.59		0.67		0.75		7
ASP85	ASP 0.85 GPH	0.84	0.71	0.93	0.8	1.04	0.93	1
		0.75		0.85		0.95		4
		0.66		0.77		0.86		7
ASP100	ASP 1.00 GPH	0.96	0.73	1.10	0.91	1.15	1.02	1
		0.84		1.00		1.06		4
		0.72		0.90		0.97		7

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