



The tapered inner cylinder inside the entire length of the screen provides a gap between the screen face and the cylinder. This gap causes the inlet fluid to flow at a high velocity past the screen face. Providing for a continuous washdown of particles to the bypass line. In order for the washdown to occur, a minimum flow rate of 8 GPM (30 l/min) is required through the bypass. The bypass line returns the particles back to the source tank where they are cleaned out once the spraying operation is complete.

Note:  
Use self-cleaning strainer on the discharge side of the pump only.

Maximum Recommended Pressure - 150 PSI (10 Bar)

STRAINER No.	PIPE CONN. (FEMALE)	BYPASS CONN. (FEMALE)	SCREENS				NET WEIGHT
			MESH SIZE	OPENING	COLOR CODE	FULL AREA	
AA124-1-1/4SC-AL	1 1/4" NPT	3/4" NPT	16	.045" (1.1 mm)	None	41 Sq. In. (260 cm <sup>2</sup> )	42 oz. (1.2 kg)
AA124-1-1/2SC-AL	1 1/2" NPT		30	.021" (0.53 mm)	Flame Red		
AAB124-1-1/4SC-AL	1 1/4" BSPT	3/4" BSPT	80	.007" (0.18 mm)	Zinc Yellow		
AAB124-1-1/2SC-AL	1 1/2" BSPT		100	.0055" (0.14 mm)	Traffic Green		
			200	.0029" (0.07 mm)	Light Pink		

**Description:**

No. AA\_124-1-1/4SC-AL &  
No. AA\_124-1-1/2SC-AL  
Self-Cleaning Liquid Strainers



**Spraying Systems Co.**<sup>®</sup>

Spray Nozzles and Accessories  
P.O. Box 7900 - Wheaton, IL 60187-7901

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Ref.

Data Sheet No.  
124-SC-AL  
Sheet Of