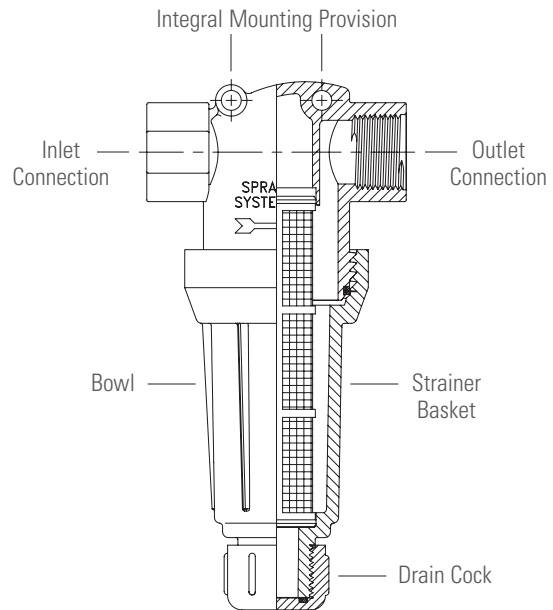


OVERVIEW: LIQUID STRAINERS

- Liquid strainers protect nozzles, valves and pumps from damaging debris and minimize clogging
- Wire mesh options ensure screening of particulate as small as 63 microns

T-Style Strainer

T-strainers feature a removable bottom cap or plug for complete withdrawal of the screen assembly during cleaning. On some models, the bottom pipe plug can be replaced with a drain cock for quick-flush cleaning. Models with a clear nylon bowl allow easy visual inspection of the internal screen. Self-clean designs allow filtered liquid to pass through, while liquid particles are returned back to the liquid supply through a return outlet.



STRAINER OPTIONS

TWD

1/4", 3/8", 1/2", 3/4", 1", 1-1/4", 1-1/2", 2", 2-1/2" female conn.

Removable bottom plug for easy screen cleaning

Bottom plug can be replaced with drain cock for flush cleaning

Max. pressure: 300 psi (20 bar)

Materials: Aluminum, brass, stainless steel

Mesh: 16, 30, 50, 80, 100, 40 x 200 Dutch weave



16106

1-1/2", 2", 2-1/2" female conn.

Removable bottom plug for easy screen cleaning

Bottom plug can be replaced with drain cock for flush cleaning

Max. pressure: 200 psi (14 bar)

Materials: Brass, stainless steel

Mesh: 16, 50, 80, 100



9830

3/4", 1" female conn.

Hand removable ribbed bottom cap for easy cleaning of screen

Max. pressure: 300 psi (20 bar)

Materials: Aluminum, brass, ductile iron

Mesh: 16, 50, 100



AA122

1/2", 3/4" female conn.

Hand removable outer bowl for easy screen cleaning

Max. pressure: 150 psi at 100°F (10 bar at 38°C)

Materials: Polypropylene, polypropylene head with clear nylon bowl

Mesh: 15, 30, 50, 80, 100, 200, 40 x 200 Dutch weave



STRAINER OPTIONS

AA124/AA430

3/4", 1", 1-1/4", 1-1/2", 2", 2-1/2" female conn.*

Larger size screen area requires less frequent cleaning

Self-cleaning styles and versions with mounting lugs available

AA124 and AA430 versions are the same except for materials and inlet connections



Strainer Type	Strainer Part No.	Material**	Max. Pressure	Mesh Sizes
124	AA124-AL	Aluminum head/nylon bowl	150 psi (10 bar)	16, 30, 50, 80, 100
124ML with mounting holes***	AA124ML-AL	Aluminum head/nylon bowl	150 psi (10 bar)	16, 30, 50, 80, 100
124A self-cleaning version	AA124ASC-NYB	Aluminum head/nylon bowl	110 psi (8 bar)	16, 30, 50, 80, 100
430ML with mounting holes***	AA430ML	Polypropylene head/nylon bowl	110 psi (8 bar)	16, 30, 50, 80, 100, 120, 200****
430 self-cleaning version	AA430SC	Polypropylene head/nylon bowl	75 psi (5 bar)	16, 30, 50, 80, 100, 120, 200****

*Inlet connections vary. See pages F8 and F9.

**Max. temperature for plastic 100°F (38°C); max. temperature for metal 180°F (82°C).

***For mounting on machinery or angle iron.

****120 only for 1-1/4" and 1-1/2" sizes; 200 only for 3/4" and 1" sizes.

15925

3/4", 1" female conn.

Removable bottom plug for easy flush cleaning of screen

Max. pressure: 2000 psi at 150°F (138 bar at 66°C)

Material: Black oxide-coated mild steel body

Mesh: 50

**8310A**

1/4", 3/8", 1/2" female conn.

Removable bottom plug for easy flush cleaning of screen

Max. pressure: 5000 psi at 150°F (345 bar at 66°C)

Material: Stainless steel

Mesh: 16, 30, 50, 100

**2820**

1/4", 3/8", 1/2" female inlet conn.

1/4" female outlet conn.

Max. pressure: 5000 psi at 150°F (345 bar at 66°C)

Material: Stainless steel

Mesh: 16, 30, 50, 100

**MATERIAL****CODE**

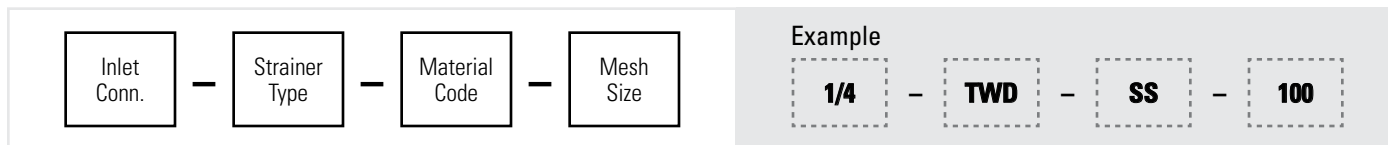
Aluminum	AL
Brass	B
Ductile Iron	No code
Nylon	NYB
Polypropylene	PP
Polypropylene head/clear nylon bowl	NYC
303 stainless steel	SS
316 stainless steel	316SS

MESH SELECTION GUIDE

Mesh Size	Wire Dia. (in.)	Mesh Opening (in.)	Mesh Opening (microns)	Percentage Open Area	Orifice Dia. (in.)
16	0.016	0.045	1143	55.4	0.032 and larger
20	0.016	0.0340	864	46.2	0.032 and larger
30	0.012	0.0213	541	40.8	0.032 and larger
50	0.009	0.0110	279	30.3	0.032 and larger
60	0.0075	0.0092	234	30.5	0.019 through 0.031
80	0.0055	0.0070	177	31.4	0.019 through 0.031
100	0.0045	0.0055	140	30.3	0.019 through 0.031
120	0.0037	0.0046	118	30.1	0.019 through 0.031
200	0.0021	0.0029	74	33.6	Up through 0.018
40 x 200 Dutch Weave	0.007 x 0.005	0.003	63	–	Up through 0.018

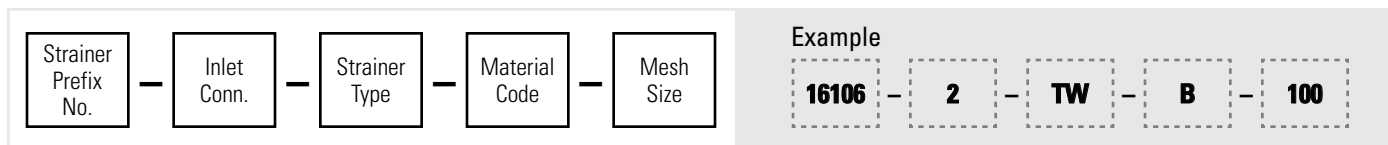
ORDERING INFORMATION

TWD STRAINER



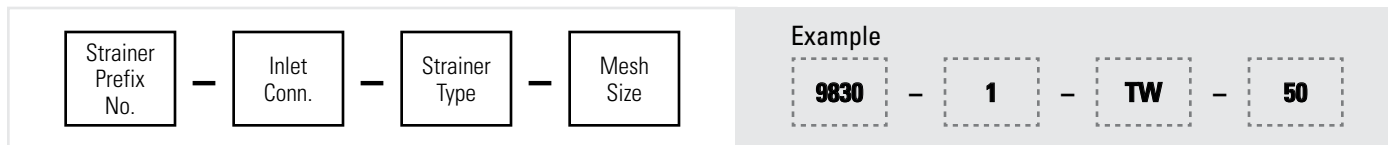
BSPT connections require the addition of a "B" prior to the inlet connection.

16106 STRAINER



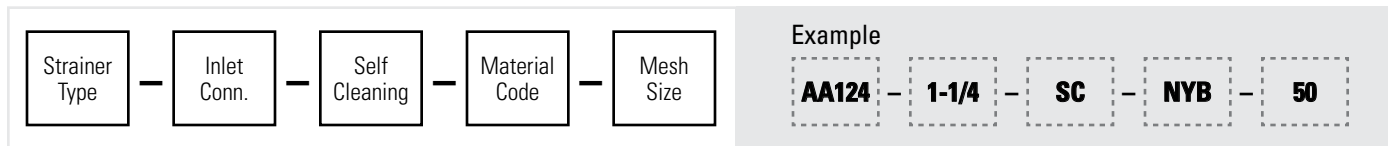
BSPT connections require the addition of a "B" prior to the inlet connection.

9830 STRAINER



BSPT connections require the addition of a "B" prior to the inlet connection.

AA124 SELF-CLEANING STRAINER



BSPT connections require the addition of a "B" prior to the inlet connection.

ORDERING INFORMATION

15925 STRAINER

<div style="border: 1px solid black; padding: 5px; display: inline-block;">Strainer Type</div> - <div style="border: 1px solid black; padding: 5px; display: inline-block;">Inlet Conn.</div>	<p>Example</p> <div style="border: 1px dashed gray; padding: 5px; display: inline-block; margin-right: 10px;">15925</div> - <div style="border: 1px dashed gray; padding: 5px; display: inline-block; margin-right: 10px;">3/4</div>
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BSPT connections require the addition of a "B" prior to the inlet connection.

8310A STRAINER

<div style="border: 1px solid black; padding: 5px; display: inline-block; margin-right: 10px;">Strainer Type</div> - <div style="border: 1px solid black; padding: 5px; display: inline-block; margin-right: 10px;">Inlet Conn.</div> - <div style="border: 1px solid black; padding: 5px; display: inline-block;">Mesh Size</div>	<p>Example</p> <div style="border: 1px dashed gray; padding: 5px; display: inline-block; margin-right: 10px;">8310A</div> - <div style="border: 1px dashed gray; padding: 5px; display: inline-block; margin-right: 10px;">3/8</div> - <div style="border: 1px dashed gray; padding: 5px; display: inline-block;">100</div>
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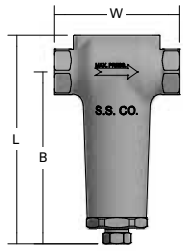
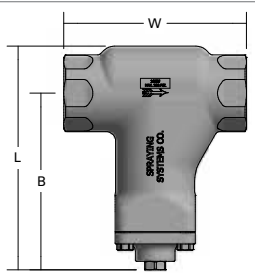
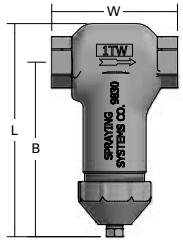
BSPT connections require the addition of a "B" prior to the inlet connection.

2820 STRAINER

<div style="border: 1px solid black; padding: 5px; display: inline-block; margin-right: 10px;">Strainer Type</div> - <div style="border: 1px solid black; padding: 5px; display: inline-block; margin-right: 10px;">Inlet Conn.</div> - <div style="border: 1px solid black; padding: 5px; display: inline-block; margin-right: 10px;">Material Code</div> - <div style="border: 1px solid black; padding: 5px; display: inline-block;">Mesh Size</div>	<p>Example</p> <div style="border: 1px dashed gray; padding: 5px; display: inline-block; margin-right: 10px;">2820</div> - <div style="border: 1px dashed gray; padding: 5px; display: inline-block; margin-right: 10px;">1/4</div> - <div style="border: 1px dashed gray; padding: 5px; display: inline-block; margin-right: 10px;">SS</div> - <div style="border: 1px dashed gray; padding: 5px; display: inline-block;">16</div>
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BSPT connections require the addition of a "B" prior to the inlet connection.

DIMENSIONS AND WEIGHTS

Strainer	Accessory Type	Inlet Conn. (in.)	L (in.)	W (in.)	B (in.)	Net Weight (oz.)
	TWD	1/4	3.922	2.500	3.235	24.9
		3/8	4.905	3.250	3.965	28.2
		1/2	4.905	3.250	3.965	28.2
		3/4	7.535	4.500	6.225	80.4
		1	7.535	4.500	6.225	76.7
		1-1/4	10.320	6.000	8.380	190.2
		1-1/2	10.320	6.000	8.380	183.5
		2	12.365	8.000	9.805	357.8
		2-1/2	12.365	8.000	9.805	334.1
	16106	1-1/2	9.0	7.250	7.240	188.9
		2	11.310	9.250	8.940	416.2
		2-1/2	11.310	9.250	8.940	392.9
	9830	3/4	8.180	5.250	7.187	140.6
		1	8.180	5.250	7.187	136.8

Based on the largest/heaviest version of each type.



DIMENSIONS AND WEIGHTS

Strainer	Accessory Type	Inlet Conn. (in.)	L (in.)	W (in.)	A (in.)	B (in.)	C (in.)	Net Weight (oz.)
	AA122	1/2	4.014	3.063	–	3.625	–	3.4
		3/4	4.014	3.063	–	3.625	–	3.2
	AA124	1-1/4	9.400	5.344	–	8.020	–	77.2
		1-1/2	9.400	5.344	–	8.020	–	76.9
		2	12.000	7.438	–	10.000	–	215.2
		2-1/2	12.000	7.438	–	10.000	–	204.9
	AA124SC	1-1/4	8.750	5.343	–	7.355	–	53.3
		1-1/2	8.750	5.343	–	7.355	–	52.2
	AA124ML	3/4	7.953	4.188	1	5.891	7.453	31.0
		1	7.953	4.188	1	5.891	7.453	30.3
		1-1/4	9.688	5.344	1.5	7.234	9.156	41.6
		1-1/2	9.688	5.344	1.5	7.234	9.156	39.2
		2	14.480	7.438	2.375	11.234	13.855	107.9
		2-1/2	14.480	7.375	2.375	11.234	13.855	103.0
	AA124ASC	3/4	8.325	4.188	–	7.170	–	52.5
		1	8.325	4.188	–	7.170	–	50.4

Based on the largest/heaviest version of each type.



DIMENSIONS AND WEIGHTS

Strainer	Accessory Type	Inlet Conn. (in.)	L (in.)	W (in.)	A (in.)	B (in.)	D (Dia.) (in.)	Net Weight (oz.)
	AA430ML	3/4	8.855	4.510	1.575	7.955	–	15.2
		1	8.855	4.510	1.575	7.955	–	14.1
		1-1/4	11.791	5.600	1.535	10.534	–	32.5
		1-1/2	11.791	5.600	1.535	10.534	–	33.2
	AA430MLSC	3/4	8.738	4.510	1.575	7.838	–	21.9
		1	8.738	4.510	1.575	7.838	–	21.2
		1-1/4	11.816	5.600	1.535	10.561	–	31.0
		1-1/2	11.816	5.600	1.535	10.561	–	31.7
	15925	3/4	11.660	3.750	–	10.650	–	212.5
		1	11.660	3.750	–	10.650	–	208.7
	8310A	1/4	6.090	2.750	–	5.340	–	76.9
		3/8	6.090	2.750	–	5.340	–	75.8
		1/2	6.090	2.750	–	5.340	–	74.8
	2820	1/4	5.438	–	–	–	1.875	51.0
		3/8	5.438	–	–	–	1.875	51.0
		1/2	5.438	–	–	–	1.875	50.2

Based on the largest/heaviest version of each type.