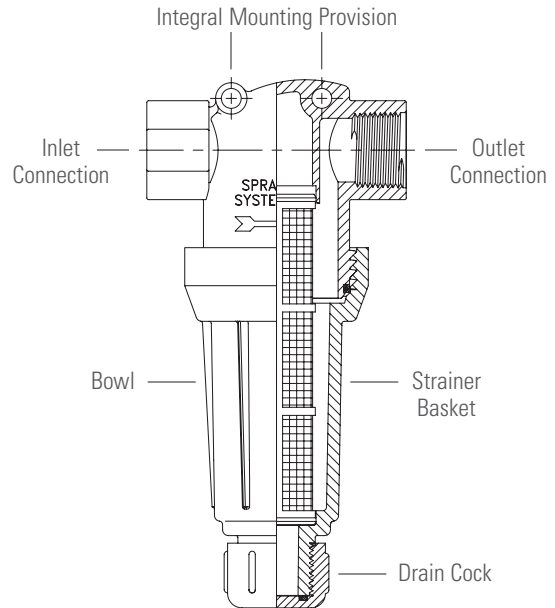


**OVERVIEW: LIQUID STRAINERS**

- 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. (mm)	Mesh Opening (mm)	Mesh Opening (microns)	Percentage Open Area	Orifice Dia. (mm)
16	0.41	1.15	1143	55.4	0.80 and larger
20	0.41	0.87	864	46.2	0.80 and larger
30	0.31	0.55	541	40.8	0.80 and larger
50	0.23	0.28	279	30.3	0.80 and larger
60	0.19	0.24	234	30.5	0.47 through 0.79
80	0.14	0.18	177	31.4	0.47 through 0.79
100	0.12	0.14	140	30.3	0.47 through 0.79
120	0.09	0.12	118	30.1	0.47 through 0.79
200	0.05	0.07	74	33.6	Up through 0.46
40 x 200 Dutch Weave	0.18 x 0.13	0.08	63	–	Up through 0.46

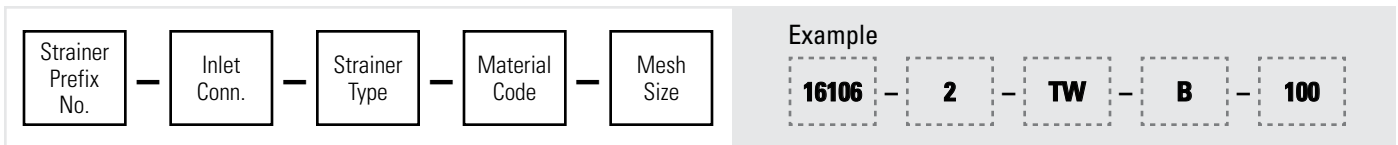
ORDERING INFORMATION

TWD STRAINER



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

16106 STRAINER



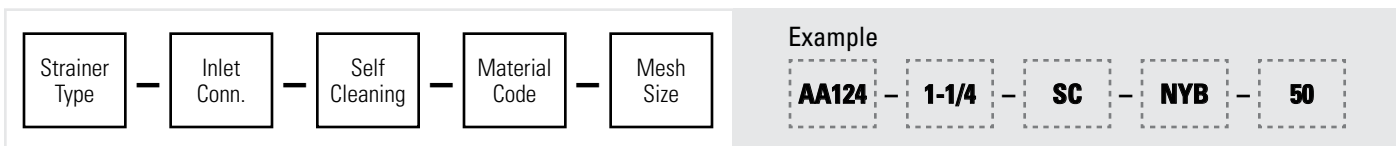
BSPT connections require the addition of a "B" prior to the inlet connection.

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> <span style="font-size: 24px; margin: 0 10px;">-</span> <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> <span style="font-size: 24px; margin: 0 10px;">-</span> <div style="border: 1px dashed gray; padding: 5px; display: inline-block;">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;">Strainer Type</div> <span style="font-size: 24px; margin: 0 10px;">-</span> <div style="border: 1px solid black; padding: 5px; display: inline-block;">Inlet Conn.</div> <span style="font-size: 24px; margin: 0 10px;">-</span> <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> <span style="font-size: 24px; margin: 0 10px;">-</span> <div style="border: 1px dashed gray; padding: 5px; display: inline-block; margin-right: 10px;">3/8</div> <span style="font-size: 24px; margin: 0 10px;">-</span> <div style="border: 1px dashed gray; padding: 5px; display: inline-block;">100</div>
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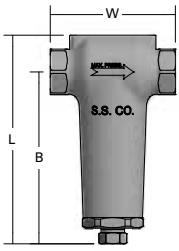
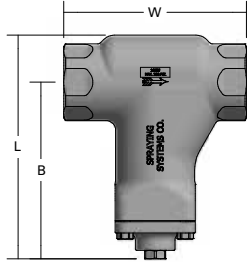
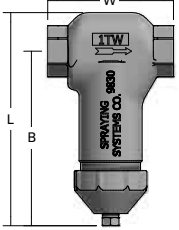
BSPT connections require the addition of a "B" prior to the inlet connection.

2820 STRAINER

<div style="border: 1px solid black; padding: 5px; display: inline-block;">Strainer Type</div> <span style="font-size: 24px; margin: 0 10px;">-</span> <div style="border: 1px solid black; padding: 5px; display: inline-block;">Inlet Conn.</div> <span style="font-size: 24px; margin: 0 10px;">-</span> <div style="border: 1px solid black; padding: 5px; display: inline-block;">Material Code</div> <span style="font-size: 24px; margin: 0 10px;">-</span> <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> <span style="font-size: 24px; margin: 0 10px;">-</span> <div style="border: 1px dashed gray; padding: 5px; display: inline-block; margin-right: 10px;">1/4</div> <span style="font-size: 24px; margin: 0 10px;">-</span> <div style="border: 1px dashed gray; padding: 5px; display: inline-block; margin-right: 10px;">SS</div> <span style="font-size: 24px; margin: 0 10px;">-</span> <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 (mm)	W (mm)	B (mm)	Net Weight (kg)
	<b>TWD</b>	1/4	99.6	63.5	82.2	0.71
		3/8	124.6	82.6	100.7	0.80
		1/2	124.6	82.6	100.7	0.80
		3/4	191.4	114.3	158.1	2.28
		1	191.4	114.3	158.1	2.17
		1-1/4	262.1	152.4	212.9	5.39
		1-1/2	262.1	152.4	212.9	5.20
		2	314.1	203.2	249	10.14
		2-1/2	314.1	203.2	249	9.47
	<b>16106</b>	1-1/2	228.3	184.2	183.9	5.35
		2	287.3	235	227.1	11.80
		2-1/2	287.3	235	227.1	11.14
	<b>9830</b>	3/4	207.8	133.4	182.5	3.99
		1	207.8	133.4	182.5	3.88

Based on the largest/heaviest version of each type.

DIMENSIONS AND WEIGHTS

Strainer	Accessory Type	Inlet Conn. (in.)	L (mm)	W (mm)	A (mm)	B (mm)	C (mm)	Net Weight (kg)
	AA122	1/2	102	77.8	-	92.1	-	0.11
		3/4	102	77.8	-	92.1	-	0.10
	AA124	1-1/4	238.8	135.7	-	203.7	-	2.19
		1-1/2	238.8	135.7	-	203.7	-	2.18
		2	304.8	188.9	-	254	-	6.10
		2-1/2	304.8	188.9	-	254	-	5.81
	AA124SC	1-1/4	222.3	135.7	-	186.8	-	1.51
		1-1/2	222.3	135.7	-	186.8	-	1.48
	AA124ML	3/4	202	135.7	25.4	149.6	189.3	0.88
		1	202	135.7	25.4	149.6	189.3	0.86
		1-1/4	246.1	135.7	38.1	183.7	232.6	1.18
		1-1/2	246.1	135.7	38.1	183.7	232.6	1.11
		2	367.8	135.7	60.3	285.3	351.9	3.06
		2-1/2	367.8	135.7	60.3	285.3	351.9	2.92
	AA124ASC	3/4	211.5	106.4	-	182.1	-	1.49
		1	211.5	106.4	-	182.1	-	1.43

Based on the largest/heaviest version of each type.



## DIMENSIONS AND WEIGHTS

Strainer	Accessory Type	Inlet Conn. (in.)	L (mm)	W (mm)	A (mm)	B (mm)	D (Dia.) (mm)	Net Weight (kg)
	AA430ML	3/4	224.9	114.6	40	202.1	–	0.43
		1	224.9	114.6	40	202.1	–	0.40
		1-1/4	299.5	142.2	39	267.6	–	0.92
		1-1/2	299.5	142.2	39	267.6	–	0.94
	AA430MLSC	3/4	221.9	114.6	40	199.1	–	0.62
		1	221.9	114.6	40	199.1	–	0.60
		1-1/4	300.1	142.2	39	268.2	–	0.88
		1-1/2	300.1	142.2	39	268.2	–	0.90
	15925	3/4	296.2	95.3	–	270.5	–	6.02
		1	296.2	95.3	–	270.5	–	5.92
	8310A	1/4	154.7	69.9	–	135.6	–	2.18
		3/8	154.7	69.9	–	135.6	–	2.15
		1/2	154.7	69.9	–	135.6	–	2.12
	2820	1/4	138.1	–	–	–	47.6	1.45
		3/8	138.1	–	–	–	47.6	1.45
		1/2	138.1	–	–	–	47.6	1.42

Based on the largest/heaviest version of each type.