



TeeJet Strainers

Strainers protect spray tip orifices from clogging and damage. Stainless steel screens in 24, 50, 100 and 200 mesh. Polypropylene screens available in 25 and 50 mesh only.

TEEJET STRAINER NUMBER	STRAINER BODY AND CAP MATERIAL	MESH SCREEN MATERIAL
5053*	Brass	Stainless Steel
8079-PP*	Polypropylene	Stainless Steel
6051-SS*	Stainless Steel	Stainless Steel
19845-PP*	Polypropylene	Polypropylene

*Specify mesh size when ordering.

TeeJet Strainers with VisiFlo® color-coding

Nylon slotted and polypropylene wire mesh strainers are color-coded for easy identification of strainer mesh size.

MESH SIZE	COLOR CODE
16	Grey
24	White
30	Yellow
50	Red
80	Blue
100	Green
200	Orange



TeeJet Slotted Strainers

One-piece strainers for use with liquids containing suspended solids.



TEEJET STRAINER NUMBER	AVAILABLE MATERIAL	EQUIVALENT TO MESH SIZE
4514-*-10	Brass or Nylon	50
4514-*-20	Brass, Aluminum or Nylon	25
4514-*-32	Brass, Aluminum or Nylon	16

*Above numbers for brass. For Nylon add "NY". For aluminum add "AL".

4193A TeeJet Strainer and Check Valve

Minimizes nozzle dripping, fits all TeeJet nozzles. Ball check opens at 5 PSI (0.34 bar). Recommended for flow rates up to 0.8 GPM (3 l/min). 24, 50, 100 and 200 mesh screens. Not for use with AI or DG tips.



Note: Use of these ball check valves results in a pressure drop of 5 PSI (0.34 bar) to 10 PSI (0.7 bar) depending on spring rating.

CHECK VALVE NUMBER	BODY AND CAP SCREW MATERIAL	MESH SCREEN MATERIAL
4193A- * - *	Brass	Stainless Steel
4193A-SS- * - *	Stainless Steel	Stainless Steel
4193A-PP- * - *	Polypropylene	Stainless Steel

*When ordering, specify spring rating and screen mesh size.

TeeJet® Line Strainers

The AA122 line strainer features a compact size that is well-suited for small agricultural and turf sprayers. The AA122 is constructed of polypropylene head and bowl with stainless steel screen for

excellent chemical resistance and are available in 1/2" or 3/4" (F) NPT pipe connections. The maximum pressure rating is 150 PSI (10 bar).



37270-122-PP

The screen may be periodically flushed by opening a valve (valve not included) in flush-out line.

STRAINER NUMBER	PIPE CONN.	APPROXIMATE FLOW RATE WITH 5 PSI (0.34 bar) PRESSURE DROP IN GPM (l/min)	SCREENS		PRESSURE RATING PSI (bar)
			MESH SIZE	PART NUMBER	
AA(B)122-1/2-PP-*	1/2"	12 (45)	16	CP23174-1-SS	150 PSI (10)
AA(B)122-3/4-PP-*	3/4"	16 (60)	30	CP23174-2-SS	
AA(B)122ML-1/2-PP-*	1/2"	12 (45)	50	CP45102-3-SSPP	
AA(B)122ML-3/4-PP-*	3/4"	16 (60)	80	CP45102-4-SSPP	
(B)37270-122-1/2-PP-*	1/2"	12 (45)	100	CP45102-5-SSPP	
(B)37270-122-3/4-PP-*	3/4"	16 (60)			

* = Mesh Size

(B) = BSPT





AA126ML-50F



AA126ML-3 or 4

AA126 Flush-out Line Strainer

Features:

- 200 PSI (14 bar) maximum pressure rating.
- Strainer head and bowl are made of polypropylene with EPDM gasket.
- Screens are made of 304SS with color coded polypropylene frame and are removable for cleaning.
- Removable cap and O-ring for flush-out or self-cleaning operations.
- Integral mounting provision allows the strainer to be attached to machine using M8 or 5/16 diameter bolts.
- Available with 3/4", 1", NPT or BSPT (F) threads and 50 or 75 series flange fitting connections for easy assembly. For information on flange fittings see page 82 and 83.



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STRAINER NUMBER	PIPE/FLANGE CONNECTION (F)	FLOW RATE WITH 5 PSI (0.35 bar) PRESSURE DROP	SCREENS	MESH SIZE*
AA(B)126ML-F50-*	50 Series Flange	35 GPM (132 l/min)	CP16903-1-SSPP	16
			CP16903-3-SSPP	30
AA(B)126ML-3-*	3/4" BSPT	23 GPM (87 l/min)	CP16903-4-SSPP	50
			CP16903-5-SSPP	80
AA(B)126ML-4-*	1" BSPT	35 GPM (132 l/min)	CP16903-6-SSPP	100
			CP16903-7-SSPP	200

*Specify mesh size

(B)=BSPT



AA126ML-75F



AA126-5 or 6

AA126 Flush-out Line Strainer

Features:

- 200 PSI (14 bar) maximum pressure rating.
- Strainer head and bowl are made of polypropylene with EPDM gasket.
- Screens are made of 304SS with color coded polypropylene frame and are removable for cleaning.
- Removable cap and O-ring for flush-out or self-cleaning operations.
- Integral mounting provision allows the strainer to be attached to machine using M10 or 3/8 diameter bolts.
- Available with 3/4", 1", NPT or BSPT (F) threads and 50 or 75 series flange fitting connections for easy assembly. For information on flange fittings see page 82 and 83.



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STRAINER NUMBER	PIPE/FLANGE CONNECTION (F)	FLOW RATE WITH 5 PSI (0.35 bar) PRESSURE DROP	SCREENS	MESH SIZE*
AA(B)126ML-F75-*	75 Series Flange	77 GPM (291 l/min)	CP15941-1-SSPP	16
			CP15941-2-SSPP	30
AA(B)126-5-*	1 1/4" BSPT	59 GPM (223 l/min)	CP15941-3-SSPP	50
			CP15941-4-SSPP	80
AA(B)126-6-*	1 1/2" BSPT	77 GPM (291 l/min)	CP15941-5-SSPP	100
			CP15941-6-SSPP	120

*Specify mesh size

(B)=BSPT



Self-Cleaning Line Strainers

The TeeJet self-cleaning strainer extends your spraying time with a self-cleaning feature that minimizes clogging. Mounted on the discharge side of the pump, the strainer uses excess pump flow to bypass clogging particles back to the spray tank.

Available in 3/4", 1", 1 1/4" and 1 1/2" Nylon and aluminum, as well as 3/4" and 1" polypropylene NPT or BSPT threads. All stainless steel strainer element. Strainers with mounting lugs are designated by "ML".

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 6 GPM (23 l/min) for 3/4" and 1" sizes and 8 GPM (30 l/min) for 1 1/4" and 1 1/2" sizes is required through the bypass line.

AA(B)124A-SC-PP

(Polypropylene)

AA(B)124A-SC-NYB

(Nylon)



STRAINER NUMBER	PIPE CONN.	MATERIAL		MAX. PRESSURE PSI (bar)	SCREEN		MIN. BYPASS REQUIRED GPM (l/min)
		HEAD	BOWL		MESH	NUMBER	
AA(B)124A-3/4-SC-NYB-*	3/4"	Nylon	Nylon	100 (7)	16	CP12285-1-SS	6 (23)
AA(B)124A-3/4-SC-PP-*		Polypropylene	Polypropylene	75 (5)		CP12285-4-SS	
AA(B)124A-3/4-SC-AL-*		Aluminum	Nylon	150 (10)		50 CP12285-2-SS	
AA(B)124A-1-SC-NYB-*	1"	Nylon	Nylon	100 (7)	80	CP12285-3-SS	
AA(B)124A-1-SC-PP-*		Polypropylene	Polypropylene	75 (5)		100 CP12285-6-SS	
AA(B)124A-1-SC-AL-*		Aluminum	Nylon	150 (10)			
AA(B)124-1 1/4-SC-NYB-*	1 1/4"	Nylon	Nylon	75 (5)	16	CP12290-1-SS	8 (30)
AA(B)124-1 1/4-SC-AL-*		Aluminum	Nylon	150 (10)		30 CP12290-2-SS	
AA(B)124-1 1/2-SC-NYB-*		Nylon	Nylon	75 (5)		50 CP12290-3-SS	
AA(B)124-1 1/2-SC-AL-*	1 1/2"	Nylon	Nylon	150 (10)	80	CP12290-4-SS	
AA(B)124-1 1/2-SC-AL-*		Aluminum	Nylon	150 (10)		100 CP12290-8-SS	



(B)=BSPT

AA(B)124ML-SC-AL

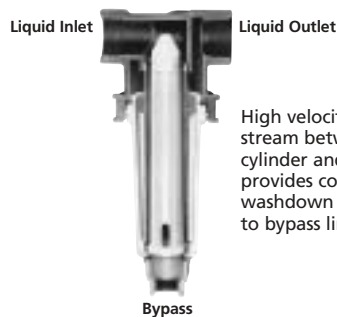
(Aluminum)



STRAINER NUMBER	PIPE CONN.	MATERIAL		MAX. PRESSURE PSI (bar)	SCREEN		MIN. BYPASS REQUIRED GPM (l/min)	
		HEAD	BOWL		MESH	PART NUMBER		
AA(B)124ML-3/4-SC-AL-*	3/4"	Aluminum	Nylon	150 (10)	16	CP12285-1-SS	6 (23)	
AA(B)124ML-1-SC-AL-*						1"		30 CP12285-4-SS
								50 CP12285-2-SS
	80 CP12285-3-SS							
AA(B)124ML-1 1/4-SC-AL-*	1 1/4"				100 CP12285-6-SS			
					1 1/2"	16 CP12290-1-SS		8 (30)
		30 CP12290-2-SS						
50 CP12290-3-SS								
AA(B)124ML-1 1/2-SC-AL-*	1 1/2"	80 CP12290-4-SS						
		100 CP12290-8-SS						



(B)=BSPT



High velocity of liquid stream between cylinder and screen provides continuous washdown of particles to bypass line.

How to order:

Specify strainer number, mesh size and material.

Example: AA124ML-1 1/4-SC-NYB-16 Nylon

To order screen only, specify screen number.

Example: CP12285-1-SS



TeeJet® Line Strainers

Strainer heads are available in polypropylene, Nylon, aluminum and cast iron. Bowl materials include polypropylene or Nylon. Each strainer includes stainless steel screen (with polypropylene frames on 3/4" to 1 1/2" pipe sizes). Maximum temperatures up to

38°C/100°F. Viton® O-ring seal supplied with 3/4" and 1" Nylon models; EPDM supplied with 3/4" and 1" polypropylene models; Buna-N gaskets supplied with 1 1/4" and 1 1/2" sizes. Viton optional.

AA(B)124A-NYB

(Nylon)



STRAINER NUMBER	PIPE CONN.	APPROXIMATE FLOW RATE WITH 5 PSI (0.34 bar) PRESSURE DROP IN GPM (l/min)	PRESSURE RATING PSI (BAR)	SCREENS	
				MESH SIZE	PART NUMBER
AA(B)124A-3/4-AL-*	3/4"	23 (87)	150 (10) 100 (7) 75 (5)	16	CP16903-1-SSPP
30				CP16903-2-SSPP	
50				CP16903-3-SSPP	
AA(B)124A-1-AL-*	1"	34 (129)	150 (10) 100 (7) 75 (5)	80	CP16903-4-SSPP
100				CP16903-5-SSPP	
200				CP16903-7-SSPP	

* = Mesh Size

(B) = BSPT



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AA(B)124-AL

(Nylon)



STRAINER NUMBER	PIPE CONN.	APPROXIMATE FLOW RATE WITH 5 PSI (0.34 BAR) PRESSURE DROP IN GPM (l/min)	PRESSURE RATING PSI (BAR)	SCREENS	
				MESH SIZE	PART NUMBER
AA(B)124-1 1/4-AL-*	1 1/4"	60 (230)	150 (10)	16	CP15941-1-SSPP
30				CP15941-2-SSPP	
50				CP15941-3-SSPP	
AA(B)124-1 1/2-AL-*	1 1/2"	70 (260)		80	CP15941-4-SSPP
100				CP15941-5-SSPP	
120				CP15941-6-SSPP	
AA(B)124-2-AL-*	2"	160 (610)	16	CP14634-1-SS	
30			CP14634-2-SS		
50			CP14634-3-SS		
AA(B)124-2 1/2-AL-*	2 1/2"	170 (640)	80	CP14634-4-SS	
100			CP14634-8-SS		

* = Mesh Size

(B) = BSPT



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14634

AA(B)124ML-AL

(with mounting holes)



STRAINER NUMBER	PIPE CONN.	APPROXIMATE FLOW RATE WITH 5 PSI (0.34 BAR) PRESSURE DROP IN GPM (L/MIN)	PRESSURE RATING PSI (BAR)	SCREENS	
				MESH SIZE	PART NUMBER
AA(B)124ML-3/4-AL-*	3/4"	23 (87)	150 (10)	16	CP16903-1-SSPP
30				CP16903-2-SSPP	
50				CP16903-3-SSPP	
AA(B)124ML-1-AL-*	1"	34 (129)		80	CP16903-4-SSPP
100				CP16903-5-SSPP	
200				CP16903-7-SSPP	
AA(B)124ML-1 1/4-AL-*	1 1/4"	60 (230)		16	CP15941-1-SSPP
30				CP15941-2-SSPP	
50				CP15941-3-SSPP	
AA(B)124ML-1 1/2-AL-*	1 1/2"	70 (260)		80	CP15941-4-SSPP
100				CP15941-5-SSPP	
120				CP15941-6-SSPP	
AA(B)124ML-2-AL-*	2"	160 (610)	16	CP14634-1-SS	
30			CP14634-2-SS		
50			CP14634-3-SS		
AA(B)124ML-2 1/2-AL-*	2 1/2"	170 (640)	80	CP14634-4-SS	
100			CP14634-8-SS		

* = Mesh Size

(B) = BSPT



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14634

How to order:

Specify strainer number, mesh size and material.

Example: AA(B)124-1 1/4-NYB-16 Nylon

To order screen only, specify screen number.

Example: CP15941-1-SSPP