

TeeJet® Tip Strainers



MESH SIZE
16
24
50
80
100
200

TeeJet Strainers

Strainers protect spray tip orifices from clogging and damage. Stainless steel screens are available in 24, 50 and 200 mesh. 19845 tip strainers are 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.

55215 Self-Retaining Tip Strainer

Features:

- For Use with Quick TeeJet® caps.
- Allows tip strainer to be easily removed from nozzle body for cleaning.
- 50 or 100 mesh color-coded strainer with optional EPDM or Viton® gasket.



STRAINER NUMBER	MESH
55215-50-*	50
55215-100-*	100

How to order:

Example: 55215-50-EPR, EPDM gasket
55215-50-VI, Viton gasket

*Identify gasket material.

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 is available with 1/2" or 3/4" (F) NPT pipe connections. The maximum pressure rating is 150 PSI (10 bar).



23174 45102



AA122-PP
Compact
Liquid Strainer

AA122-ML
Compact
Liquid Strainer

37270-122-PP
Flush-Out
Strainer

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)	SCREEN		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 bar)
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-F50



AA126ML-3 or -4

AA126 Flush-out Line Strainer

Features:

- 200 PSI (14 bar) maximum pressure rating.
- Strainer head and bowl are made of glass-filled polypropylene with EPDM gasket.
- Screens are made of 304SS with color-coded polypropylene frames 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 series flange fitting connections for easy assembly. For information on flange fittings see pages 96 and 97.
- Uses same screen as the AA124A line strainer.



16903

STRAINER NUMBER	PIPE/FLANGE CONNECTION (F)	FLOW RATE WITH 5 PSI (0.34 bar) PRESSURE DROP	SCREEN	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"	23 GPM (87 l/min)	CP16903-4-SSPP	50
			CP16903-5-SSPP	80
AA(B)126ML-4-*	1"	35 GPM (132 l/min)	CP16903-6-SSPP	100
			CP16903-7-SSPP	200

*Specify mesh size



AA126ML-F75



AA126ML-5 or -6

AA126 Flush-out Line Strainer

Features:

- 200 PSI (14 bar) maximum pressure rating.
- Strainer head and bowl are made of glass-filled polypropylene with EPDM gasket.
- Screens are made of 304SS with color-coded polypropylene frames and are removable for cleaning.
- Removable cap and gasket 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 1/4", 1 1/2" NPT or BSPT (F) threads and 75 series flange fitting connections for easy assembly. For information on flange fittings see pages 96 and 97.
- Uses same screen as the AA124 line strainer.



15941

STRAINER NUMBER	PIPE/FLANGE CONNECTION (F)	FLOW RATE WITH 5 PSI (0.34 bar) PRESSURE DROP	SCREEN	MESH SIZE*
AA(B)126ML-F75-*	75 Series Flange	77 GPM (291 l/min)	CP15941-1-SSPP	16
			CP15941-2-SSPP	30
AA(B)126ML-5-*	1/4"	59 GPM (223 l/min)	CP15941-3-SSPP	50
			CP15941-4-SSPP	80
AA(B)126ML-6-*	1 1/2"	77 GPM (291 l/min)	CP15941-5-SSPP	100
			CP15941-6-SSPP	120

*Specify mesh size



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.

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 wash down of particles to the bypass line. In order for the wash down to occur, a minimum flow rate of 6 GPM (23 l/min) for ¾" and 1" sizes and 8 GPM (30 l/min) for 1¼" and 1½" sizes is required through the bypass line.

- Available with or without mounting lugs.
- AA126 strainers are made of glass filled polypropylene and are available in ¾", 1", 1¼", 1½" (F) NPT or BSPT thread as well as 50 and 75 series flange connection.
- AA124 strainers are made of an aluminum head with a nylon bowl and are available in ¾", 1", 1¼", 1½" (F) NPT or BSPT thread.
- Both use an all stainless steel strainer element.
- Strainers with mounting lugs are designated by "ML".

AA(B)126MLSC

(Glass-filled Polypropylene)



STRAINER NUMBER	PIPE CONN.	MATERIAL		MAX. PRESSURE PSI (bar)	MIN. BYPASS REQUIRED GPM (l/min)	SCREEN			
		HEAD	BOWL			MESH	NUMBER		
AA(B)126MLSC-3-*	¾" (F)	Polypropylene		200 (14)	6 (23)	16	CP12285-*-SS		
AA(B)124ML-3/4-SC-AL-*		Aluminum	Nylon	150 (10)		30			
AA(B)126MLSC-4-*	1" (F)	Polypropylene		200 (14)		8 (30)		50	CP12290-*-SS
AA(B)124ML-1-SC-AL-*		Aluminum	Nylon	150 (10)				80	
AA(B)126MLSC-50F-*	Flange	Polypropylene		200 (14)	100				
AA(B)126MLSC-5-*	1¼" (F)	Polypropylene		200 (14)					
AA(B)124ML-1-1/4-SC-AL-*		Aluminum	Nylon	150 (10)					
AA(B)126MLSC-6-*	1½" (F)	Polypropylene		200 (14)					
AA(B)124ML-1-1/2-SC-AL-*		Aluminum	Nylon	150 (10)					
AA(B)126MLSC-75F-*	Flange	Polypropylene		200 (14)					

AA(B)124ML-SC-AL

(Aluminum)



STRAINER NUMBER	PIPE CONN.	MATERIAL		MAX. PRESSURE PSI (bar)	MIN. BYPASS REQUIRED GPM (l/min)	SCREEN	
		HEAD	BOWL			MESH	NUMBER
AA(B)124A-3/4-SC-AL-*	¾" (F)	Aluminum	Nylon	150 (10)	6 (23)	16	CP12285-*-SS
AA(B)124A-1-SC-AL-*						30	
AA(B)124A-1-1/4-SC-AL-*	80						
AA(B)124A-1-1/2-SC-AL-*	100						
AA(B)124A-1-1/4-SC-AL-*	1¼" (F)				8 (30)	30	CP12290-*-SS
AA(B)124A-1-1/2-SC-AL-*	1½" (F)					80	
						100	

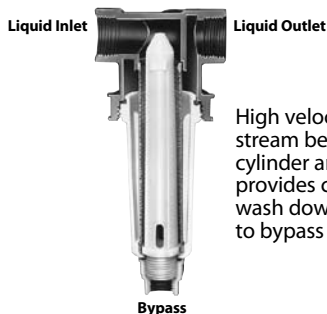
AA(B)124-SC-AL

(Aluminum)

How to order:

Specify strainer number.
Example: AA126ML-4SC-50

To order screen only, specify screen number.
Example: CP12285-1-SS



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

SCREEN	
MESH	NUMBER
16	CP12285-1-SS
30	CP12285-4-SS
50	CP12285-2-SS
80	CP12285-3-SS
100	CP12285-6-SS
16	CP12290-1-SS
30	CP12290-2-SS
50	CP12290-3-SS
80	CP12290-4-SS
100	CP12290-8-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 ¾" to 1½" pipe sizes). Maximum temperatures up to 38°C/100°F.

Viton® O-ring seal supplied with ¾" and 1" Nylon models; EPDM supplied with ¾" and 1" polypropylene models; Buna-N gaskets supplied with 1¼" and 1½" sizes. Viton optional.

AA(B)124A-AL



STRAINER NUMBER	PIPE CONN.	APPROXIMATE FLOW RATE WITH 5 PSI (0.34 bar) PRESSURE DROP IN GPM (l/min)	PRESSURE RATING PSI (bar)	SCREEN	
				MESH SIZE	PART NUMBER
AA(B)124A-3/4-AL-*	¾"	23 (87)	150 (10)	16	CP16903-1-SSPP
				20	CP16903-2-SSPP
				30	CP16903-3-SSPP
				50	CP16903-4-SSPP
				80	CP16903-5-SSPP
AA(B)124A-1-AL-*	1"	34 (129)	150 (10)	100	CP16903-6-SSPP
				200	CP16903-7-SSPP



16903

* = Mesh Size

(B) = BSPT

AA(B)124-AL



STRAINER NUMBER	PIPE CONN.	APPROXIMATE FLOW RATE WITH 5 PSI (0.34 bar) PRESSURE DROP IN GPM (l/min)	PRESSURE RATING PSI (bar)	SCREEN	
				MESH SIZE	PART NUMBER
AA(B)124A-1-1/4-AL-*	1¼"	60 (230)	150 (10)	16	CP15941-1-SSPP
				30	CP15941-2-SSPP
				50	CP15941-3-SSPP
				80	CP15941-4-SSPP
AA(B)124A-1-1/2-AL-*	1½"	70 (260)	150 (10)	100	CP15941-5-SSPP
				120	CP15941-6-SSPP
AA(B)124A-2-AL-*	2"	160 (610)	150 (10)	16	CP14634-1-SS
				30	CP14634-2-SS
AA(B)124A-2-1/2-AL-*	2½"	170 (640)	150 (10)	50	CP14634-3-SS
				80	CP14634-4-SS
				100	CP14634-5-SS
				100	CP14634-8-SS



15941



14634

* = Mesh Size

(B) = BSPT

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)	SCREEN	
				MESH SIZE	PART NUMBER
AA(B)124ML-3/4-AL-*	¾"	23 (87)	150 (10)	16	CP16903-1-SSPP
				20	CP16903-2-SSPP
				30	CP16903-3-SSPP
				50	CP16903-4-SSPP
				80	CP16903-5-SSPP
AA(B)124ML-1-AL-*	1"	34 (129)	150 (10)	100	CP16903-6-SSPP
				200	CP16903-7-SSPP
				16	CP15941-1-SSPP
AA(B)124ML-1-1/4-AL-*	1¼"	60 (230)	150 (10)	30	CP15941-2-SSPP
				50	CP15941-3-SSPP
AA(B)124ML-1-1/2-AL-*	1½"	70 (260)	150 (10)	80	CP15941-4-SSPP
				100	CP15941-5-SSPP
AA(B)124ML-2-AL-*	2"	160 (610)	150 (10)	120	CP15941-6-SSPP
				16	CP14634-1-SS
AA(B)124ML-2-1/2-AL-*	2½"	170 (640)	150 (10)	30	CP14634-2-SS
				50	CP14634-3-SS
				80	CP14634-4-SS
				100	CP14634-8-SS



16903



15941



14634

* = Mesh Size

(B) = BSPT

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