

# TeeJet® TIP STRAINERS



## STRAINERS

Strainers protect spray tip orifices from clogging and damage. Stainless steel screens are available in 24, 50, 80, 100 and 200 mesh.

MESH SIZE
16
20
24
25/30
50/60
80
100
120
200

**Note:** Strainers color code follows the ISO 19732 standards.

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

\*Specify mesh size when ordering.

## 55215 SELF-RETAINING TIP STRAINER

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 FKM gasket.



### HOW TO ORDER

55215-50-EPR, EPDM gasket  
55215-50-VI, FKM gasket

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

\*Identify gasket material.

## SLOTTED STRAINERS

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



TEEJET STRAINER NUMBER	AVAILABLE MATERIAL	EQUIVALENT TO MESH SIZE	COLOR CODE (NYLON VERSIONS ONLY)
4514- <b>*-10</b>	Brass or Nylon	50	50
4514- <b>*-20</b>	Brass, Aluminum or Nylon	25	25
4514- <b>*-32</b>	Brass, Aluminum or Nylon	16	16

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

## 4193A & 4193B STRAINER & CHECK VALVE

Minimizes nozzle dripping; fits with all TeeJet Nozzle Bodies. 4193B offered with a choice of 0.64 bar or 0.69 bar, 4193A offered with a choice of 1.4 bar or 2.8 bar spring. Recommended for flow rates up to 3 l/min. 24, 50, 100 and 200 mesh screens. Not for use with AI, DG, or TTI tips.



**Note:** Use of these ball check valves results in a pressure drop equivalent to the opening pressure rating.

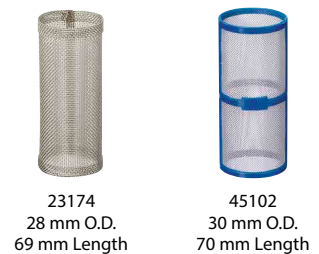
CHECK VALVE NUMBER	BODY & CAP SCREW MATERIAL	MESH SCREEN MATERIAL	BALL MATERIAL
4193A/B- <b>*-*</b>	Brass	Stainless Steel	Stainless Steel
4193A/B- <b>SS-*</b>	Stainless Steel	Stainless Steel	Stainless Steel
4193A/B- <b>PP-*</b>	Polypropylene	Stainless Steel	FKM
4193A/B- <b>PP-SS-*</b>	Polypropylene	Stainless Steel	Stainless Steel

\*When ordering, specify A or B, 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 a 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 10 bar. A Quick Connect version of the 122 is also available for easy installation on valves/manifolds equipped with Quick Connect outlets. The maximum pressure rating for this version is 15 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 0.34 bar PRESSURE DROP IN l/min	SCREEN	
			MESH SIZE	PART NUMBER
AA122ML-QC-PP-*	QC	68		
AA(B)122-1/2-PP-*	1/2"	45	16	CP23174-1-3045S
AA(B)122-3/4-PP-*	3/4"	60	30	CP23174-2-3045S
AA(B)122ML-1/2-PP-*	1/2"	45	50	CP45102-3-SSPP
AA(B)122ML-3/4-PP-*	3/4"	60	80	CP45102-4-SSPP
(B)37270-122-1/2-PP-*	1/2"	45	100	CP45102-5-SSPP
(B)37270-122-3/4-PP-*	3/4"	60	200	CP23174-7-3045S

\* = Mesh Size

(B) = BSPT

**Replacement Head Gasket:** CP23173-EPR(-VI) or CP7717-M38x4-VI (for AA122ML-QC only).

**Note:** Strainers color code follows the ISO 19732 standards.



AA126ML-F50



AA126ML-3 or -4

**AA126 FLUSH-OUT LINE STRAINER**

- 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 page 158.
- Uses same screen as the AA124A line strainer.



16903  
35 mm O.D.  
146 mm Length

STRAINER NUMBER	PIPE/FLANGE CONNECTION (F)	FLOW RATE WITH 0.34 bar PRESSURE DROP	SCREEN	MESH SIZE*
AA(B)126ML-F50-*	50 Series Flange	132 l/min	CP16903-1-SSPP	16
			CP16903-3-SSPP	30
AA(B)126ML-3-*	3/4"	87 l/min	CP16903-4-SSPP	50
			CP16903-5-SSPP	80
AA(B)126ML-4-*	1"	132 l/min	CP16903-6-SSPP	100
			CP16903-7-SSPP	200

\*Specify mesh size

**Replacement Head Gasket:** CP7717-2/228-EPR (-VI)

**Note:** Strainers color code follows the ISO 19732 standards.



AA126ML-F75



AA126ML-5 or -6

**AA126 FLUSH-OUT LINE STRAINER**

- 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 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 page 158.
- Uses same screen as the AA124 line strainer.



15941  
57 mm O.D.  
194 mm Length

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

\*Specify mesh size

**Replacement Head Gasket:** CP48656-EPR(-VI)

**Note:** Strainers color code follows the ISO 19732 standards.

## 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 23 l/min for ¾" and 1" sizes and 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)



AA(B)124ML-SC-AL  
(Aluminum)



AA(B)124-SC-AL  
(Aluminum)

STRAINER NUMBER	PIPE CONN.	BYPASS PIPE CONN.	MATERIAL		MAX. PRES- SURE (bar)	MIN. BYPASS REQUIRED (l/min)	SCREEN		
			HEAD	BOWL			MESH	NUMBER	
AA(B)126MLSC-3-*	¾" (F)	½" (F)	Polypropylene		14	23	16	CP12285- *SS	
AA(B)124ML-3/4SC-AL-*			Aluminum	Nylon	10		30		
AA(B)126MLSC-4-*	1" (F)		Polypropylene		14		30		50
AA(B)124ML-1SC-AL-*			Aluminum	Nylon	10				80
AA(B)126MLSC-F50-*	Flange	Polypropylene		14	30	100		CP12290- *SS	
AA(B)126MLSC-5-*	1¼" (F)	Polypropylene		14		100			
AA(B)124ML-1-1/4SC-AL-*		Aluminum	Nylon	10					
AA(B)126MLSC-6-*	1½" (F)	Polypropylene		14			100		
AA(B)124ML-1-1/2SC-AL-*		Aluminum	Nylon	10					
AA(B)126MLSC-F75-*	Flange	Polypropylene		14					

**Replacement Head Gaskets:** 126-3, -4, -F50: CP50494-EPR (-VI); 126-5, -6, -F75: CP48656-VI; 124-3/4, -1: CP7717-2/226-VI; 124-1-1/4, -1-1/2: CP12291-VI

STRAINER NUMBER	PIPE CONN.	BYPASS PIPE CONN.	MATERIAL		MAX. PRESSURE (bar)	MIN. BYPASS REQUIRED (l/min)	SCREEN	
			HEAD	BOWL			MESH	NUMBER
AA(B)124A-3/4SC-AL-*	¾" (F)	½" (F)	Aluminum	Nylon	10	23	16	CP12285- *SS
AA(B)124A-1SC-AL-*	1" (F)						30	
AA(B)124A-1-1/4SC-AL-*	1¼" (F)	30					80	
AA(B)124A-1-1/2SC-AL-*	1½" (F)						100	

## HOW TO ORDER

AA126MLSC-4-50

Specify strainer number.

CP12285-1-SS

To order screen only, specify screen number.

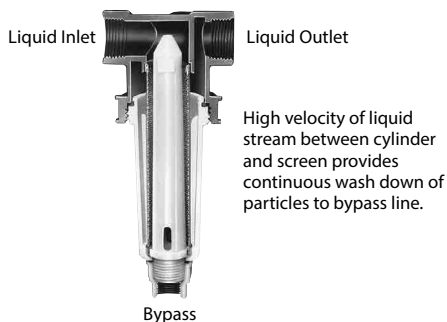
SCREEN		
MESH	SCREEN NUMBER	SCREEN NUMBER
16	CP12285-1-SS	CP12290-1-SS
30	CP12285-4-SS	CP12290-2-SS
50	CP12285-2-SS	CP12290-3-SS
80	CP12285-3-SS	CP12290-4-SS
100	CP12285-6-SS	CP12290-8-SS



12285  
35 mm O.D.  
146 mm Length



12290  
57 mm O.D.  
202 mm Length



Bypass

Strainer heads are available in aluminum and cast iron. Bowl material is 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. FKM O-ring seal supplied with 3/4" and 1" models; Buna-N gaskets supplied with 1 1/4", 1 1/2", 2" and 2 1/2" sizes. FKM optional.



AA(B)124A-AL



16903  
35 mm O.D.  
146 mm Length



AA(B)124-AL



15941  
57 mm O.D.  
194 mm Length



14634  
81 mm O.D.  
248 mm Length



AA(B)124ML-AL  
(with mounting holes)



16903  
35 mm O.D.  
146 mm Length



15941  
57 mm O.D.  
194 mm Length



14634  
81 mm O.D.  
248 mm Length

## HOW TO ORDER

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

Specify strainer number, mesh size and material.

CP15941-1-SSPP

To order screen only, specify screen number.

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

\* = Mesh Size

(B) = BSPT

Replacement Head O-Ring: CP7717-2/226-VI

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

\* = Mesh Size

(B) = BSPT

Replacement Head Gasket: 124-1-1/4, 1-1/2: CP12291-BU(-VI);  
124-2, -2-1/2: CP14833-BU

STRAINER NUMBER	PIPE CONN.	APPROXIMATE FLOW RATE WITH 0.34 bar PRESSURE DROP IN l/min	PRESSURE RATING (bar)	SCREEN	
				MESH SIZE	PART NUMBER
AA(B)124ML-3/4-AL*	3/4"	87	10	16	CP16903-1-SSPP
				20	CP16903-2-SSPP
				30	CP16903-3-SSPP
				50	CP16903-4-SSPP
AA(B)124ML-1-AL*	1"	129	10	80	CP16903-5-SSPP
				100	CP16903-6-SSPP
				200	CP16903-7-SSPP
AA(B)124ML-1-1/4-AL*	1 1/4"	230	10	16	CP15941-1-SSPP
				30	CP15941-2-SSPP
AA(B)124ML-1-1/2-AL*	1 1/2"	260	10	50	CP15941-3-SSPP
				80	CP15941-4-SSPP
AA(B)124ML-2-AL*	2"	610	10	100	CP15941-5-SSPP
				120	CP15941-6-SSPP
AA(B)124ML-2-1/2-AL*	2 1/2"	640	10	16	CP14634-1-SS
				30	CP14634-2-SS
				50	CP14634-3-SS
				80	CP14634-4-SS
				100	CP14634-8-SS

\* = Mesh Size

(B) = BSPT