



TeeJet® Tip Strainers



| MESH SIZE |
|-----------|
| 16 |
| 24 |
| 25 |
| 50 |
| 80 |
| 100 |
| 200 |

TeeJet Strainers

Strainers protect spray tip orifices from clogging and damage. Stainless steel screens are available in 24, 50, 80, 100 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-*-SS | 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 | COLOR CODE (NYLON VERSIONS ONLY) |
|------------------------|--------------------------|-------------------------|----------------------------------|
| 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 | BALL MATERIAL |
|--------------------|-----------------------------|----------------------|-----------------|
| 4193A- *- * | Brass | Stainless Steel | Stainless Steel |
| 4193A-SS- *- * | Stainless Steel | Stainless Steel | Stainless Steel |
| 4193A-PP- *- * | Polypropylene | Stainless Steel | Viton |
| 4193A-PP-*-SS-* | Polypropylene | Stainless Steel | 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). 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 215 PSI (15 bar).



23174 45102



AA122ML-QC
Compact
Liquid Strainer

AA122-PP
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 | |
|-----------------------|------------|--------------------------------------------------------------------------|-----------|-----------------|
| | | | MESH SIZE | PART NUMBER |
| AA122ML-QC-PP-* | QC | 18 (68) | | |
| AA(B)122-1/2-PP-* | 1/2" | 12 (45) | 16 | CP23174-1-304SS |
| AA(B)122-3/4-PP-* | 3/4" | 16 (60) | 30 | CP23174-2-304SS |
| 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) | 200 | CP23174-7-304SS |

* = Mesh Size

(B) = BSPT

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



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 102 and 103.
- 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

Replacement Head Gasket: CP50494-EPR(-VI)



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 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 102 and 103.
- 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 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

Replacement Head Gasket: CP48656-EPR(-VI)



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 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.

- Available with or without mounting lugs.
- AA126 strainers are made of glass filled polypropylene and are available in 3/4", 1", 1 1/4", 1 1/2" (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 3/4", 1", 1 1/4", 1 1/2" (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)



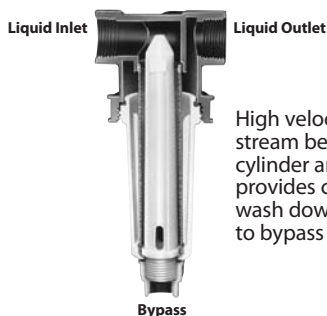
AA(B)124ML-SC-AL

(Aluminum)



AA(B)124-SC-AL

(Aluminum)



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

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

| STRAINER NUMBER | PIPE CONN. | BYPASS 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-* | 3/4" (F) | 1/2" (F) | Aluminum | Nylon | 150 (10) | 6 (23) | 16 | CP12285- *SS |
| AA(B)124A-1-SC-AL-* | | | | | | | 30 | |
| AA(B)124-1-1/4-SC-AL-* | 1" (F) | | Aluminum | Nylon | 150 (10) | 8 (30) | 80 | CP12290- *SS |
| AA(B)124-1-1/2-SC-AL-* | 1 1/4" (F) | 3/4" (F) | | | | | 30 | |
| | 1 1/2" (F) | | | | | | 80 | |
| | | | | | | | 100 | |

How to order:

Specify strainer number.

Example: AA126ML-4SC-50

To order screen only, specify screen number.

Example: CP12285-1-SS

| 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 |



12285 12290



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)124-1-1/4-AL-* | 1¼" | 60 (230) | 150 (10) | 16 | CP15941-1-SSPP |
| | | | | 30 | CP15941-2-SSPP |
| | | | | 50 | CP15941-3-SSPP |
| AA(B)124-1-1/2-AL-* | 1½" | 70 (260) | 150 (10) | 80 | CP15941-4-SSPP |
| | | | | 100 | CP15941-5-SSPP |
| | | | | 120 | CP15941-6-SSPP |
| AA(B)124-2-AL-* | 2" | 160 (610) | 150 (10) | 16 | CP14634-1-SS |
| | | | | 30 | CP14634-2-SS |
| | | | | 50 | CP14634-3-SS |
| AA(B)124-2-1/2-AL-* | 2½" | 170 (640) | 150 (10) | 80 | CP14634-4-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 |
| | | | | 80 | CP15941-4-SSPP |
| AA(B)124ML-1-1/2-AL-* | 1½" | 70 (260) | 150 (10) | 100 | CP15941-5-SSPP |
| | | | | 120 | CP15941-6-SSPP |
| | | | | AA(B)124ML-2-AL-* | 2" |
| 30 | CP14634-2-SS | | | | |
| 50 | CP14634-3-SS | | | | |
| AA(B)124ML-2-1/2-AL-* | 2½" | 170 (640) | 150 (10) | 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