

# YS SERIES

## Y-Strainers

1/2" to 2" DN15-50 PVC, CPVC, Clear PVC  
2-1/2" to 4" DN65-100 PVC, CPVC  
1/2" to 1" DN15-25 Natural PVDF



### KEY FEATURES

- True Union Design for Ease of Installation Available in PVC, CPVC and Clear PVC
- Molded-in Socket or Threaded Ends Available in PVC, CPVC, Clear PVC and PVDF
- Molded-in Socket Fusion Ends for IPS Schedule 40 / 80, or for SDR21 / 33 Piping Available in PVDF
- Horizontal or Vertical Installation
- FPM or EPDM O-Ring Seals
- 2:1 Open Area Ratio
- Hex Cap for Easy Access to Screen
- Standard Screen has 1/32" Perforation

### OPTIONS

- NEW HDPE End Connectors available in SDR 9, 11 through 1", SDR 9, 11, 17 from 2" - 3"
- Stainless Steel Perforated or Mesh Strainer Screens Available in Various Sizes and Alloy Materials

### TECHNICAL INFORMATION

SIZE	MATERIAL	END CONNECTION	SEALS	PRESSURE RATING
1/2" – 1" (DN15 – DN25)	PVC, CPVC or Clear PVC	Socket, Threaded or Flanged	FPM and EPDM	150 PSI @ 70°F 10 Bar @ 21°C Non-Shock
1/2" – 1" (DN15 – DN25)	PVDF	Socket Fusion or Threaded		
1–1/4" (DN32)	PVC and Clear PVC	Socket, Threaded or Flanged		
1–1/2" (DN40)	PVC, CPVC or Clear PVC			
2" (DN50)				
2–1/2" (DN65)	PVC			
3–4" (DN80–DN100)	PVC and CPVC			

† PVC & CPVC socket ends available to ISO 727-1 / JIS K 6734, threaded ends to BS21 / JIS B 0203 and flanged ends to DIN / EN PN10.

‡ PVDF socket fusion ends per ASTM F2389 and threaded ends available per BS21.

# SB SERIES

## Simplex Basket Strainers

1/2" to 4" DN15-100 PVC, CPVC, GFPP, Eastar®  
1/2" to 2" DN15-50 Natural PVDF



Certified to  
NSF/ANSI 61 & 372  
PVC and CPVC 1/2" - 8"

### KEY FEATURES

- Available in PVC, CPVC, GFPP, Eastar® and PVDF
- True Union Design
- Ergonomic Hand-Removable Cover
- In-Line or Loop Connections
- External Cover Threads
- Integral Flat Mounting Bases
- ABS Approval for CPVC SB Series

### OPTIONS

- NEW HDPE End Connectors available in SDR 9, 11 in 1", SDR 9, 11, 17 from 2" - 3"
- Drain Kit with Lockout Ball Valve
- Baskets Available with Perforated or Mesh Liners
- Stainless Steel, Monel®, Hastelloy® and Titanium Strainer Baskets

### TECHNICAL INFORMATION

SIZE*	MATERIAL	END CONNECTION	SEALS	PRESSURE RATING
1/2" - 4" (DN15 - DN100)	PVC or CPVC	Socket, Threaded or Flanged	FPM or EPDM	150 PSI @ 70°F 10 Bar @ 21°C Non-Shock
	Eastar®*			100 PSI @ 70°F 7 Bar @ 21°C Non-Shock
	GFPP	Socket Fusion, Threaded or Flanged		150 PSI @ 70°F 10 Bar @ 21°C Non-Shock
1/2" - 2" (DN15 - DN50)	PVDF	Socket Fusion or Threaded		
1" - 2" (DN25 - DN50)		Flanged		

\* End connections and assembly nuts are PVC.

† PVC & CPVC socket ends available to ISO 727-1 / JIS K 6734, threaded ends to BS21 / JIS B 0203 and flanged ends to DIN / EN PN10.

‡ PP socket fusion ends per ASTM F2389 IPS or SDR and threaded ends available per BS21.

§ Socket Fusion ends available only with Platinum units.

†† PVDF socket fusion ends per ASTM F2389 and threaded ends available per BS21.

## SB SERIES

### Simplex Basket Strainers

6" to 8" DN150-200 PVC, CPVC



Certified to  
NSF/ANSI 61 & 372  
PVC and CPVC 1/2" - 8"

#### KEY FEATURES

- Available in PVC and CPVC
- Ergonomic Hand-Removable Cover
- In-Line or Loop Connections
- External Cover Threads
- Integral Flat Mounting Bases
- PVC or CPVC Baskets Standard
- 18-8SS Bolting Standard

#### OPTIONS

- Two Port Design for Restrictive Center Height Requirements
- Baskets Available with Perforated or Mesh Liners
- Stainless Steel, Monel®, Hastelloy® and Titanium Strainer Baskets
- Pressure Differential Gauge and Switch
- 316SS Bolting

#### TECHNICAL INFORMATION

SIZE	MATERIAL	END CONNECTION	SEALS	PRESSURE RATING
6" - 8" (DN150 - DN200)	PVC or CPVC	Flanged	FPM or EPDM	150 PSI @ 70°F 10 Bar @ 21°C Non-Shock
†PVC & CPVC flanged ends available to DIN / EN PN10.				

## DB SERIES

### Duplex Basket Strainers

1/2" to 4" DN15-100 PVC, CPVC, Eastar®



#### KEY FEATURES

- Available in PVC, CPVC and Eastar®
- Ergonomic Hand-Removable Cover
- Uninterrupted Flow
- No System Shutdown for Basket Cleaning
- In-Line or Loop Piping
- Integral Flat Mounting Bases
- External Cover Threads
- Hand Removable Vents on Covers
- Hand Removable Drains on Bodies
- Liquid Displacing Covers
- ABS Approval for CPVC SB Series

#### OPTIONS

- Drain Kit with Lockout Ball Valve
- Baskets Available with Perforated or Mesh Liners
- Stainless Steel, Monel®, Hastelloy® and Titanium Strainer Baskets
- Pressure Differential Gauge and Switch
- Electric Valve Automation

#### TECHNICAL INFORMATION

SIZE*	MATERIAL	END CONNECTION	SEALS	PRESSURE RATING
1/2" - 4" (DN15 - DN100)	PVC or CPVC	Socket, Threaded or Flanged	FPM or EPDM	150 PSI @ 70°F 10 Bar @ 21°C Non-Shock
	Eastar®*			100 PSI @ 70°F 7 Bar @ 21°C Non-Shock

\*End connections and assembly nuts are PVC.

†PVC & CPVC socket ends available to ISO 727-1 / JIS K 6734, threaded ends to BS21 / JIS B 0203 and flanged ends to DIN / EN PN10 / JIS10K.

# DB SERIES

## Duplex Basket Strainers

6" to 8" DN150-200 PVC, CPVC



### KEY FEATURES

- Available in PVC and CPVC Materials
- Ergonomic Hand-Removable Cover
- Uninterrupted Flow
- No System Shutdown for Basket Cleaning
- In-Line or Loop Piping
- Integral Flat Mounting Bases
- External Cover Threads
- Hand Removable Vents on Covers
- Hand Removable Drains on Bodies
- Liquid Displacing Covers

### OPTIONS

- Baskets Available with Perforated or Mesh Liners
- Stainless Steel, Monel®, Hastelloy® and Titanium Strainer Baskets
- Pressure Differential Gauge and Switch
- Electric Valve Automation

### TECHNICAL INFORMATION

SIZE	MATERIAL	END CONNECTION	SEALS	PRESSURE RATING
6" – 8" (DN150 – DN200)	PVC or CPVC	Flanged	FPM or EPDM	150 PSI @ 70°F 10 Bar @ 21°C Non-Shock

†PVC & CPVC flanged ends available to DIN / EN PN10.

# FLV SERIES

## Simplex Bag Filters

SINGLE LENGTH – 16" GFPP

1-1/4" to 2" DN32-50 PIPE SIZES

DOUBLE LENGTH – 32" GFPP

1-1/4" to 4" DN32-100 PIPE SIZES



### KEY FEATURES

- Platinum Glass Filled Polypropylene
- One-Piece Injection Molded Construction
- Hand Removable, Ergonomic Cover with Liquid Displacing Dome
- 1-1/4" – 2" Rated up to 100 GPM
- 2-1/2" – 4" Rated up to 150 GPM
- True Union Socket, Threaded or Flanged End Connections
- In-Line or Loop Flow Configurations
- Solid Basket
- Vent Valve Included On Cover
- Drain Port at Bottom
- Integral Mounting Base

### OPTIONS

- NEW HDPE End Connectors available in SDR 9, 11, 17 for 2" & 3"
- Gauge with Gauge Guard
- Pressure Differential Gauge and Switch
- EPDM Seals
- 316 Stainless Steel Basket

### TECHNICAL INFORMATION

SIZE	END CONNECTION	PIPE SIZES	SEALS	FLOW RATE	PRESSURE RATING
GFPP Single Length 7" x 16"	GFPP (Threaded and Flanged), PVC/CPVC (Socket and PP Socket Fusion)	1-1/4" – 2" (DN32 – DN50)	FPM or EPDM	100 GPM	150 PSI @ 70°F 10 Bar @ 21°C Non-Shock
GFPP Double Length 7" x 32"		2-1/2" – 4" (DN65 – DN100)		150 GPM	

†PVC & CPVC socket ends available to ISO 727-1 / JIS K 6734, threaded ends to BS21 / JIS B 0203 and flanged ends to DIN / EN PN10.

‡PP socket fusion ends per ASTM F2389 IPS or SDR and threaded ends available per BS21.

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