Polypropylene “Y” Strainers

FEATURES

- Precision molded construction.
- Corrosion resistant.
- Lightweight.
- Fiberglass reinforced.
- Easy grip end cap.
- Poly ribbed 316 stainless steel screen.
- EPDM gaskets FKM (viton type) available.
- Heavy duty end cap threads.
- ½"-1 ¼ " 150 P.S.I. Maximum.
- 1½"- 2" 150 P.S.I. Maximum.
- Clean-out plug.
- Female NPT x Female NPT.

SCREENS	
MESH SIZE	RIB COLOR
6 MESH	WHITE
12 MESH	BLACK
20 MESH	BEIGE
30 MESH	YELLOW
40 MESH	BROWN
50 MESH	RED
80 MESH	BLUE
100 MESH	GREEN
120 MESH	BLACK



1½" Y-STRAINER W/ALL POLY SCREENS			
PART NO	DESCRIPTION	QTY	
LS150-12P	1½" x 1½" Y Strainer w/12 Mesh All Poly Screen	12	
LS150-20P	1½" x 1½" Y Strainer w/20 Mesh All Poly Screen	12	
LS150-50P	1½" x 1½" Y Strainer w/50 Mesh All Poly Screen	12	

2" Y-STRAINER W/ALL POLY SCREENS			
PART NO	DESCRIPTION	QTY	
LS200-12P	2" x 2" Y Strainer w/12 Mesh All Poly Screen	12	
LS200-20P	2" x 2" Y Strainer w/20 Mesh All Poly Screen	12	
LS200-50P	2" x 2" Y Strainer w/50 Mesh All Poly Screen	12	

STANDARD MESHES & DATA (FOR GENERAL USE ONLY)				
MESH	MICRONS	WIRE DIAMETER	OPENING	% OPEN AREA
6 Mesh	3360	.035	.132	62.7
8 Mesh	2380	.028	.097	60.2
12 Mesh	1680	.023	.060	51.8
16 Mesh	1190	.018	.044	50.7
20 Mesh	841	.016	.034	46.2
30 Mesh	595	.012	.021	40.8
40 Mesh	446	.012	.021	36.0
50 Mesh	297	.009	.011	30.3
80 Mesh	177	.0055	.007	31.4
100 Mesh	149	.0045	.005	30.3
120 Mesh	116	.0037	.0046	30.5

½" Y-STRAINER W/SS SCREENS			
PART NO	DESCRIPTION	QTY	
LS050-20	½" x ½" Y Strainer w/20 Mesh SS Screen	1	
LS050-40	½" x ½" Y Strainer w/40 Mesh SS Screen	1	
LS050-80	½" x ½" Y Strainer w/80 Mesh SS Screen	1	

¾" Y-STRAINER W/SS SCREENS			
PART NO	DESCRIPTION	QTY	
LS075-20	¾" x ¾" Y Strainer w/20 Mesh SS Screen	1	
LS075-40	¾" x ¾" Y Strainer w/40 Mesh SS Screen	1	
LS075-80	¾" x ¾" Y Strainer w/80 Mesh SS Screen	1	

1" Y-STRAINER W/SS SCREENS			
PART NO	DESCRIPTION	QTY	
LS100-20	1" x 1" Y Strainer w/20 Mesh SS Screen	1	
LS100-40	1" x 1" Y Strainer w/40 Mesh SS Screen	1	
LS100-80	1" x 1" Y Strainer w/80 Mesh SS Screen	1	

1¼" Y-STRAINER W/SS SCREENS			
PART NO	DESCRIPTION	QTY	
LS125-20	1¼" x 1¼" Y Strainer w/20 Mesh SS Screen	1	
LS125-40	1¼" x 1¼" Y Strainer w/40 Mesh SS Screen	1	
LS125-80	1¼" x 1¼" Y Strainer w/80 Mesh SS Screen	1	

1½" Y-STRAINER W/POLY RIBBED SS SCREENS			
PART NO	DESCRIPTION	QTY	
LS150-06	1½" x 1½" Y Strainer w/6 Mesh SS Screen	12	
LS150-12	1½" x 1½" Y Strainer w/12 Mesh SS Screen	12	
LS150-20	1½" x 1½" Y Strainer w/20 Mesh SS Screen	12	
LS150-30	1½" x 1½" Y Strainer w/30 Mesh SS Screen	12	
LS150-50	1½" x 1½" Y Strainer w/50 Mesh SS Screen	12	
LS150-80	1½" x 1½" Y Strainer w/80 Mesh SS Screen	12	
LS150-120	1½" x 1½" Y Strainer w/120 Mesh SS Screen	12	

2" Y-STRAINER W/POLY RIBBED SS SCREENS			
PART NO	DESCRIPTION	QTY	
LS200-06	2" x 2" Y Strainer w/6 Mesh Poly Ribbed SS Screen	12	
LS200-08	2" x 2" Y Strainer w/8 Mesh Poly Ribbed SS Screen	12	
LS200-12	2" x 2" Y Strainer w/12 Mesh Poly Ribbed SS Screen	12	
LS200-20	2" x 2" Y Strainer w/20 Mesh Poly Ribbed SS Screen	12	
LS200-30	2" x 2" Y Strainer w/30 Mesh Poly Ribbed SS Screen	12	
LS200-50	2" x 2" Y Strainer w/50 Mesh Poly Ribbed SS Screen	12	
LS200-80	2" x 2" Y Strainer w/80 Mesh Poly Ribbed SS Screen	12	
LS200-100	2" x 2" Y Strainer w/100 Mesh Poly Ribbed SS Screen	12	
LS200-120	2" x 2" Y Strainer w/120 Mesh Poly Ribbed SS Screen	12	

Standard Meshes & Data				
Mesh	**Microns**	**Wire Diameter**	**Opening**	**Open Area**
6 Mesh	3360	0.089mm	0.335mm	62.7 %
8 Mesh	2380	0.071mm	0.246mm	60.2 %
10 Mesh	2000	0.064mm	0.191mm	56.3 %
12 Mesh	1680	0.058mm	0.152mm	51.8 %
16 Mesh	1190	0.046mm	0.112mm	50.7 %
20 Mesh	841	0.040mm	0.086mm	46.2 %
30 Mesh	595	0.031mm	0.053mm	40.8 %
40 Mesh	446	0.031mm	0.053mm	36.0 %
50 Mesh	297	0.023mm	0.028mm	30.3 %
80 Mesh	177	0.014mm	0.018mm	31.4 %
100 Mesh	149	0.011mm	0.013mm	30.3 %
120 Mesh	116	0.009mm	0.011mm	30.5 %

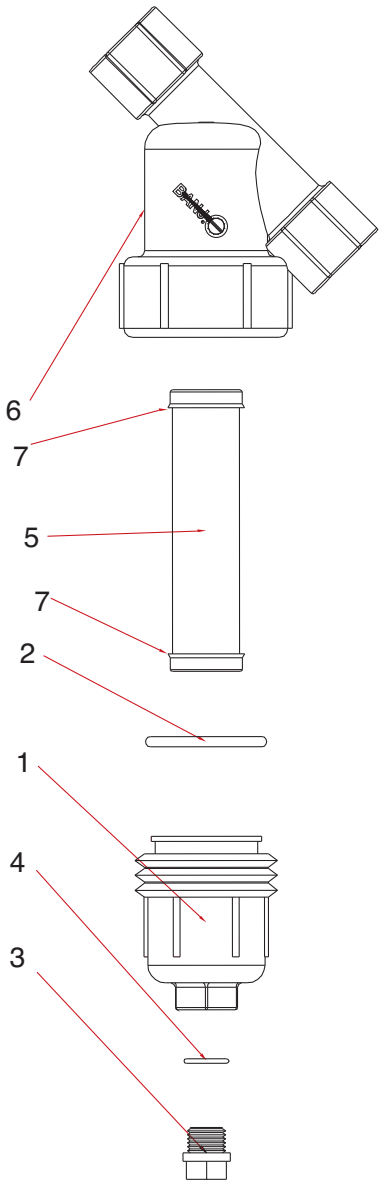
Mesh Size	Old Color	New Color	RAL #
6	White	No Change	N/A
8	Blue	Zinc Yellow	1018
12	Black	No Change	N/A
16	Gray	Brown Red	3011
20	Beige	No Change	N/A
30	Yellow	Flame Red	3000
40	Brown	No Change	N/A
50	Red	Gentian Blue	5010
60	Orange	Gentian Blue	5010
80	Blue	Zinc Yellow	1018
100	Green	Traffic Green	6024
120	Black	No Change	N/A
150	White	Pure Orange	2004

REPLACEMENT PARTS ½"-¾" Y STRAINERS				
ITEM	PART NO	DESCRIPTION	QTY	
1	LS075-C1*	½"-¾" End Cap	1	
2	LS075-G	½"-¾" O-Ring	1	
2	LS075-GV	½"-¾" FKM (viton type) Gasket	1	
3	12723	¼" Drain Plug (Fits ½"-¾")	1	
4	12724	½"-¾" EPDM O-Ring for Drain Plug	1	
5	LS720	½"-¾" 20 Mesh Screen	1	
5	LS740	½"-¾" 40 Mesh Screen	1	
5	LS780	½"-¾" 80 Mesh Screen	1	
6	LS050-B	½" Y Body	1	
6	LS075-B	¾" Y Body	1	
N/A	LS050B/C1	½" Y Body, Cap & Gasket	1	
N/A	LS075B/C1	¾" Y Body, Cap & Gasket	1	

REPLACEMENT PARTS 1"-1¼" Y STRAINERS				
ITEM	PART NO	DESCRIPTION	QTY	
1	LS100-C1*	1"-1¼" End Cap	1	
2	LS100-G	1"-1¼" O-Ring	1	
2	LS100-GV	1"-1¼" FKM (viton type) Gasket	1	
3	12777	½" Drain Plug (Fits 1"-1¼")	1	
4	UV15163	1"-1¼" EPDM O-Ring for Drain Plug	1	
4	UV15163V	1"-1¼" FKM (viton type) O-Ring for Drain Plug	1	
5	LS120	1"-1¼" 20 Mesh Screen	1	
5	LS140	1"-1¼" 40 Mesh Screen	1	
5	LS180	1"-1¼" 80 Mesh Screen	1	
6	LS100-B	1" Y Body	1	
6	LS125-B	1¼" Y Body	1	
7	LS125G	1"-1¼" EPDM O-Ring	1	
N/A	LS100B/C1	1" Y Body, Cap & Gasket	1	
N/A	LS125B/C1	1¼" Y Body, Cap & Gasket	1	

REPLACEMENT PARTS 1½"-2" Y STRAINERS				
ITEM	PART NO	DESCRIPTION	QTY	
1	LS150-C*	1½" - 2" End Cap	1	
2	LS150-G	1½"-2" O-Ring	1	
2	LS150-GV	1½"-2" FKM (viton type) Gasket	1	
3	LSQ200-PL	1" Drain Plug (Fits 1½" - 2")	1	
4	LSQ200-R	1½"-2" EPDM O-Ring for Drain Plug	1	
4	LSQ200-RV	1½"-2" FKM (viton type) O-Ring for Drain Plug	1	
5	LS206	1½"-2" 6 Mesh Screen	1	
5	LS212	1½"-2" 12 Mesh Screen	1	
5	LS220	1½"-2" 20 Mesh Screen	1	
5	LS230	1½"-2" 30 Mesh Screen	1	
5	LS250	1½"-2" 50 Mesh Screen	1	
5	LS280	1½"-2" 80 Mesh Screen	1	
5	LS2100	1½"-2" 100 Mesh Screen	1	
5	LS2120	1½"-2" 120 Mesh Screen	1	
5	LS212P	1½"-2" 12 Mesh All Poly Screen	1	
5	LS220P	1½"-2" 20 Mesh All Poly Screen	1	
5	LS250P	1½"-2" 50 Mesh All Poly Screen	1	
6	LS150-B	1½" Y Body	1	
6	LS200-B	2" Y Body	1	
7	LS141G	1½"-2" EPDM O-Ring	1	
N/A	LS150B/C	1½" Y Body, Cap & Gasket	1	
N/A	LS200B/C	2" Y Body, Cap & Gasket	1	

NOTE: Items marked with asterisk* come with parts 1, 3, and 4.





1" 80 Mesh