

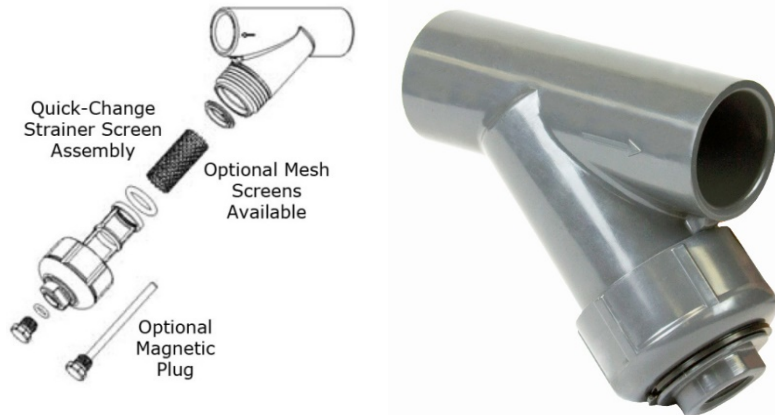
# STAYFLOW

## YPS - YHS

Y TYPE STRAINER – SOCKET ENDS  
PVC (MODEL YPS) & CPVC (MODEL YHS)

### ENGINEERING SPECIFICATION

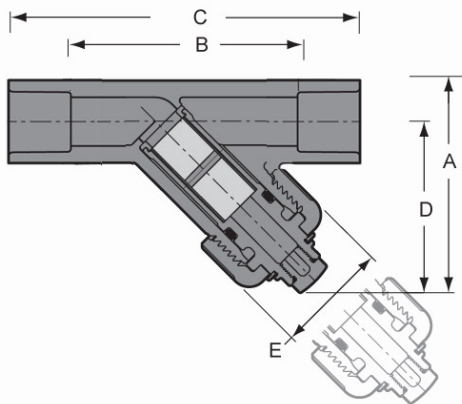
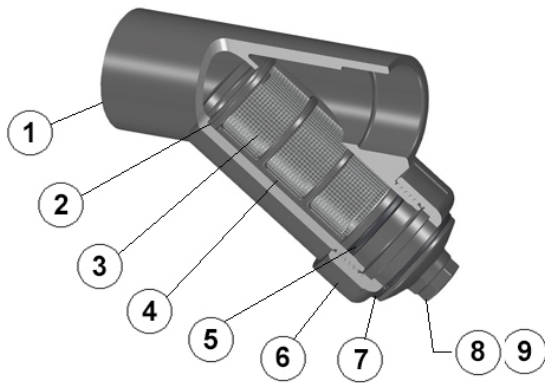
All sediment strainers shall be Y-type constructed from PVC Type I, ASTM D 1784 Cell Classification 12454 or CPVC Type IV, ASTM D 1784 Cell Classification 23447. All O-rings shall be EPDM or FKM. All Y-strainers shall have replaceable PVC, CPVC or Type 316 stainless steel screens and O-ring sealed drain plugs with magnetic drain plug option.



### BILL OF MATERIALS

ITEM	DESCRIPTION	Stainless Steel
1	Body	PVC/CPVC
2	Screen support Ring	PVC/CPVC
3	Screen	PVC/CPVC
4	Screen Support Housing	PVC/CPVC
5	Housing O-ring	EPDM/FKM
6	Bonnet Nut	PVC/CPVC
7	Retaining Clip	POLY-PRO
8	Plug O-ring	EPDM/FKM
9	Plug	PVC/CPVC

SCREEN IS 8 MESH BY DEFAULT.  
12, 20 AND 30 MESH ALSO AVAILABLE IN PVC/CPVC.  
SMALLER MESH AVAILABLE IN STAINLESS. (CALL FACTORY)



### PRESSURE / TEMPERATURE

RATING (NON-SHOCK)				
		PVC		CPVC
SIZE (IN)	PRESS*	MAX TEMP	PRESS*	MAX TEMP
1/2 - 2	150 PSI	140 F	150 PSI	200 F
3-4	90 PSI	140 F	90 PSI	200 F

\*PRESSURE AT 73 F  
OIL FREE AIR HANDLING TO 25 PSIG MAX

### DIMENSIONS (in) / PERFORMANCE

SIZE	A	B	C	D	E	Drain Tap (NPT)	Cv	Wt. (lb)
1/2	3-1/16	1-9/16	3-3/8	2-9/16	1-5/8	1/4-18	5.5	0.31
3/4	3-11/16	2	4	3	2	1/4-18	8.2	0.50
1	4-7/16	2-1/2	4-3/4	3-5/8	2-1/4	3/8-18	14.3	0.85
1-1/4	5-5/16	3-1/16	5-9/16	4-1/4	2-13/16	1/2-14	33.6	1.21
1-1/2	6	3-9/16	6-5/16	4-7/8	3-3/16	1-11-1/2	43.8	1.66
2	7-5/8	4-1/2	7-1/2	6-3/16	3-1/2	1-11-1/2	50.6	2.96
3	9-11/16	6-9/16	10-5/16	7-5/8	5-1/8	1-11-1/2	75.2	5.34
4	12-1/2	8-5/8	13-1/8	9-7/8	6-9/16	1-11-1/2	169.5	9.97



# YPU - YHU

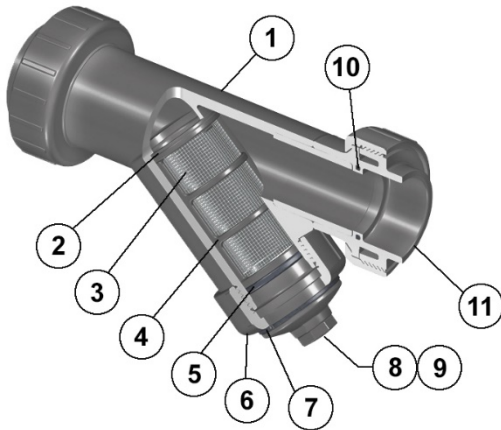
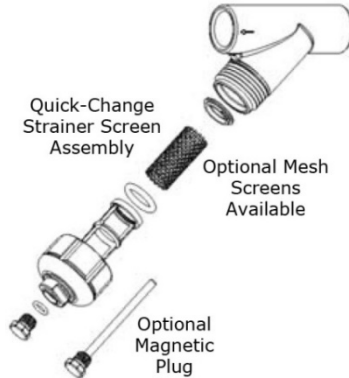
## Y TYPE STRAINER – UNION ENDS

### PVC (MODEL YPU) & CPVC (MODEL YHU)

(Available with socket or thread ends. Thread ends are default.)

#### ENGINEERING SPECIFICATION

All sediment strainers shall be Y-type constructed from PVC Type I, ASTM D 1784 Cell Classification 12454 or CPVC Type IV, ASTM D 1784 Cell Classification 23447. All O-rings shall be EPDM or FKM. All Y-strainers shall have replaceable PVC, CPVC or Type 316 stainless steel screens and O-ring sealed drain plugs with magnetic drain plug option.



#### BILL OF MATERIALS

ITEM	DESCRIPTION	Stainless Steel
1	Body	PVC/CPVC
2	Screen support Ring	PVC/CPVC
3	Screen	PVC/CPVC
4	Screen Support Housing	PVC/CPVC
5	Housing O-ring	EPDM/FKM
6	Bonnet Nut	PVC/CPVC
7	Retaining Clip	POLY-PRO
8	Plug O-ring	EPDM/FKM
9	Plug	PVC/CPVC
10	Union O-ring	EPDM/FKM
11	Union Threaded/Socket End	PVC/CPVC

SCREEN IS 8 MESH BY DEFAULT.

12, 20 AND 30 MESH ALSO AVAILABLE IN PVC/CPVC.

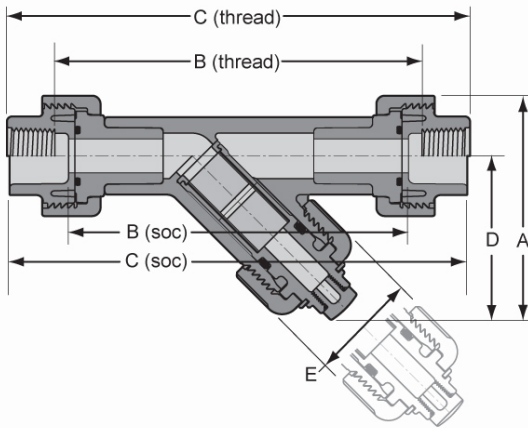
SMALLER MESH AVAILABLE IN STAINLESS. (CALL FACTORY)

#### PRESSURE / TEMPERATURE RATING (NON-SHOCK)

SIZE (IN)	PVC		CPVC	
	PRESS*	MAX TEMP	PRESS*	MAX TEMP
1/2 - 2	150 PSI	140 F	150 PSI	200 F
3-4	90 PSI	140 F	90 PSI	200 F

\*PRESSURE AT 73 F

OIL FREE AIR HANDLING TO 25 PSIG MAX



#### DIMENSIONS (in) / PERFORMANCE

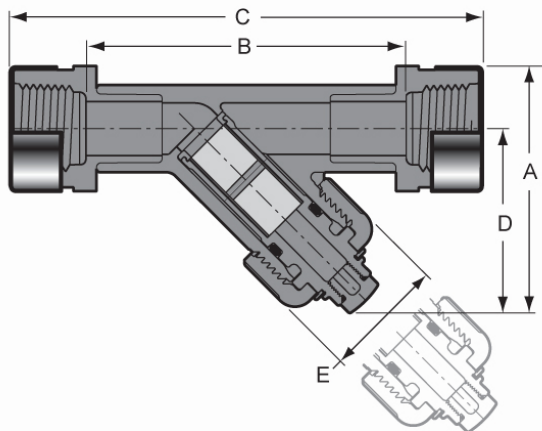
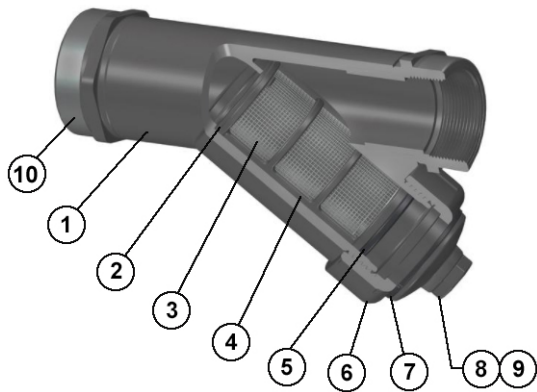
SIZE	A	B <sub>SOC</sub>	B <sub>THD</sub>	C <sub>SOC</sub>	C <sub>THD</sub>	D	E	Drain Tap (NPT)	Cv	Wt. (lb)
1/2	3-7/16	5-1/8	5-1/2	6-7/8	7	2-1/2	1-5/8	1/4-18	5.5	0.53
3/4	4-1/8	5-7/8	6-7/16	7-7/8	7-7/8	3	2	1/4-18	8.2	0.85
1	4-7/8	6-1/2	7-3/8	8-3/4	9	3-5/8	2-1/4	3/8-18	14.3	1.20
1-1/4	5-13/16	7-7/16	6-3/16	9-15/16	10-1/8	4-1/4	2-13/16	1/2-14	33.6	1.90
1-1/2	6-5/8	8-3/16	9	10-15/16	10-15/16	4-7/8	3-3/16	1-11-1/2	43.8	2.52
2	8-15/16	9-7/16	10-13/16	12-7/16	12-13/16	6-3/16	3-1/2	1-11-1/2	50.6	4.45
3	10-3/4	12-3/16	13-15/16	16	16-3/4	7-5/8	5-1/8	1-11-1/2	75.2	10.55
4	13-3/4	15-5/16	17-1/2	19-13/16	20-1/2	9-7/8	6-9/16	1-11-1/2	169.5	18.80

## YPT - YHT

Y TYPE STRAINER – THREADED ENDS  
PVC (MODEL YPT) & CPVC (MODEL YHT)

### ENGINEERING SPECIFICATION

All sediment strainers shall be Y-type constructed from PVC Type I, ASTM D 1784 Cell Classification 12454 or CPVC Type IV, ASTM D 1784 Cell Classification 23447. All O-rings shall be EPDM or FKM. All Y-strainers shall have replaceable PVC, CPVC or Type 316 stainless steel screens and O-ring sealed drain plugs with magnetic drain plug option.



### BILL OF MATERIALS

ITEM	DESCRIPTION	Stainless Steel
1	Body	PVC/CPVC
2	Screen support Ring	PVC/CPVC
3	Screen	PVC/CPVC
4	Screen Support Housing	PVC/CPVC
5	Housing O-ring	EPDM/FKM
6	Bonnet Nut	PVC/CPVC
7	Retaining Clip	POLY-PRO
8	Plug O-ring	EPDM/FKM
9	Plug	PVC/CPVC
10	SR Thread Reinforcement	STAINLESS

SCREEN IS 8 MESH BY DEFAULT.

12, 20 AND 30 MESH ALSO AVAILABLE IN PVC/CPVC.

SMALLER MESH AVAILABLE IN STAINLESS. (CALL FACTORY)

### PRESSURE / TEMPERATURE

RATING (NON-SHOCK)				
		PVC		CPVC
SIZE (IN)	PRESS*	MAX TEMP	PRESS*	MAX TEMP
1/2 - 2	150 PSI	140 F	150 PSI	200 F
3-4	90 PSI	140 F	90 PSI	200 F

\*PRESSURE AT 73 F

OIL FREE AIR HANDLING TO 25 PSIG MAX

### DIMENSIONS (in) / PERFORMANCE

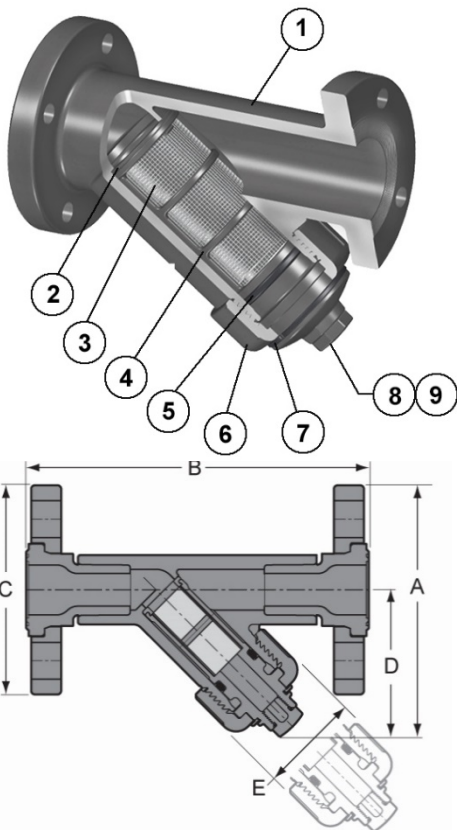
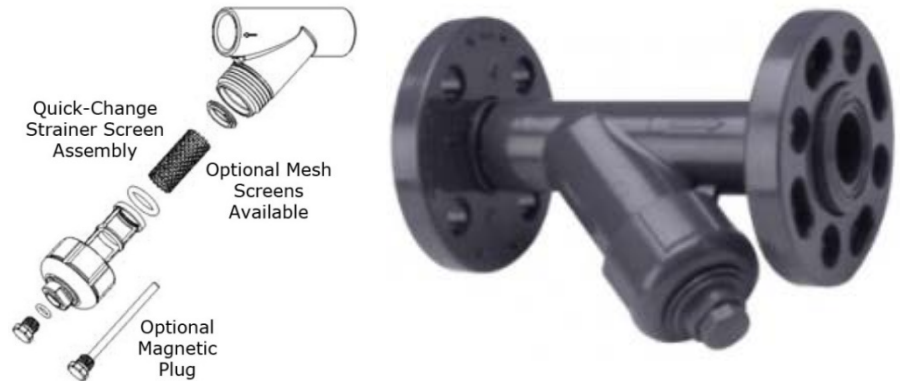
SIZE	A	B	C	D	E	Drain Tap (NPT)	Cv	Wt. (lb)
1/2	4-11/16	3-5/8	5-1/16	4	2-3/8	1/4-18	5.5	0.31
3/4	5-7/16	4-3/8	5-13/16	4-9/16	2-3/8	1/4-18	8.2	0.50
1	6-1/8	5-3/16	7	5-1/8	2-3/8	3/8-18	14.3	0.85
1-1/4	7-3/4	6	7-15/16	6-1/2	3-1/2	1/2-14	33.6	1.21
1-1/2	8-7/8	6-15/16	8-13/16	7-1/2	3-1/2	1-11-1/2	43.8	1.66
2	10-3/16	8-1/8	10-1/8	8-1/2	3-1/2	1-11-1/2	50.6	2.96
3	14-13/16	11	14-1/4	12-7/16	6-5/8	1-11-1/2	75.2	5.34
4	18-1/2	14	14-3/4	15-5/8	7-15/16	1-11-1/2	169.5	9.97

## YPF - YHF

Y TYPE STRAINER – FLANGED ENDS  
PVC (MODEL YPF) & CPVC (MODEL YHF)

### ENGINEERING SPECIFICATION

All sediment strainers shall be Y-type constructed from PVC Type I, ASTM D 1784 Cell Classification 12454 or CPVC Type IV, ASTM D 1784 Cell Classification 23447. All O-rings shall be EPDM or FKM. All Y-strainers shall have replaceable PVC, CPVC or Type 316 stainless steel screens and O-ring sealed drain plugs with magnetic drain plug option.



### BILL OF MATERIALS

ITEM	DESCRIPTION	Stainless Steel
1	Body	PVC/CPVC
2	Screen support Ring	PVC/CPVC
3	Screen	PVC/CPVC
4	Screen Support Housing	PVC/CPVC
5	Housing O-ring	EPDM/FKM
6	Bonnet Nut	PVC/CPVC
7	Retaining Clip	POLY-PRO
8	Plug O-ring	EPDM/FKM
9	Plug	PVC/CPVC

SCREEN IS 8 MESH BY DEFAULT.

12, 20 AND 30 MESH ALSO AVAILABLE IN PVC/CPVC.

SMALLER MESH AVAILABLE IN STAINLESS. (CALL FACTORY)

### PRESSURE / TEMPERATURE

RATING (NON-SHOCK)				
PVC		CPVC		
SIZE (IN)	PRESS*	MAX TEMP	PRESS*	MAX TEMP
1/2 - 2	150 PSI	140 F	150 PSI	200 F
3-4	90 PSI	140 F	90 PSI	200 F

\*PRESSURE AT 73 F

OIL FREE AIR HANDLING TO 25 PSIG MAX

### DIMENSIONS (in) / PERFORMANCE

SIZE	A	B	C	D	E	Drain Tap (NPT)	Cv	Wt. (lb)
1/2	4-3/16	5-11/16	3-1/2	2-1/2	1-5/8	1/4-18	5.5	0.85
3/4	5	6-7/16	3-7/8	3-1/8	2	1/4-18	8.2	1.28
1	5-3/4	7-1/4	4-1/4	3-5/8	2-1/4	3/8-18	14.3	1.81
1-1/4	6-9/16	8-1/8	4-5/8	4-9/32	2-13/16	1/2-14	33.6	2.52
1-1/2	7-3/8	9-3/16	5	4-7/8	3-3/16	1-11-1/2	43.8	3.25
2	9-1/8	10-3/8	6	6-3/16	3-1/2	1-11-1/2	50.6	5.42
3	11-3/8	12-1/32	7-1/2	7-5/8	5-1/8	1-11-1/2	75.2	10.07
4	14-5/16	14-9/16	9-1/16	9-7/8	6-9/16	1-11-1/2	169.5	16.15