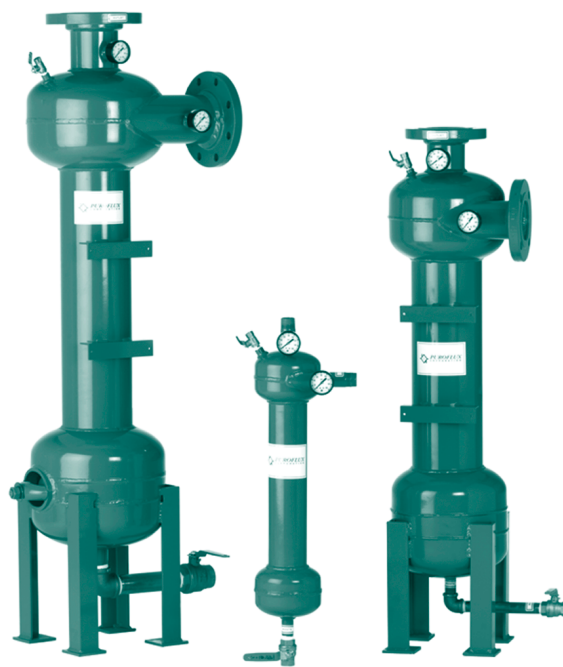


# PF-61 SERIES SEPARATOR

## FEATURES

- Available in flow rates from 6 to 12,000 GPM.
- Particulate removal efficiencies of 98% at 74 microns and larger expected.
- 150 psi working pressure.
- Fusion bonded polyester coated carbon steel vessel.
- Accumulation chamber clean-out (std. on 4" unit and larger).
- True tangential entry.
- Industrial grade manual purge valve.
- 1/4" manual air bleed valve.
- 0-160 psi gauges on inlet/outlet.
- Options: Auto purge, higher pressure ratings, ASME code stamp and stainless steel construction available.



## APPLICATION

PUROFLUX's PF-61 series separators are designed specifically to improve the quality of process fluids. PF-61 separators provide an excellent method for removing dirt, sand, silt, precipitates and suspended solids from a variety of process fluids.

## TYPICAL APPLICATIONS INCLUDE:

- |                      |                         |                        |
|----------------------|-------------------------|------------------------|
| • Cooling Towers     | • Well Water            | • Industrial Processes |
| • Food Industries    | • Waste Water Discharge | • Automotive Processes |
| • Aquatic Exhibits   | • Potable Water         | • Chemical Processes   |
| • Irrigation Systems | • Fish Hatcheries       | • Car Washes           |

## RELIABILITY

The PF-61 series has a simple and reliable design which offers long lasting trouble free service. The simplicity of the PF-61 separator warrants its use when a solid-liquid separation is required. The PF-61 series separators have no moving parts to wear out or replace, eliminating mechanical malfunction or breakdown.

## SERVICE

Technical field service representatives are available to provide guidance for application, installation and repair in both domestic and international markets.

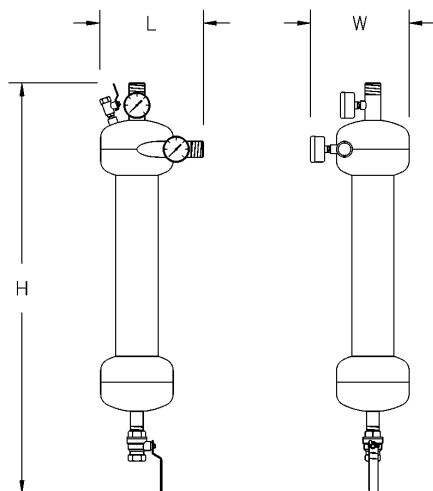
## VERSATILITY

PUROFLUX's PF-61 series separators can be applied to a variety of applications ranging from single pass/full flow to multiple pass/side stream systems. Optional configurations can be engineered to meet specific requirements.

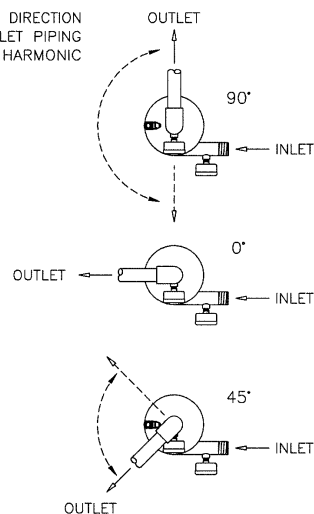
S-61/03



## PF-61 SERIES - Separator



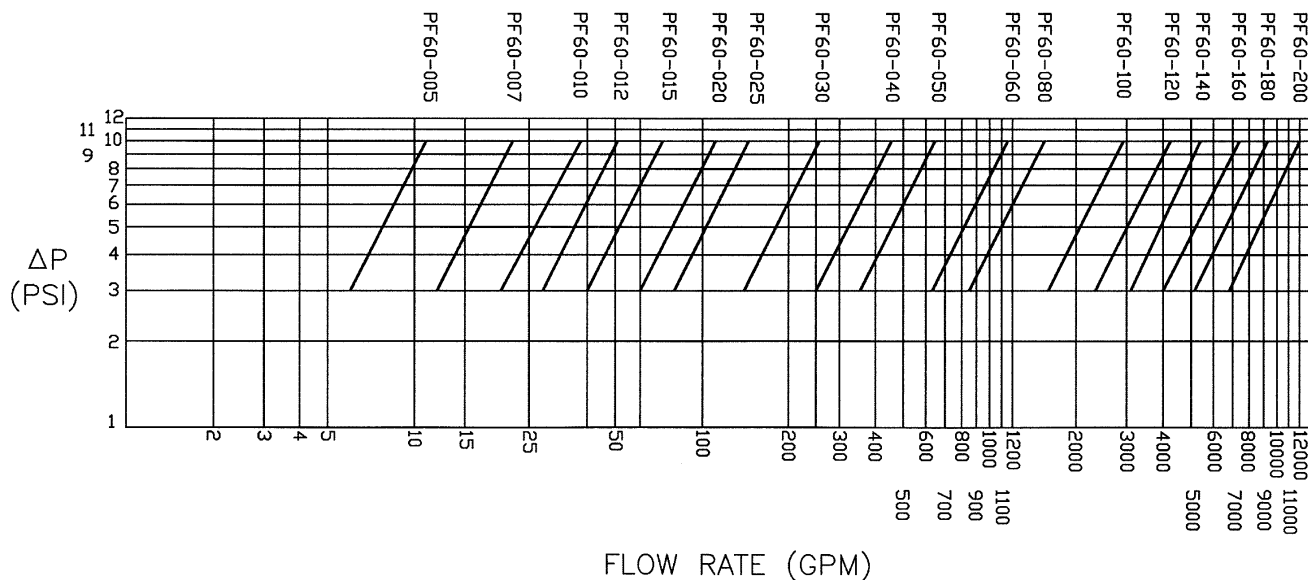
RECOMMENDED DIRECTION OF INLET/OUTLET PIPING TO CONTROL HARMONIC OSCILLATION



MODEL	FLOW RANGE	CONNECTION	PURGE	VOLUME	DIMENSIONS			WEIGHT, LBS	
Number	GPM	Size	Size	Gallons	L	H	W	Shipping	Oper.
PF-61-005	6 - 12	1/2" mpt	1/2" fpt	1	8"	32"	8"	17	26
PF-61-007	12 - 24	3/4" mpt	3/4" fpt	1	8"	32"	8"	18	28
PF-61-010	20 - 40	1" mpt	3/4" fpt	2	9"	34"	8"	25	38
PF-61-012	30 - 50	1 1/4" mpt	1" fpt	2	9"	37"	8"	26	39
PF-61-015	40 - 75	1 1/2" mpt	1" fpt	2	9"	37"	8"	27	40
PF-61-020	60 - 115	2" mpt	1" fpt	7	13"	45"	12"	74	125
PF-61-025	80 - 150	2 1/2" mpt	1" fpt	7	13"	45"	12"	77	130
PF-61-030	130 - 250	3" flng	1" fpt	7	14"	48"	13"	98	156
PF-61-040	250 - 475	4" flng	1 1/2" fpt	12	24"	58"	15"	175	275
PF-61-050	350 - 675	5" flng	1 1/2" fpt	19	25"	70"	16"	256	414
PF-61-060	645 - 1200	6" flng	1 1/2" fpt	32	28"	82"	18"	385	650
PF-61-080	850 - 1625	8" flng	1 1/2" fpt	52	30"	96"	20"	570	1002
PF-61-100	1600 - 3100	10" flng	2" fpt	98	38"	117"	25"	996	1809

Consult factory for larger sizes not shown.

### Flow Rate vs. Pressure Loss



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