



# PF-62 SERIES

## REMOVABLE DOME SEPARATOR

### FEATURES

- Available in flow rates from 6 to 18,000 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-62 series separators are designed specifically to improve the quality of process fluids. PF-62 separators provide an excellent method for removing dirt, sand, silt, precipitates and suspended solids from a variety of process fluids. Equipped with a removable dome, the interior of the PF-62 separator can easily be accessed for inspection.

### 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-62 series has a simple and reliable design which offers long lasting trouble free service. The simplicity of the PF-62 separator warrants its use when a solid-liquid separation is required. The PF-62 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-62 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.

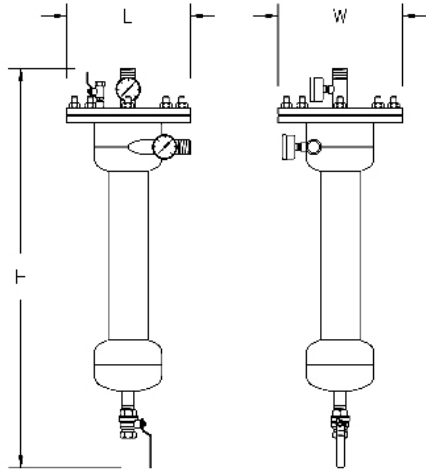


# PUROFLUX

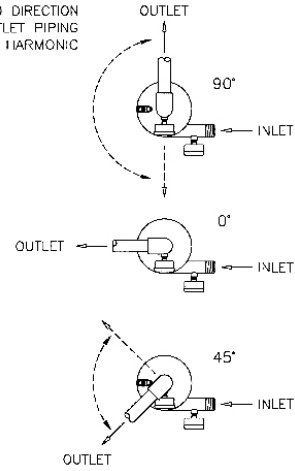
C O R P O R A T I O N

FILTRATION AND CONTROL SYSTEMS

# PF-62 SERIES - Removable Dome Separator



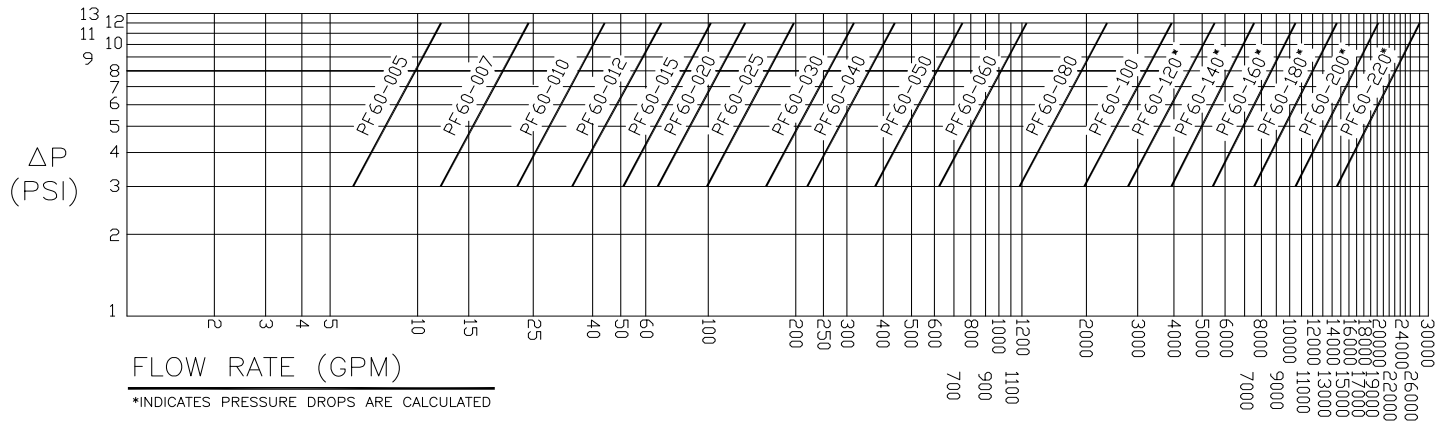
RECOMMENDED DIRECTION OF INLET/OUTLET PIPING TO CONTROL HARMONIC OSCILLATION



MODEL	FLOW RANGE	CONNECTION	PURGE	VOLUME	DIMENSIONS			WEIGHT, LBS	
Number	GPM	Size	Size	Gallons	L	H	W	Shipping	Oper.
PF-62-010	20 - 40	1" mpt	3/4" fpt	2	11"	36"	11"	67	80
PF-62-012	30 - 50	1 1/4" mpt	1" fpt	2	11"	39"	11"	69	82
PF-62-015	40 - 75	1 1/2" mpt	1" fpt	2	11"	39"	11"	70	83
PF-62-020	60 - 115	2" mpt	1" fpt	7	16"	46"	16"	180	234
PF-62-025	80 - 150	2 1/2" mpt	1" fpt	7	16"	46"	16"	182	236
PF-62-030	130 - 250	3" flng	1" fpt	7	18"	49"	16"	202	260
PF-62-040	250 - 475	4" flng	1 1/2" fpt	13	25"	60"	19"	335	443
PF-62-050	350 - 675	5" flng	1 1/2" fpt	21	26"	71"	21"	463	637
PF-62-060	645 - 1200	6" flng	1 1/2" fpt	34	29"	82"	24"	648	932
PF-62-080	850 - 1625	8" flng	1 1/2" fpt	56	31"	96"	25"	865	1330
PF-62-100	1600 - 3100	10" flng	2"- fpt	107	38"	118"	28"	1415	2306

Consult factory for larger sizes not shown.

## Flow Rate vs. Pressure Loss



$$C = \text{Log}_{10} A$$

