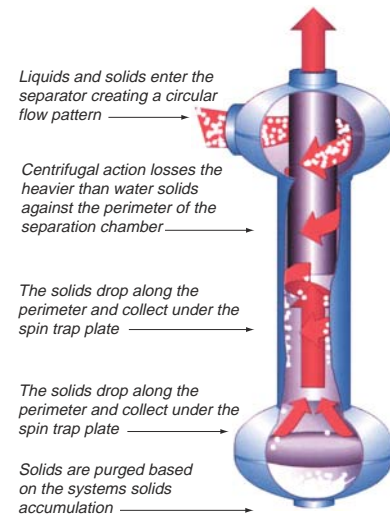


# Flow-Pro® Centrifugal Separators

Removes dense solids without replacable filter elements.

## How they work

High velocity influent passes through the separator, which is designed to produce a circular flow pattern. Using gravitational force, sand, debris and sludge migrate to the separator's side walls and downward, into a solids holding chamber. Cleansed effluent rises up, through the vortex and is returned back to the system. Subsequently, the separated solids are purged from the holding chamber, continuously, manually or automatically, depending on what type equipment is utilized.



## Features & benefits

- Removes 98% of all solids with a 1.8 specific gravity or more, and all particles greater than 40 micron in size
- Rated for pressures to 150 PSID
- Rated for temperatures to 200°F
- Epoxy coated, carbon steel construction
- No routine maintenance required
- Minimum 4 PSI pressure drop
- Compact design to save space



Flow-Pro in-line centrifugal separator

## Flow-Pro in-line centrifugal separators (no legs)

Model Number	Flow Rate Range (GPM)	Diameter	Height	Inlet (Side)	Outlet (Top)	Drain (Bottom)	Shipping Weight
FP-CS-C-75	14-25	6"	22-7/16"	3/4"	3/4"	3/4"	16
FP-CS-C-100	28-49	6"	22-7/16"	1"	1"	3/4"	18
FP-CS-C-150	67-115	6"	30"	1-1/2"	1-1/2"	3/4"	22
FP-CS-C-200	90-157	10"	34"	2"	2"	1-1/2"	42
FP-CS-C-300	205-355	10"	33-7/8"	3"	3"	1-1/2"	46

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## Flow-Pro high flow centrifugal separators (models with legs)

Model Number	Flow Rate Range (GPM)	Diameter	Height	Inlet (Side)	Outlet (Top)	Drain (Bottom)	Shipping Weight
FP-CS-C-400	352-610	12-1/8"	53-1/2"	4" flange	4" flange	1-1/2"	165
FP-CS-C-600	800-1,385	14-1/8"	60-1/2"	6" flange	6" flange	1-1/2"	232
FP-CS-C-800	1,385-2,398	18-3/16"	70-1/2"	8" flange	8" flange	1-1/2"	365
FP-CS-C-1000	2,183-3,780	22"	86-1/2"	10" flange	10" flange	1-1/2"	575
FP-CS-C-1200	2,915-5,049	24"	100-1/2"	12" flange	12" flange	2"	852
FP-CS-C-1400	3,817-6,610	30"	111-1/2"	14" flange	14" flange	2"	1,382
FP-CS-C-1800	6,469-11,204	36-1/8"	132-1/2"	18" flange	18" flange	2"	2,140