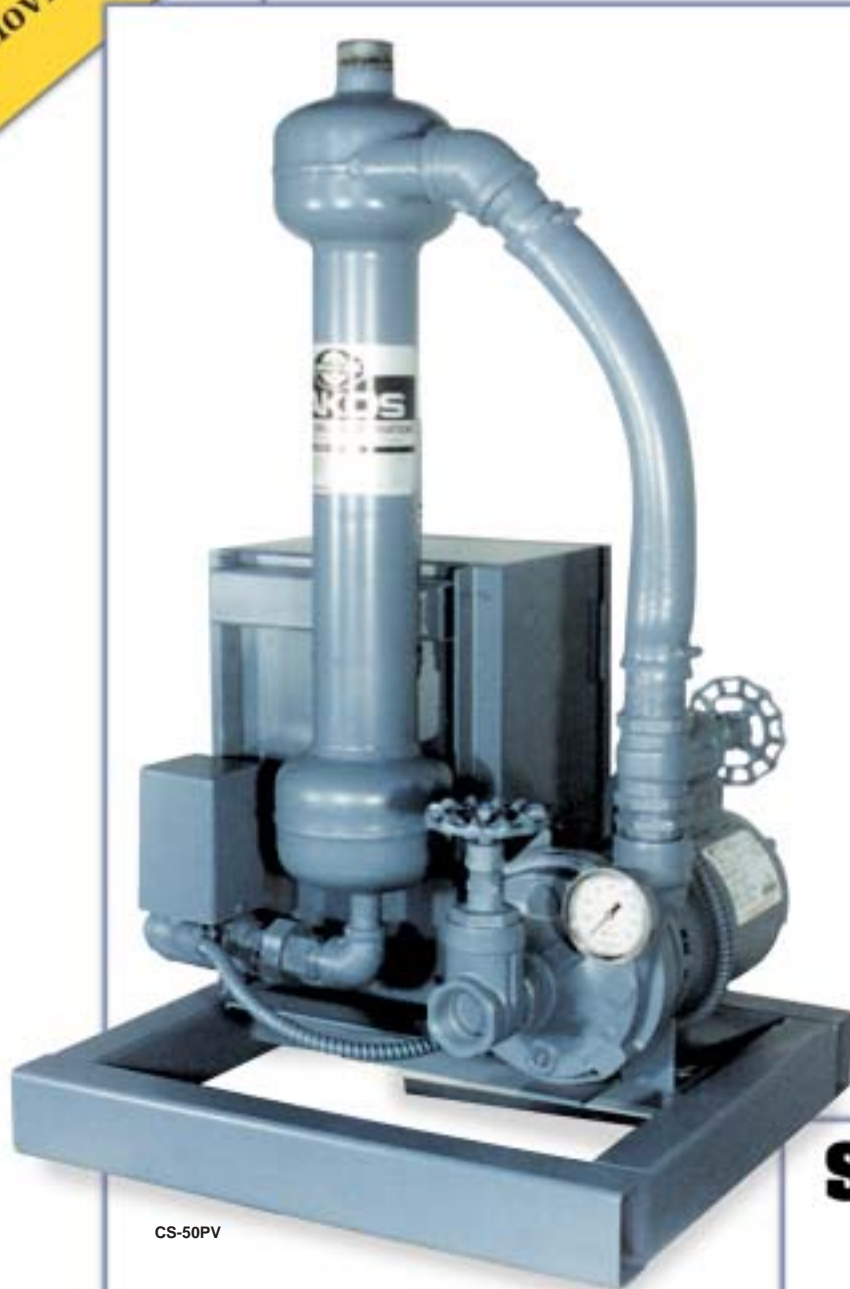


Effective At  
Removing Solids

# CENTRIFUGAL SEPARATORS



CS-50PV

Information on all ADVANTAGE water system products is available on our website at:  
[www.AdvantageEngineering.com](http://www.AdvantageEngineering.com)

**ADVANTAGE Centrifugal Separators** are ideally suited for small system applications, side-stream installations and individual equipment protection. **ADVANTAGE CS-50** is used for removing sand, grit and other fine solids from source or process water/liquid systems, removing 98% of such particles 200 mesh (74 microns) and larger. With heavier solids (metal chips, lead, etc.) expect even better results. Its unique centrifugal style of filtration is not only efficient, but also trouble-free, boasting these standard features:

- **NO MOVING PARTS TO WEAR OUT:** this eliminates mechanical failures and troublesome replacement parts (applies to separator only).
- **NO SCREENS, CARTRIDGES, CONES OR FILTER ELEMENTS TO CLEAN OR REPLACE:** saves labor, reduces downtime and eliminates the ordering and stocking of spare parts.
- **NO BACKFLUSHING:** minimizes water/liquid loss.
- **NO DOWNTIME REQUIREMENTS:** all units are designed to operate continuously with no routine shutdowns for cleaning or maintenance. Purging of separated solids may be performed during full operation with no loss of performance.
- **LOW PRESSURE LOSS:** consistent with the system's flow rate, the **CS-50** centrifugal separators require no more than 5-15 psi for effective solids removal without troublesome pressure fluctuations.

## SPECIFICATIONS

| CENTRIFUGAL SEPARATORS | CS-50PV       | CS-50  |
|------------------------|---------------|--------|
| FLOW                   | GPM 50        | 50     |
| PUMP                   | HP 3          | n/a    |
| INLET/OUTLET SIZE      | Inches 1 1/2  | 1 1/2  |
| WEIGHT                 | with Water    | 100lbs |
|                        | without Water | 120lbs |
| ELECTRICAL             | 230/3/60      | 9.6    |
|                        | 460/3/60      | 4.8    |
| DIMENSIONS             | Height        | 40"    |
|                        | Width         | 25"    |
|                        | Depth         | 20"    |

### FEATURES - AT A GLANCE:

- Removes sand, grit and fine solids
- Filters by centrifugal force, no moving parts
- Optional pump and valve assembly
- No backflushing
- Low maintenance
- Small footprint - compact physical size



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