

OSPREY™ GRAVITY STRAINER

TEN TOP REASONS TO OWN AN OSPREY

- No trapping or driving solids through screen openings.
- Fibers that “staple” are continuously removed by bottom up spray showers.
- Easy visual performance check, inspection and infrequent maintenance. (1-2/years)
- Performance can be “Fine Tuned” (variable speed motor) for change in concentration or flow rate.
- Easy to install, self contained modular unit.
- Small floor space compared to a number of inline strainers.
- No long shutdown required for cleaning.
- Proven Return On Investment.
- Start up assistance and pilot tests.
- Two year warranty on material and workmanship.

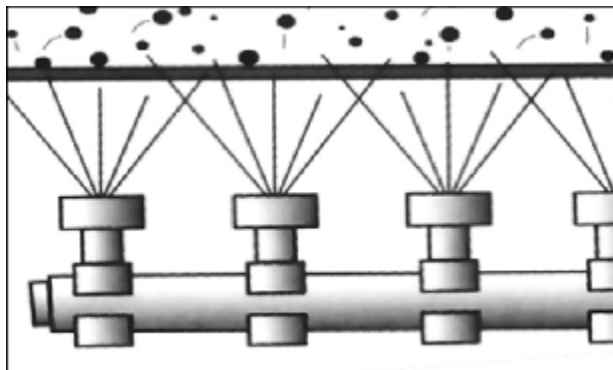
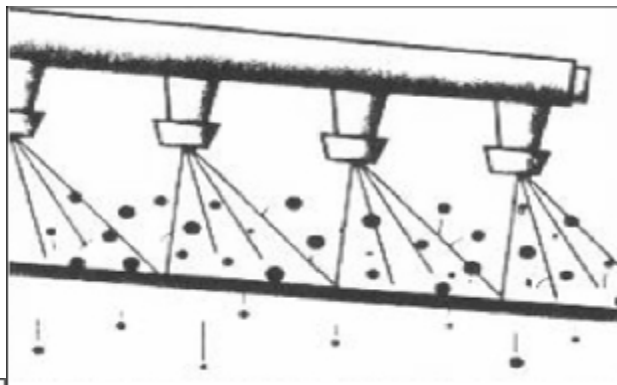


BOTTOM UP VS TOP DOWN CLEANING

BOTTOM UP SPRAY

Lifts fibers/debris off of screen with continuous backwash cleaning

- **Minimizes** potential for clogging and chance of fiber stapling over wire
- **Allows** a larger mesh than equivalent “top-down” filter
- **No** backwash cycle or bag changing



TOP DOWN SPRAY

Sweeps debris/fibers across screen to a central collection point

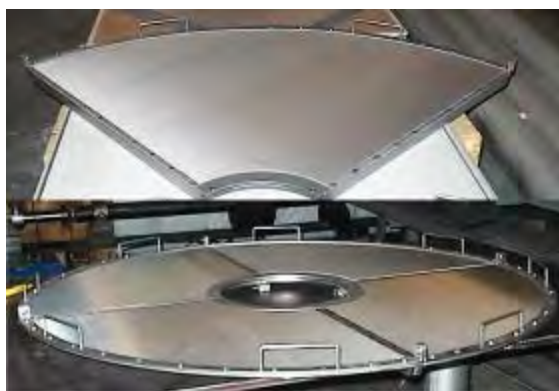
- **Forces** debris/fibers into and through the screen
- **Increases** potential for clogging and stapling of fibers over wires of mesh
- **Smaller** mesh screen. Screen is required to prevent particles from passing through.

OSPREY™ GRAVITY STRAINER

UPDATED DESIGN IMPROVEMENTS

FOR EASE OF MAINTENANCE WITH:

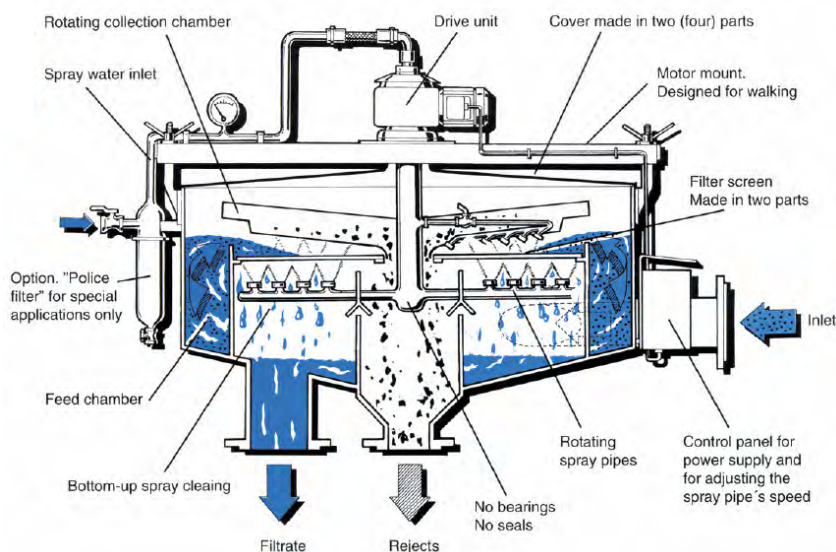
- Superior manufactured Screen Quadrants
- Replace a quadrant instead of an entire screen



FOR EASE OF OPERATION WITH:

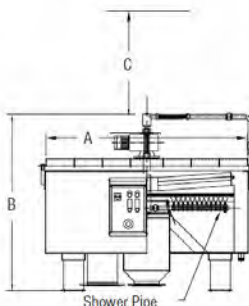
- Self-cleaning nozzles for cleaning showers
- Cleared by simply cycling a valve

STRAINER PROCESS WITH CONTINUOUS CLEANING



TO SIZE YOUR STRAINER, WE NEED FROM YOU:

- Diameter of the nozzle that is clogging in inches or mm.
- Concentration of suspended solids by weight, percent or parts per million.
- Flow rate of white water to be strained, gpm or liters per minute.



LEGEND:

A- Diameter, inches
 B - Height, inches
 C - (Min) clearance above spray water feed, inches

Model	A**	B**	C (min)**	Gross Wt.***
10	49.00"	65.00"	20.00"	1,900 lbs.
14	62.00"	66.00"	20.00"	2,400 lbs.
17	74.00"	69.00"	20.00"	2,600 lbs.
22	93.00"	76.00"	20.00"	3,800 lbs.
25	106.00"	78.00"	20.00"	4,300 lbs.
30	124.00"	80.00"	20.00"	5,200 lbs.

** +/- .25" *** Approximate Weights +/- 50 lbs.