

UFR SYSTEMS

Recovery of +400 mesh fines as a conveyable, stackable product is cost effective using the McLanahan Ultra Fines Recovery system (UFR).

This system provides the finest size fraction recovery available without the use of chemicals.

Installation costs are kept low due to the modular construction. Start-ups are faster with the integrated design.



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- ✓ Reduce fines reporting to the pond
- ✓ Increase pit yield
- ✓ Increase market opportunities
- ✓ Low cost operation
- ✓ Rapid payback on investment
- ✓ No chemical required
- ✓ Finest recovery, driest product
- ✓ Modular construction

Low operating costs result from using the best combination of equipment.

Larger but more efficient Cyclones increase recovery by eliminating blockages and reducing maintenance *versus* the use of smaller units.

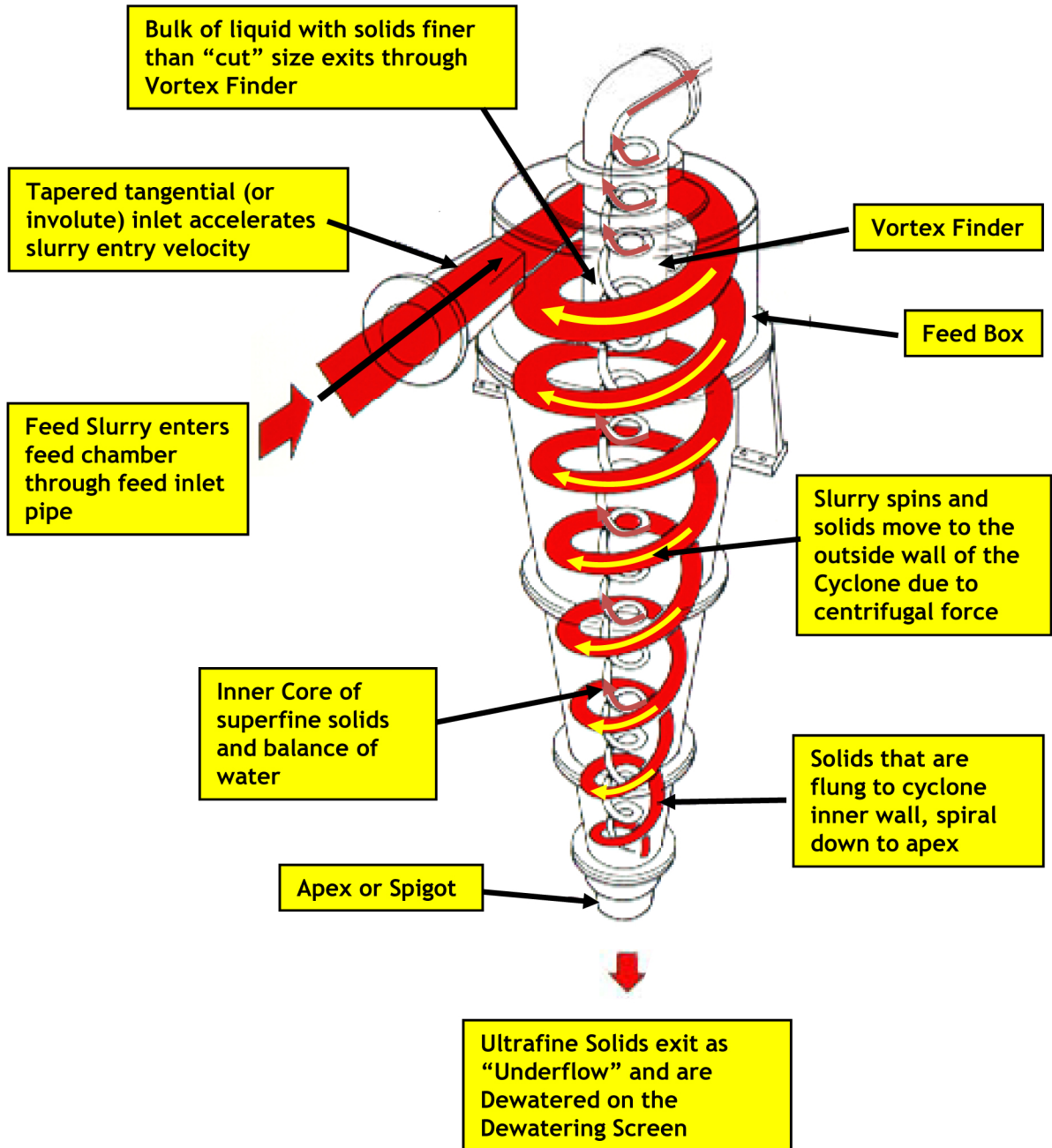
Rubber lined Pump for long wear life. The self regulating sump requires less operator intervention.

OR

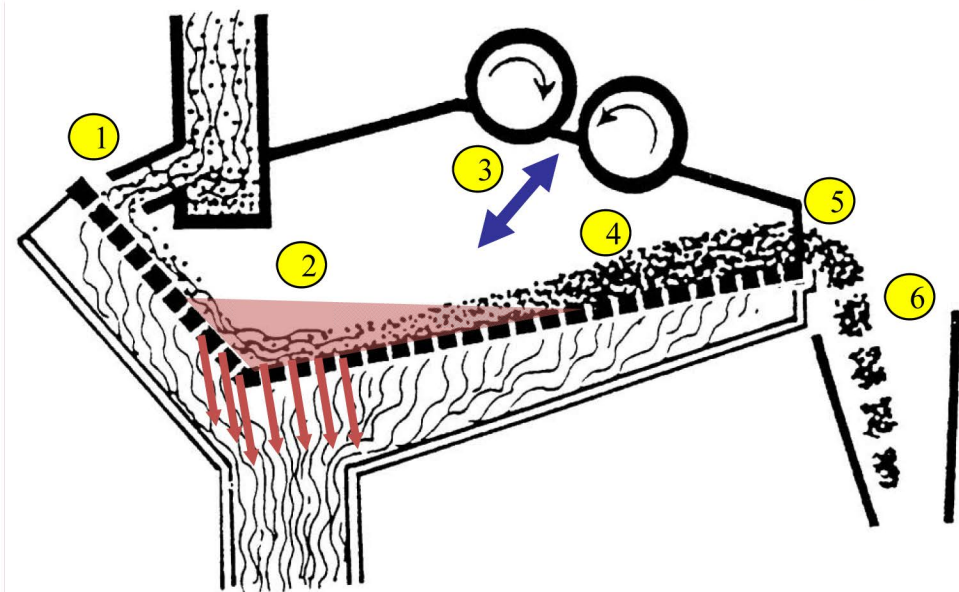
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Cyclones in a UFR system – How they Work



Dewatering Screens in the UFR- How they Work



- 1 Slurry feeds onto steeply inclined screen surface to achieve rapid drainage.
- 2 A pool of water forms in the valley as sand builds up on inclined surface
- 3 Linear motion throws solids uphill while water drains through panels.
- 4 This deep bed acts as a filter medium, allowing retention of material much finer than screen openings.
- 5 A discharge weir retards the transport of solids, creating a deep bed on the screen surface.
- 6 Drip-free Ultra-fine product discharge exits the screen

