Whirl Wet® Dust Collector Systems for Particles Above 3 Microns

Whirl Wet Collects Dusts Over a Broad Range of Micron Sizes at Efficiencies of 99% and Higher

The Tri-Mer Whirl Wet is an advanced dust collector system that has a smooth interior and encased structure, satisfying the requirements of food processing and pharmaceutical environments.

The system requires very little maintenance and uses very little water. Water level is maintained automatically, and make-up water is only necessary to compensate for evaporation or sludge removal. It performs equally well for soluble and insoluble dust loads. Units operate 24/7 without shut-down.

Whirl Wet does not have any internal moving parts to wear or replace. Rather, its unique, dual-opposed internally mounted blades develop 8” of water gauge. The aggressive action of the liquid and particulate over the blade system makes the unit impossible to clog under operating conditions, so the agglomeration and sticky residues that plug dry dust systems are not an issue with the Whirl Wet.

Whirl Wet is the ultimate in streamlined dust collection technology, and does not use filter bags, cartridges or other consumable items. The system is self-cleaning and does not require recirculation pumps and tanks, or complex plumbing. Particulate removal is quick and uncomplicated, either manually, or by hopper-style manual or automatic drain-down, or continuous drag-out.

Whirl Wet is compatible with materials recovery for many applications. Processes that were not formerly candidates for materials recovery become good candidates with the Whirl Wet.

Whirl Wet is manufactured in single unit capacities to 50,000 cfm, in steel, stainless steel, polypropylene and PVC.

Typical Applications:
- Bakery dusts
- Grain processing
- Spice blending
- Cosmetics manufacturing
- Brick dusts
- Ceramic and stone dusts
- Grinding and sanding operations
- Bag breaking areas
- Crusher operations
- Investment castings
- Battery forming
- Wax products manufacturing
- Chemical processing
- Fertilizer manufacturing
- Pulp and paper making
- Salt bagging
- Solar cell manufacturing

www.tri-mer.com