

# FilterONE USA, LLC.

Information Sheet No.2  
1807 S. Powerline Road, Suite 107  
Deerfield Beach, Florida 33442  
Ph: 954 757 9741 Fax: 954 757 9742  
www.filteroneusa.com

## F-1 Shaftless Conveyor Washer Compactor

The F-1 Shaftless Conveyor Washer Compactor (CWC) is engineered and designed to be an all-in-one drainage, conveying, washing, dewatering, and compaction unit. This piece of equipment is usually installed under the influent screen in the headworks of a wastewater treatment facility.

The standard unit is manufactured of 304 stainless steel but is also available in 316 Stainless Steel. The heavy duty shaftless spiral is manufactured of high strength carbon steel and reinforced at the outlet end to facilitate compaction of screenings

The Shaftless CWC can be provided with multiple inlet hoppers, to accommodate an installation with a number influent screens. This allows for better drainage when the unit is timed out during the “automatic mode” of a standard screening system. Upon start of the “run mode,” the screenings and fecal matter are conveyed to the washing and dewatering zone where the fecal matter is



washed out by the stainless steel spray-bar assembly. The washed solids are then conveyed to the discharge end fitted with a “weighted” gate, where the solids are compacted prior to being discharged to a dumpster and then transported to a landfill.

The F-1 Shaftless CWC is enclosed to provide a safe and clean working environment around the equipment, as well as to reduce odors. The stainless steel trough includes a wear resistant liner that maximizes life of the spiral. This liner is a wear item which needs periodic inspection, and eventual replacement, which can easily be done during a scheduled maintenance shutdown. An emergency stop switch is a standard feature, as are 304 stainless steel support legs.

For a user friendly, trouble free, and extremely reliable F-1 Shaftless Conveyor Washer Compactor, make the FilterONE USA Equipment your first and only choice.

All equipment manufactured by FilterONE USA is American made—**keep America working!**