

**GET EFFICIENT.  
GET 95%.**



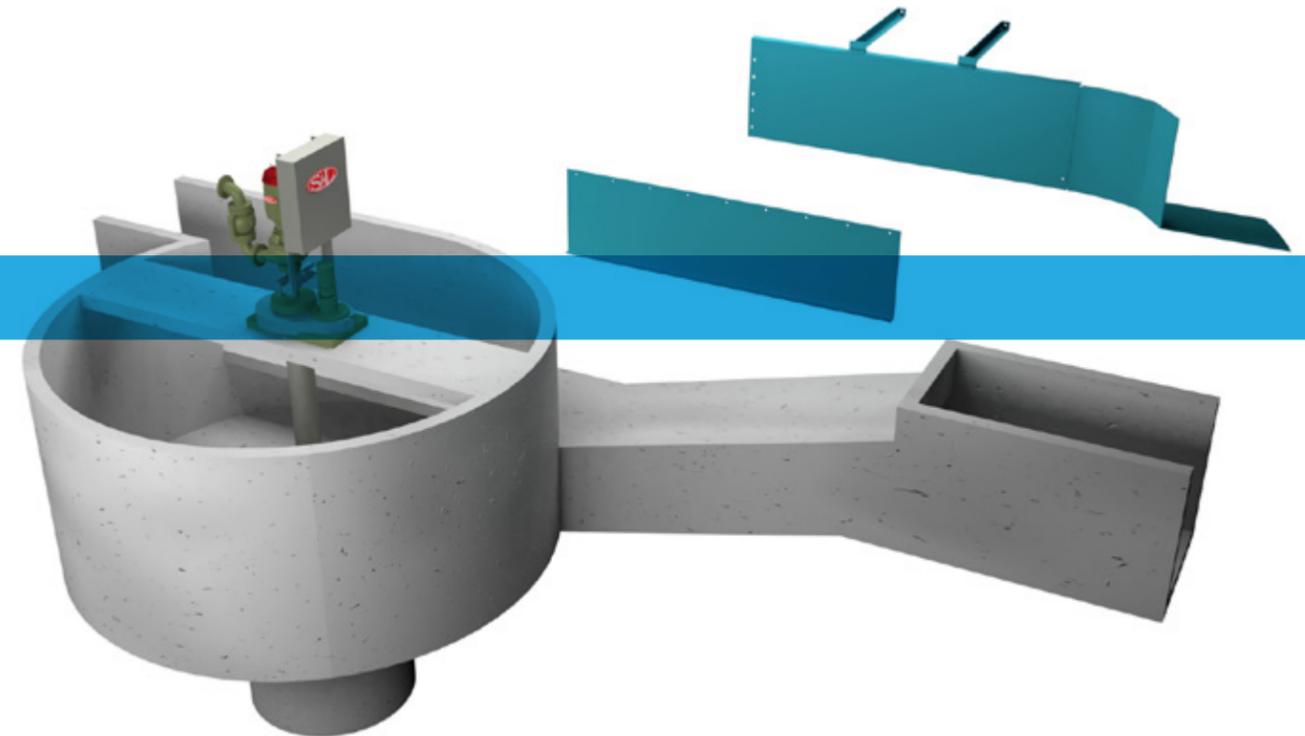
**Smith & Loveless Inc.**

# PISTA 360™

WITH **V-FORCE** BAFFLE™



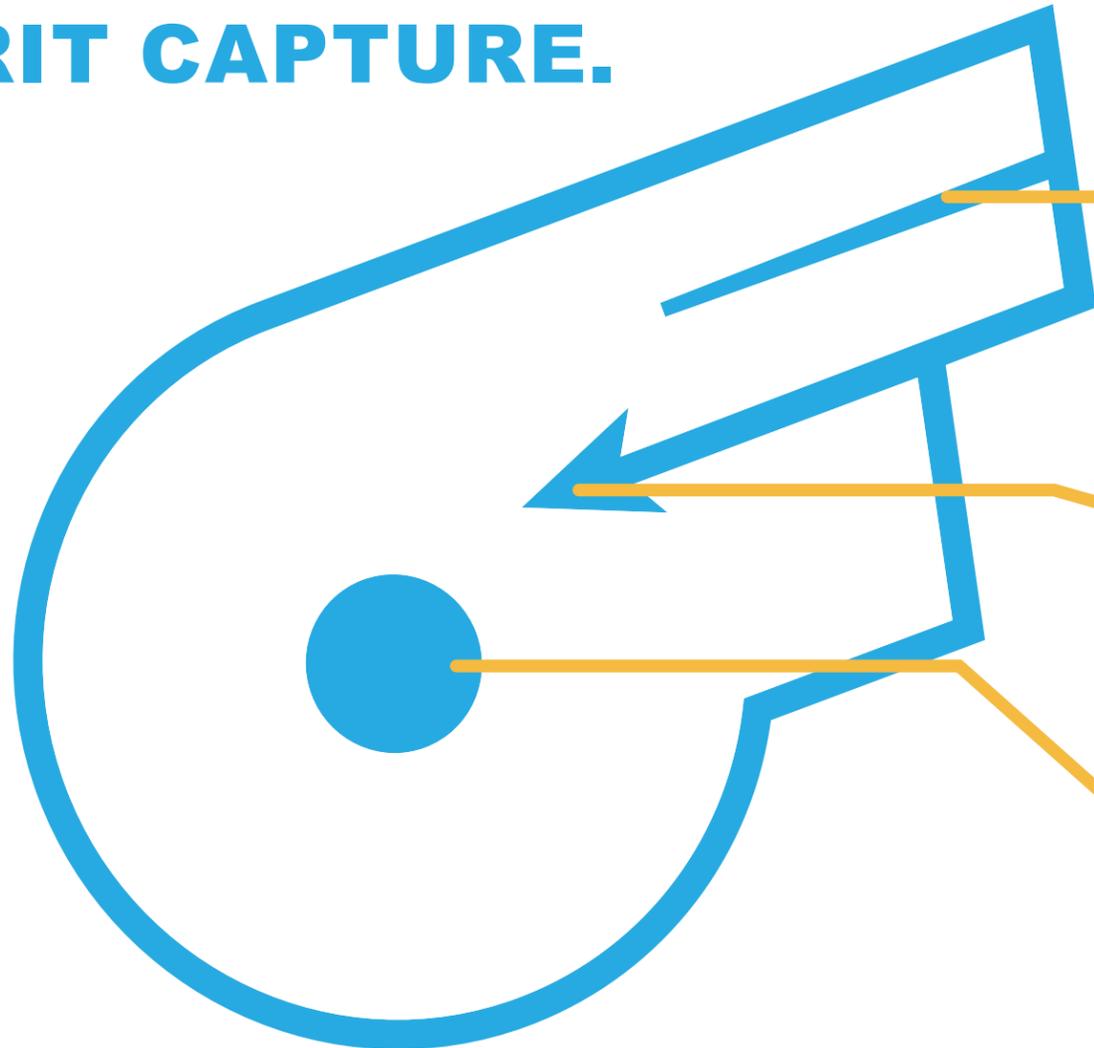
**Upgrade to 95%**



Upgrade your PISTA® 360™ Grit Chamber by inserting the V-FORCE BAFFLE™, which is an integral flow control baffle that enhances the hydraulics of the grit chamber producing 95% grit removal efficiency. The V-FORCE BAFFLE™ is designed to direct the inlet flow into the chamber in a manner ensuring the proper hydraulics and vortex flow and to prevent short-circuiting, allowing for a full 360° rotation through the inlet and outlet, providing maximum grit removal.

**Why settle for less...  
Choose Hydraulics.  
95% Efficiency.**

# THE NEW STANDARD. 95% EFFICIENT GRIT CAPTURE.



## 270™ LFB

The **270™ LFB** Low Flow Baffle is installed on most units. Each baffle is custom engineered based on flow rate to achieve 95% of 100 mesh (150 micron). Bisecting the influent channel, this baffle makes it possible for your existing unit to handle a wide range of flows while maintaining optimum channel velocity of 2 to 3.5 ft/sec for grit transport with minimum turbulence, and to provide the proper entry velocity into the main 270° grit chamber.

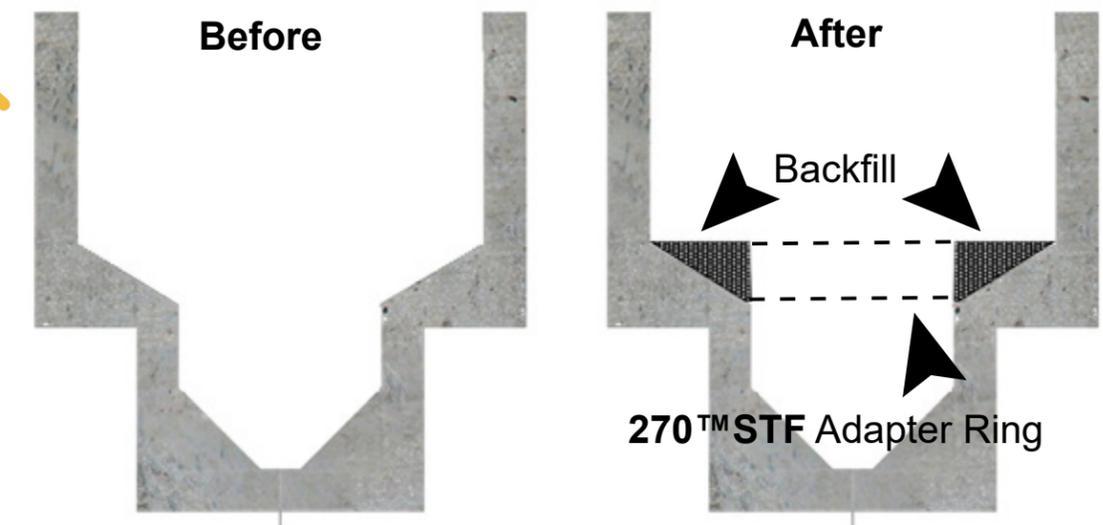
## 270™ B

The **270™ B** Exit Baffle is the essential component to every **OPTIFLOW 270™**. It increases grit removal efficiency to 95% down to 100 mesh (150 micron) on 270 degree grit chambers from any manufacturer. Each baffle is custom engineered based on flow rate to achieve 95% of 100 mesh (150 micron). Installed within the chamber at the exit, the **270™ B** directs the flow toward the hopper for an additional pass along the flat-bottomed chamber floor for additional grit removal.

## OPTIFLOW 270™ Baffle System

The **OPTIFLOW 270™** Baffle System brings previously unachieved grit removal efficiencies to any 270° Grit Vortex system during peak and low flows alike. The **OPTIFLOW 270™** Baffle system is the only system that adapts both high and low flows into the ideal influent range of 2 to 3.5 ft/second and minimizing grit slugs frequently seen with large variability in flow. This baffle system fits within existing concrete structure to improve performance while avoiding the high costs of a full concrete structure replacement.

## 270™ STF



## Weather Protection

The **PISTA® PRO-PAK™** is the world's best grit removal scheme in a weather-protected, factory-assembled package. The custom-engineered **PISTA® PRO-PAK™** features a **PISTA®** drive assembly, vacuum priming system and controls mounted to a steel base and housed within a retractable fiberglass enclosure, a great alternative to building a housing structure. This system requires no heat tracing.

As with all Smith & Loveless products, the patent pending **PISTA® PRO-PAK™** delivers the lowest life-cycle costs, is made in the USA, is NFPA 820 compliant and will provide you with years of dependable service.

Ask about the four available finishes including **DUROLAST®** and the optional heater for really harsh environments!



## MATCH YOUR PISTA® WITH 95% EFFICIENT DEWATERING.

Designed to achieve 95% efficiency of 140 mesh the **PISTA® TURBO™** Grit Washer uses **TRI-CLEANSE TECHNOLOGY™** to produce clean grit while minimizing the odor caused by putrescible organics and the costs associated with growing landfill restrictions. **Smith & Loveless, Inc.® PISTA® TURBO™** Grit Washer separates heavier inorganics from lighter organics, while dewatering grit. Superior Grit Quality.



**Smith & Loveless, Inc.**  
14040 Santa Fe Trail Drive  
Lenexa, KS 66215

**WHY NOT. 95% EFFICIENCY.  
IMPROVE YOUR EXISTING SYSTEM.  
INSERT S&L BAFFLES.**

