FLOOD DEFENCE/DRAINAGE AND INTERCEPTOR MAINTENANCE

Vortex Flow Control

Low maintenance drainage flow limiter

Overview

Andel Vortex flow control is a flow limiter. It is designed to limit the flow in overflow basins, surge basins and sewer systems (combined and rainwater) to a predefined, maximum drainage capacity.

Andel Vortex flow control consists of a durable, stainless steel (AISI 316) casing with no moving parts. At low flow rates, the vortex flow control allows the (waste) water to flow through unhindered.

Applications

The Andel Vortex flow control is perfectly suited as a flow limiter in overflow basins, surge basins, combined and rainwater sewer systems, industrial waste and watercourses.

Furthermore, the vortex flow control serves as a good flow limiter for separators and industrial water treatment. Prior to the vortex flow control a dirt trap needs to be installed.

Cyclone Vortex Flow Control (CY-F)

Creates a natural vortex with an air-filled core at increased flow rates, slowing water without altering the opening size. Available with U-shaped inflow apertures compliant with Aquafin guidelines.

Vertical Vortex Flow Control (CE/V)

A removable design with a separate attachment plate for flat wall mounting, enabling easy maintenance access.

Benefits at a glance

- Innovative device designed for the restriction of water flow in sewer systems using natural flow of water
- Suitable to restrict the flow of wastewater in overflow systems, storm water systems, storage systems, combined systems and rainwater systems
- Stainless steel with no moving parts
- Corrosion-free construction
- Two options available: Cyclone and Vertical
- No wear and tear
- No energy consumption
- Accurate capacity
- Required capacity can be precisely defined
- Minimum maintenance with simple and quick installation
- Considerable saving in the size of your industrial water purification system
- Mounting plate for convenient wall mounting
- Approved in conformity with Aquafin guidelines SB 250, III-12.6

TECHNICAL INFORMATION

CONSTRUCTION

Casing: Durable stainless steel (AISI 316)
Moving parts: None
Mounting: Mounting plate for convenient wall mounting
Options: Cyclone and Vertical

INSTALLATION

Dirt trap: A dirt trap needs to be installed before the vortex flow control

Standards & certifications

- Aquafin guidelines SB 250, III-12.6