



**Fridhill Cyclone is an effective particle separator with low overall height. It's available in two sizes.**

On request the Cyclone can be delivered with 3-A connections, polished stainless steel as well as wear treated for use in abrasive applications.

**Characteristics of Fridhill Cyclone:**

- Removes > 98% of the particles
- Low height
- Simple construction
- Many uses

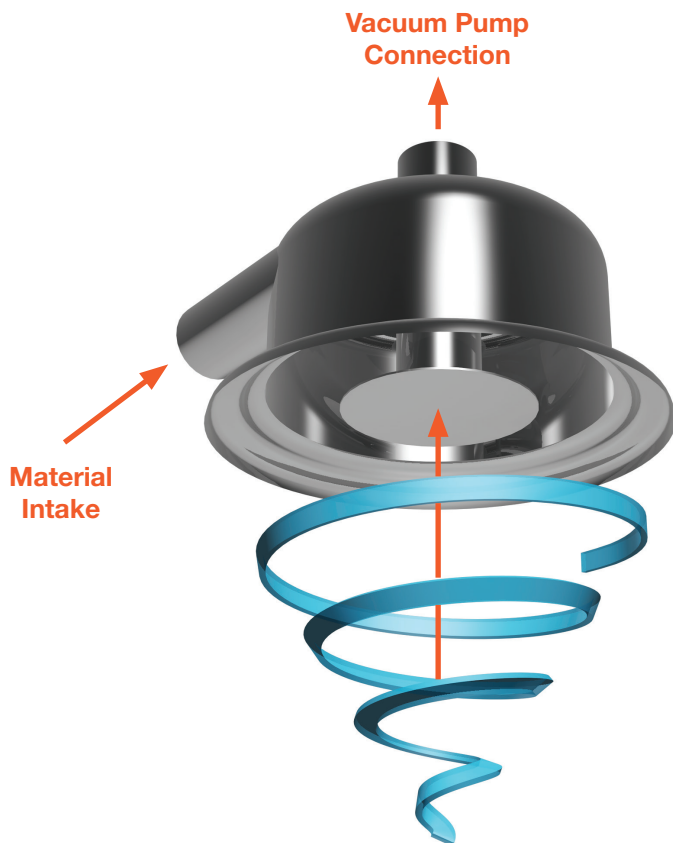
### Effective particle removal

Fridhill Cyclone is an effective particle separator, that separates more than 98 percent of the particles. Integrated into a vacuum system, the cyclone prevents filters from getting overloaded and clogged. The cyclone can also work as an effective material separator.

### Low height

The Fridhill Cyclone is available in two sizes, with the smallest only 177 mm high and the larger 232 mm. Thanks to the low height, the cyclone can be easily applied in most installations and environments.

### Simple construction



To the uninitiated it may seem hard to believe that such a small cyclone could perform so much better than conventional cyclones.

The development of the Fridhill Cyclone is based on long experience. It has an innovative design and protected construction.

The principle is based on the material entering tangentially into the cyclone. Gravity makes the material fall down in a spiral. When the spiral loses energy, the air flow is turned upward and hits the plate inside the cyclone. The particles fall down while air continues to flow around the plate and out through the connection to the vacuum source.



### Many Uses

The Fridhill Cyclone can be used in all industries, without restriction. The cyclone is available for food, pharmaceutical and industrial applications.

The lower flange is designed to fit different interfaces.

PIVAC group offers tailor made solutions within the material handling field. Our core business concept is divided in three units:

**Handling** – Vacuum Components and Systems, **Lifting** – Manual lifting units, **Conveying** – powder and Granules.

Our product portfolio is wide and contains first class products and brands from leading manufacturers within industrial material handling systems.

Please visit our homepage to find out more about us and see what we can provide: [www.pivac.se](http://www.pivac.se)

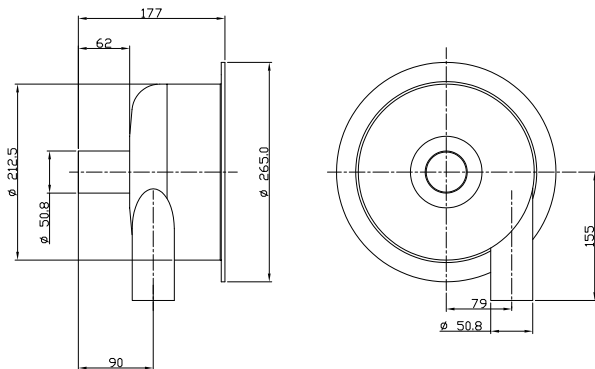
## Technical data

**A** = Sketch PIAB interface 21

**B** = Sketch universal interface  $\varnothing 265\text{mm}$

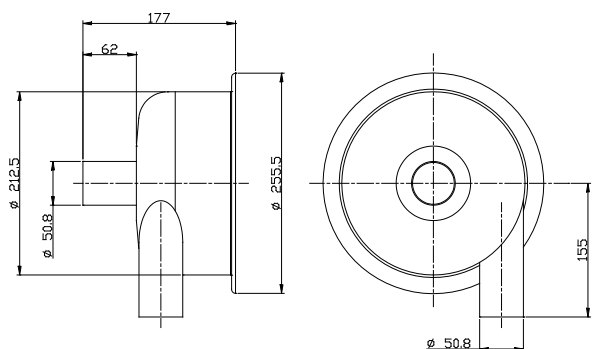
**C** = Sketch PIAB interface 33

**D** = Sketch universal interface  $\varnothing 365\text{mm}$



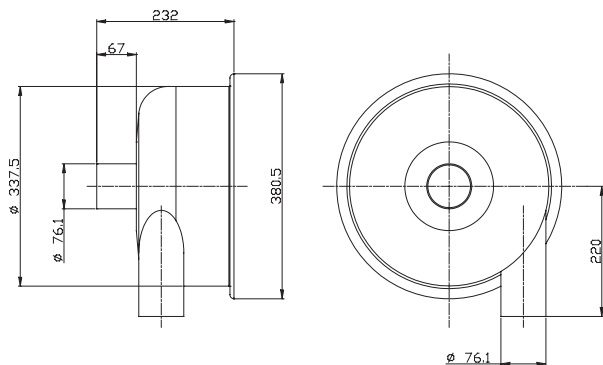
### A

Part no	Description
5100CC2150	Cyclone 21/50 coated steel, connection D=50mm
5100SSB2150	Cyclone 21/50 SS 316L, blasted, connection D=50mm



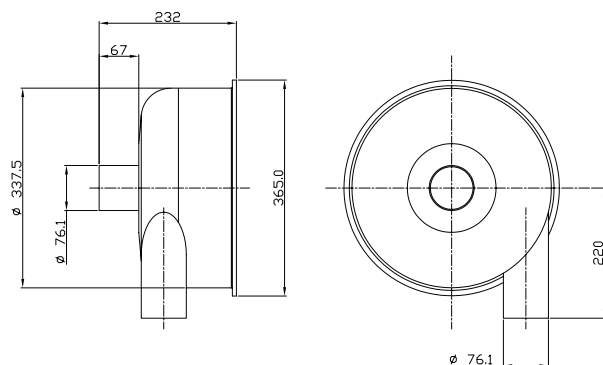
### B

Part no	Description
5100CCR2150	Cyclone 21/50 coated steel, universal flange $\varnothing 265\text{mm}$ , connection D=50mm
5100SSBR2150	Cyclone 21/50 SS 316L, blasted, universal flange $\varnothing 265\text{mm}$



### C

Part no	Description
5100CC3376	Cyclone 33/76, coated steel, connection D=76, 1mm
5100SSB3376	Cyclone 33/76 SS 316L, blasted, connection D=76, 1mm



### D

Part no	Description
5100CCR3376	Cyclone 33/76 coated steel, universal flange $\varnothing 365\text{mm}$
5100SSBR3376	Cyclone 33/76, SS 316L, blasted, universal flange $\varnothing 365\text{mm}$ , connection D=76, 1mm

## PIVAC - The Vacuum Specialist

PIVAC has long experience and extensive knowledge of vacuum technology and vacuum conveying.

We can help with all aspects of your vacuum needs.