

# Uni-Dust Type 5

## Technical Overview

The Uni-Dust Type 5 cyclone is designed to accommodate an airflow of 100 – 150 m<sup>3</sup>/hr (59 – 88 CFM).

The outlet catchpot can be customised to suit application product loss, typically to hold a capacity of 3 – 50 litres.

As standard, all contact parts are manufactured from 316L stainless steel (180 grit), with FDA compliant seals, gaskets etc. Non-contact parts such as frames and control panels are manufactured from 304 stainless steel (150 grit).

## Key Information

- > High efficiency design capturing 90 - 99.9% of powder
- > Prevents blinding and replacement of expensive filters in central dust extraction system or vacuum cleaner
- > Improved bath reconciliation and yields
- > Almost zero maintenance costs with no moving parts or filters
- > Recovered powder can be reintroduced - minimising material loss and saving money
- > GMP design
- > Suitable for use in ATEX Zone 0/20

## Data Table

Criteria	Unit	Uni-Dust Type 5
Airflow Range	m <sup>3</sup> /hr	100 – 150
	CFM	59 – 88
Cyclone Body Dia.	mm	101.6
	in	4" T/C
Inlet / Outlet Pipe Dia.	mm	50.8
	in	2" T/C
Product Discharge Dia.	mm	63.5
	in	2½" T/C
Approximate Weight	kgs	12
	lbs	26
Typical Noise Level	dB	0 (no moving parts / no mechanical noise generated)
Contact Parts		AISI 316L stainless steel (1.4404)
Non-Contact Parts		AISI 304 stainless steel (1.4301)

## Product Images

