



Uni-Dust Type 50

Technical Overview

The Uni-Dust Type 50 cyclone is designed to accommodate an airflow of 600 – 800 m³/hr (350 – 470 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 portable trolleys and wall brackets 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 50
Airflow Range	m ³ /hr	600 – 800
	CFM	350 – 470
Cyclone Body Dia.	mm	254
	in	10" T/C
Inlet / Outlet Pipe Dia.	mm	127
	in	5" T/C
Product Discharge Dia.	mm	168.2
	in	6 5/8" T/C
Approximate Weight	kgs	52
	lbs	115
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

