

hanningfield

PRC-02-0259

← AIRFLOW

Uni-Dust Type 2

Technical Overview

The Uni-Dust Type 2 cyclone is designed to accommodate an airflow of 25 – 50 m³/hr (15 – 30 CFM).

The outlet catchpot can be customised to suit application product loss, typically to hold a capacity of 1 – 10 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).

Data Table

Criteria	Unit	Uni-Dust Type 2
Airflow Range	m ³ /hr	25 – 50
	CFM	15 – 30
Cyclone Body Dia.	mm	50.8
	in	2" T/C
Inlet / Outlet Pipe Dia.	mm	25.4
	in	1" T/C
Product Discharge Dia.	mm	50.8
	in	2" T/C
Approximate Weight	kgs	2
	lbs	4.4
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)

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

Product Images

