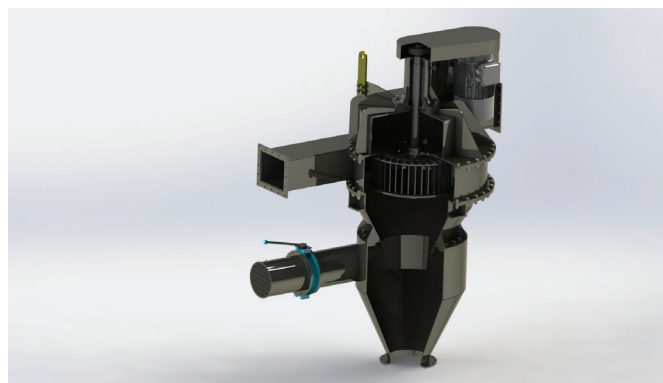
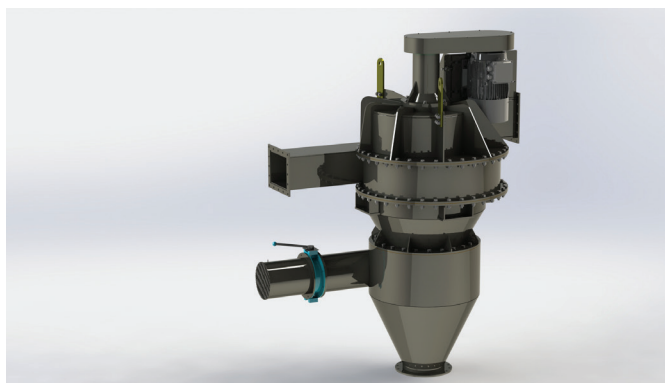


# Aerosplit Classifier

## Models

A range of sizes designed for throughputs of between 1kg and 10 tonnes per hour.



## Applications

The Aerosplit Classifier is a high-efficiency air-swept, dynamic classifier suitable for processing dry particulate materials between 1 and 150 microns and is capable of handling quantities from 5kgs per hour up to 10 tonnes per hour. These forced-vortex units are designed to operate either as an independent, stand-alone system incorporating a feeder, fan and product-collection equipment or in closed circuit within a conventional milling system. The Aerosplit can be installed in existing air systems with a minimum of modification and will accurately separate products of exceptional fineness over a wide range of feed variations.

The Aerosplit Classifier range of equipment is widely used for controlling particle size in the chemicals, ceramics, metal powders, minerals, plastics and recycling industries.

## Features and benefits

- High-efficiency air classifier
- Particle size cut-point in the range 1 to 150 microns
- Excellent sharpness of cut
- Precise on-stream control of cut-point by variation of rotor speed and airflow
- Low system resistance
- Low power consumption
- Adjustable secondary air-wash system for optimisation of classification efficiency
- Operates under negative pressure promoting dust-free environment
- Robust construction and build quality for long service life
- Can be supplied with a variety of liners and coatings to improve wear resistance

## Aerosplit Classifier equipment range technical data

AEROSPLIT MODEL	MAXIMUM WHEEL SPEED (RPM)	NOMINAL CLASSIFIER MOTOR SIZE (KW)	MAXIMUM TOTAL AIRFLOW		PRESSURE DIFFERENTIAL ACROSS UNIT (mm/SWG)
			(M <sup>3</sup> /HR)	(CFM)	
100	15,000	1.5 – 2.0	220	129	640
200	10,600	2.5 – 3.5	1,200	706	510
300	5,200	5.5 – 7.5	2,640	1,554	410
450	3,300	10 – 12	5,940	3,496	380
600	2,400	11 – 15	10,560	6,215	380
750	1,610	15 – 18.5	16,500	9,712	330
900	1,340	18.5 – 22	24,000	14,126	330
1200	1,100	22 – 30	42,000	24,720	330
1700	510	32 – 38	75,000	44,143	360

**Note:** All data provided is for guidance only  
and may be varied at any time by the company.

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