

Riley Baghouse Dust Collector Range



Stock No [NEW101](#)
Manufacturer [Riley](#)
Model 150BH, 250BH, 450BH & 750BH

Description

Our brand new range of standalone baghouse dust extractors has been engineered to deliver reliable, efficient dust extraction across a wide range of industrial applications. Designed with key performance features including ATEX rated explosion relief panels for handling explosive dust risks, self cleaning shaker cycles for improved filter performance, and a compact footprint for easy installation, these extractors provide a practical and cost effective solution for modern dust collection requirements.

With over 55 years of experience in the surface finishing industry, we at Riley Surface World understand the importance of effective dust extraction. Our new range of standard-sized baghouse dust extractors has been designed to provide dependable performance, versatility, and ease of maintenance, offering a solution suitable for a wide variety of universal processes.

To find out more about baghouse dust extractors and understand how they compare to cartridge dust extractors, read our [knowledge article](#).

Benefits



Image: NEW101-Icons-

Safety First

ATEX-rated explosion relief panel to support compliance with ATEX requirements

Image: NEW101-Icons-

Cost Savings

Baghouse filters require fewer changes compared to cartridge dust extractors

Image: NEW101-Icons-

Low Maintenance

Operation

Shaker cleaning mechanism reduces down

Available Models

	Model	Airflow (CFM & m ³ /hr)	Filter Area (ft ² / m ²)	Fan
Riley 150 Baghouse Dust Collector	150BH	(TBC)	150ft ² / 15m ² (TBC)	1.5kW / 2.0Hp (TBC)
Riley 250 Baghouse Dust Collector	250BH	1500CFM / 2500m ³ /hr	250ft ² / 25m ²	5.5kW / 7.5Hp
Riley 450 Baghouse Dust Collector	450BH	3500CFM / 6000m ³ /hr	450ft ² / 42m ²	7.5kw / 10Hp
Riley 750 Baghouse Dust Collector	750BH	(TBC)	750ft ² / 75m ² (TBC)	8.5kW / 25Hp (TBC)

One of the key advantages of our new range of standard sized dust extractors is that you can purchase the exact model you need, rather than waiting for the same model to become available through our used extractor range.

Specification

- ATEX Rated explosion relief panel
- Re-enforced door bars
- Compact design minimises floor space and fits in virtually any plant layout
- Versatility, to suit a variety of dust collection applications
- Quiet & efficient operation, 7.5kw // 10Hp motor fan are enclosed in collector housing to minimize noise
- Inlet deflector plates
- Easy maintenance
- 2 x 3ft³ quick release collection buckets
- Quick release bucket levers allow for easy removal and maintenance of the bin
- The inlet deflector knocks down larger particles into the hopper reducing bag abrasion and increasing bag filter life
- Heavy duty flexible metal inner bag coils, Inserted into filter bags keep bags open to maximize airflow and assist in knocking the dust off during the cleaning cycle
- Bag release screws allow for easy removal of bags
- Inlets - 2 x 320 x 180mm



Surface
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Association

Riley Industries Ltd
A subsidiary of Barry Riley & Sons Ltd. Director: M P A Riley, Secretary: D Hemming
Registered in England no. 1965748



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Photographs taken prior refurbishment. Our refurbishment service is not available on all machines.