

## Riley 450 Baghouse Dust Collector



Stock No	<a href="#">EF2283J</a>
Manufacturer	<a href="#">Riley</a>
Model	450BH
Year of Manufacture	2026
Condition	Unused, Current Model, Seen powered at RSW
Approx Duty CFM / M <sup>3</sup> /Hr	3500 // 6000
Filter Area ft <sup>2</sup> / m <sup>2</sup>	450 ft <sup>2</sup> // 42m <sup>2</sup>
Other Info	Atex Rated Ex-Panel. Reinforced Doors
Weight (kgs)	725
External Dimensions (WxDxH mm)	1990 x 1040 x 2880mm

### Description

A self-contained collector with everything needed to begin collecting dust, this Riley 450 Baghouse Dust Collector comes complete with fan & fan motor, automatic shaker system, and system controller; making installation quick and easy.

A self-contained collector with everything needed to begin collecting dust, the Unit comes complete with fan & fan motor, automatic shaker and shaker motor, and system controller making installation quick and easy.

This dust collector from is designed to maximize dust collection and the life of the collector components for years of



extended service. The compact design provides a quiet operation with efficient, trouble-free service.

Since the automatic shaker cleans the bag filters, there is no need for expensive compressed air. Ideal for intermittent operations in plant processes, the Unit can be used as a central system or at the point of dust generation.

## Design Features

- 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 3ft<sup>3</sup> 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

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