

Belfab

DUST COLLECTING EQUIPMENT
& DOWNDRAFT TABLES

A division of

Pyradia

BEL SERIES



WOODWORKING DUST COLLECTOR

The **BEL Series** is an industrial small capacity dust collector system generating up to **5000CFM**, available in single or three phases electrical connection. This dust collector is designed to collect dust particles ranging from coarse to mixed sizes, generated by wood machines operating in intermittent or continuous fashions and producing moderate to heavy dust loads. The BEL Series is generally recommended for applications involving one or two machines in a small shop environment or in larger facilities where there is a need for an industrial “stand alone solution”.



COMPACT DESIGN

The BEL series is available in 9 feet high or 11 feet high compact design which makes it ideal for applications where height requirements are a concern.

HIGH PERFORMANCE BLOWER

The BEL series integrates a high performance and super quiet 1800 RPM fan. The **Hummer blower** develops an airflow capacity of 5000CFM and holds a 10HP or 15HP motor. This blower is perfect for applications that require a low sound level (under 81 dB).

*up to 5000 CFM for indoor installation. Above 5,000 CFM an outdoor set up is required (NFPA 664)

Belfab improves its products continuously and may change the specifications without notice.

ENCLOSURELESS DUST COLLECTORS BEL SERIES



DUST DISPOSAL OPTIONS



Disposable bags
(standard)

Steel drums

Plastic tilt trucks

FEATURES

- Low maintenance direct drive centrifugal fan
- Premium TEFC motor (CSAus approved)
- High efficiency beane bag filter bags with efficiency level of 99.99% between 3.8 and 4.6 microns (meets standard PM 2.5)
- The unit is configured for push application only
- Disposable plastic bags with quick clamps
- Compact configuration offering a small footprint
- Magnetic starter (as an option)

WARRANTY

- 12 month warranty

Model	BEL100	BEL100XL	BEL150	BEL150XL
Capacity (CFM)	5000 CFM @ 8.0" WC		5000 CFM @ 10.5" WC	
Blower Motor (HP)	10 HP	10 HP	15 HP	15 HP
Filtration surface (sq.ft)	227.96	331.63	329.28	479.03
Dimensions (W x D x H) (in.)	93" x 54" x 108"	93" x 54" x 130"	118" x 54" x 108"	118" x 54" x 130"
Sound pressure (dB)	80	80	81	81
Inlet diameter (in.)	12	12	14	14
Disposal capacity (gallons)	2 X 105	2 X 105	3 X 105	3 X 105
Module weight (lbs)	1000	1000	1400	1400
Disposable bags included	20	20	30	30

SAFETY STANDARDS AND REGULATIONS: Belfab's enclosureless dust collectors comply with NFPA 664 and 654 which permit inside installation of adequately designed enclosureless wood dust collector systems that produce a maximum of 5000 CFM and to which no mechanically fed machines such as abrasive sanders and moulders are installed. Consult NFPA regulations for more details. Also, consult your local authorities to verify all governing codes and regulations that apply in your locality in regards to the use of enclosureless dust collectors. It is the buyer's responsibility to follow all applicable national, local codes and regulations for installation and system operation.

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