

The BELFAB DW series is engineered as a high efficiency collector solution, capable of filtering large volume of coarse and mixed dust particles or a moderate quantity of fine dust.

The DW is a rugged unit offering a height of less than 11'. This unit is designed to operate as either a dedicated "stand alone", or main dust collector within a woodworking facility.

The DW system integrates BELFAB modular filter technology. This feature makes it possible to increase filtration surface cost effectively, with the introduction of additional filter modules.

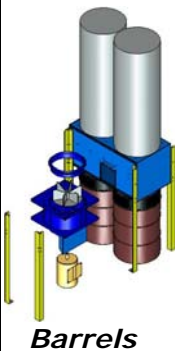
This dust collector series comes with BELFAB patented upgradeable blower. This fan design makes it possible to increase fan performance of our LW/NBM blower from a 2HP/1000CFM to a 20HP/ 5000 CFM, with the simple replacement of the motor, impeller and inlet.

In application where there is a requirement for low sound level (under 84 db), BELFAB HUMMER series is available for application ranging from 10HP to 20HP 5000 CFM.

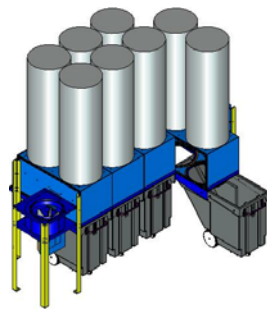
Also the DW dust collector can integrate a variety of dust removal solution ranging from plastic disposable bags, 55 gallon drums to BELFAB patented tilt truck dust disposal system or our revolutionary pneumatic continuous dust transfer system.



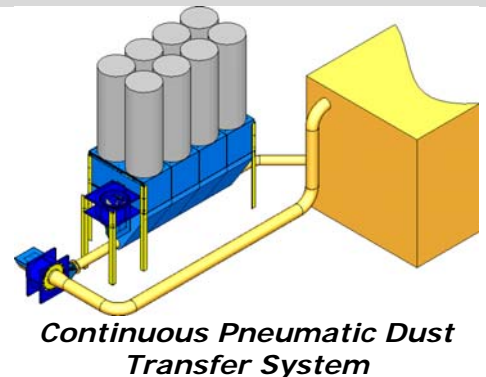
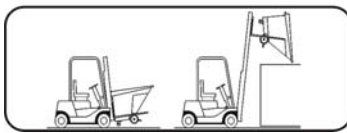
## DUST DISPOSAL OPTIONS



Barrels



Plastic Tilt Trucks



Continuous Pneumatic Dust Transfer System

# SPECIFICATIONS

## MODULES ARRANGEMENTS

	1	2	3	4	5	6
Number of filter modules						
Filtration surface* ft <sup>2</sup>	84	168	252	336	420	504
Dimensions** (W x D x H)	48x48x130	72x48x130	96x48x130	120x48x130	144x48x130	168x48x130
Modules weight (lbs)	250	500	750	1,000	1,250	1,500

\* With barrel configuration. \*\* When equipped with hummer blower module, add 18" to width.

FAN MODULE	STANDARD BLOWER 3600 RPM							HUMMER BLOWER 1800 RPM		
	2HP	3HP	5HP	7.5HP	10HP	15HP	20HP	10HP	15HP	20HP
Capacity (CFM)	1,000	1,400	2,500	3,500	4,600	5,000	6,000	4,600	5,000	6,000
Recommended number of filter modules	1 to 2	1 to 2	1 to 3	2 to 4	2 to 5	3 to 6	4 to 6	2 to 4	3 to 6	4 to 6
Sound pressure* (dB)	80	80	82	84	88	92	92	80	81	83
Inlet diameter (in.)	6	7	9	10	12	14	16	12	14	16
Module weight (lbs)	150	180	200	240	250	340	360	350	450	560

\* Without silencer at 10 feet.

## FEATURES

- Low maintenance direct drive centrifugal fan
- High efficiency TEFC motor, UL & CSA approved
- High efficiency needle felt filter bag (1/8" thick)
- Drum attachment includes: filter sleeve & quick release clamp
- The unit is configured for push application only

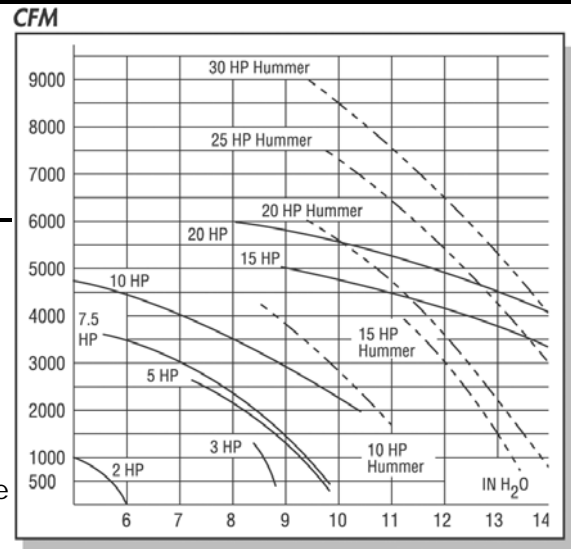
## OPTIONS

- Tilt truck (plastic bin) & adaptor
- Silencer (n/a for hummer blower)
- 55-gallon drums
- Magnetic starter
- Dust transfer system

NOTE: NFPA 664 regulations permit open bag dust collector system with a maximum of 5,000 CFM, where no mechanically fed sanders are present. Consult NFPA regulations for details.

Note: if your installation develops less static pressure than the minimum indicated on this chart, slide gate restriction should be added in order not to exceed recommended maximum motor amperage.

## PERFORMANCE CURVES

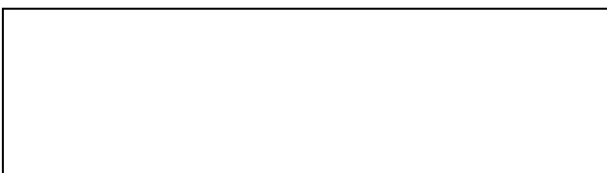


## GUARANTY

All BELFAB manufactured equipment carry one-year guaranty

\* BELFAB improves its product continuously and may change the specifications without notice

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