

The BELFAB LW series is engineered as a high efficiency collector solution, capable of filtering large volume of coarse and mixed dust particles.

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

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

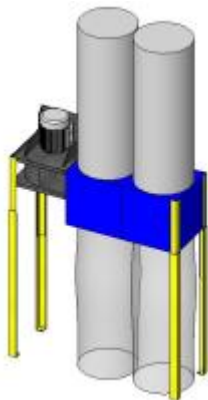
This dust collector series comes with BELFAB patented upgradeable blower. This fan design makes it possible to increase fan performance of our LW/NBM blower from a 2HP/1000CFM to a 20HP/ 5000 CFM, with the simple replacement of the motor, impeller and inlet.

In applications 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.

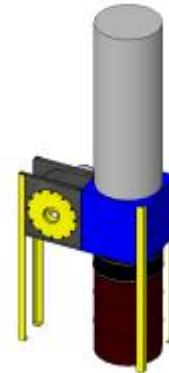
Also the LW dust collector can integrate a variety of dust removal solution ranging from plastic disposable bags to 55 gallon drums.



DUST DISPOSAL OPTIONS

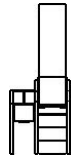
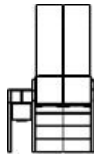
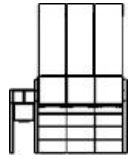

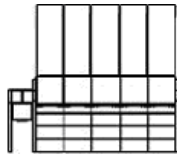
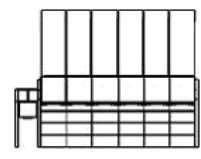


*Plastic disposable bags (standard)
(with extended legs option)*



*Steel drum or bottom filter bag
(Drum adaptor option / bottom filter bag option)*

SPECIFICATIONS

MODULE ARRANGEMENT Number of filter modules						
	1	2	3	4	5	6
Filter surface (ft ²) With bag storage config.	62	124	186	248	310	372
Dimensions (in) (W)* X (D)* X (H)	48x24x130	72x24x130	96x24x130	120x24x130	144x24x130	168x24x130
Modules weight (lbs)	129	174	219	264	309	354

*Note: when equipped with Hummer blower, add 18 inches to width and depth

	STANDARD BLOWER (3600 RPM)							HUMMER BLOWER (1800 RPM)		
	2HP	3HP	5HP	7.5HP	10HP	15HP	20HP	10HP	15HP	20HP
Fan Module (HP)	2HP	3HP	5HP	7.5HP	10HP	15HP	20HP	10HP	15HP	20HP
Capacity (CFM)	1000	1 500	2 500	3 500	4 600	5 000	6 000	4 600	5 000	6 000
Number of filtration modules	1 to 2	1 to 2	2 to 3	3 to 4	3 to 5	4 to 6	5 to 8	3 to 5	4 to 6	5 to 8
Sound pressure level (dB) @ 10'	80	81	86	88	92	92	92	80	81	83
Noise reduction (absolute value) with silencer (%)	36	36	40	40	30	30	30	N/A	N/A	N/A
Inlet diameter (in)	6	7	9	10	12	14	16	12	14	16
Weight (lbs)	150	180	200	240	250	340	360	350	450	560

FEATURES

- Direct drive centrifugal fans
- AMCA class B (standard) and class C (Hummer) anti spark blower assembly
- High efficiency needle felt filter bag 98.98% @ 0.5 micron
- High efficiency TEFC motor, UL & CSA approved
- Comes standard with 5 disposable plastic bags per module
- Bags secured by quick release clamps for speedy removal of residues
- Minimal space requirement for inside installation
- Sturdy and dependable construction
- Fan inlet may be installed on top, bottom, left or right side to facilitate duct assembly (Standard blower only)

OPTIONS

- 55 gallons steel drum with drum adaptor
- Extended legs for maximum dust disposal and easier access under dust collector (increase height by 2 feet)
- Bottom needle felt filter bag
- Silencer for Standard blower configuration
- Pre-wired magnetic starter
- Hummer blower with 1800 RPM motor

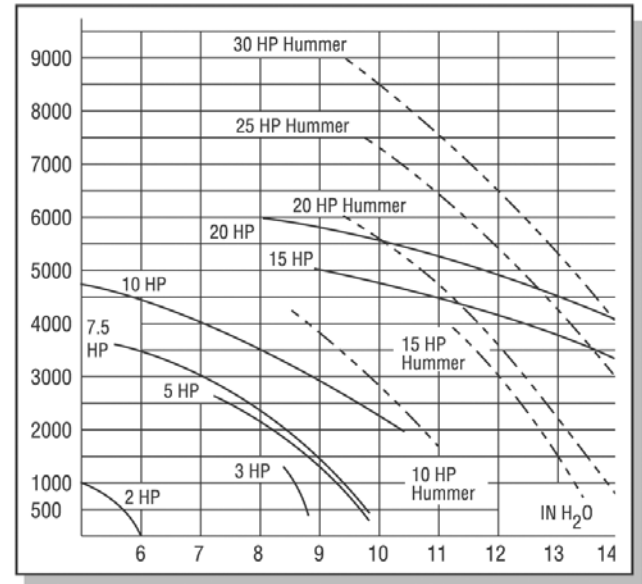
GUARANTY

All BELFAB manufactured equipment carries a one-year guaranty

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CFM



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.

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