

The BELFAB SBM dust collector has been engineered to handle dust volume requirements ranging from 5 000 to 20 000 CFM.

MODULAR FILTER TECHNOLOGY

The SBM dust collector dust collector can be equipped with BELFAB patented upgradeable blowers. This feature gives operators the ability to increase CFM capacity from 10 HP/5 000 CFM to a maximum of twin 30 HP generating 19 000 CFM by replacing blower inlet, impeller and motor.

PATENTED UPGRADABLE BLOWER

The BELFAB dust collector modular series comes with our **patented upgradeable blower**, that makes it possible to increase blower performance (on our standard blower) from a **5HP/2500CFM to twin 20HP/12,000* CFM MAX** by simply replacing motor and impeller within the same fan housing.

Our optional HUMMER 1800 RPM fan offers super quiet operation at up to 9000 CFM* (see note).

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

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.

The SBM dust collector requires an outdoor installation.

OPTIONS

- A choice of 2 **dust disposal systems**
- **Pneumatic dust transfer system**
- Magnetic starter



SBM model shown here with Dust transfer system



Steel drum



Plastic tilt trucks

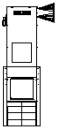
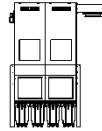
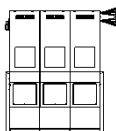
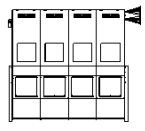
DUST DISPOSAL OPTIONS

SBM: SPECIFICATIONS



SBM

FILTER MODULES ARRANGEMENTS

Number of filter modules	1 	2 	3 	4 
Filtration surface (sq.ft.)	681	1362	2043	2724
Dimension (W x D X H) in.	48" x 96" x 201"	96" x 96" x 201"	144" x 96" x 201"	192" x 96" x 201"
Module weight (lbs)		5000	7500	10 000

HP	SINGLE BLOWER CONFIGURATION				TWIN BLOWER CONFIGURATION			
	15HP	20HP	25	30HP	2x15HP	2x20HP	2x25	2x30HP
Capacity (CFM)	5 000	6 000	7 500	9 000	10 000	12 000	15 000	18 000
Recommended number of filter modules	1	1 to 2	2 to 3	2 to 4	2 to 4	2 to 4	3 to 4	4
Inlet diameter (in.)	14	16	18	20	2 x 14	2 x 16	2 x 18	2 x 20
Outlet diameter (in.)	17	17	24	24	24	24	32	32
Module weight (lbs)	450	560	620	680	900	1120	1240	1360

FEATURES

- NFPA-68 compliant explosion vents.
- High efficiency polytwill filter bags.
- Access door on each module for maintenance
- System operating in push or pull configuration
- High efficiency TEFC motor, CSA & UL or CSA-US approved
- Mechanical shaker (1.5 HP)

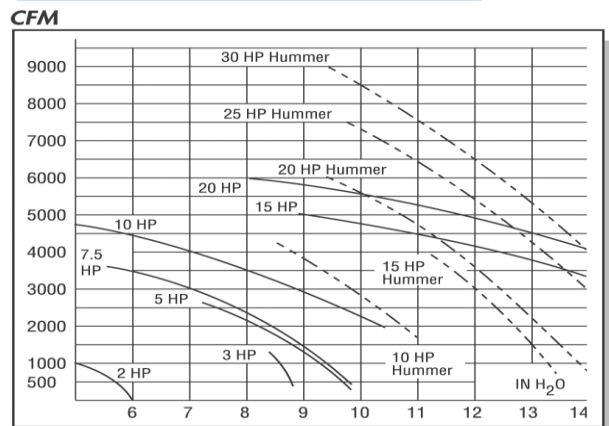
OPTIONS

- Pneumatic dust transfer system
- Single or twin main blower
- Explosion vent conduit , 2-way valve , Tee derivation, Abort damper, Spark detection system
- Pre-wired starter

WARNING

WARNING: Our open type Dust Collectors are designed to comply with NFPA 664 regulations which permit inside installation of adequately designed open type wood dust collector systems that produce a maximum of 5000cfm and to which no mechanically fed machines such as abrasive sanders and moulders are installed. Consult NFPA regulations for more details. *Belfab improves its products continuously and may change the specifications without notice.*

PERFORMANCE GRAPH



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.