

The BELFAB SBM dust collector has been engineered to handle dust volume requirements ranging from 5000 to 20000 CFM.

This mid-range dust collector series integrates BELFAB modular filter technology, which allows adding new filter modules as dust volume increases or to optimize the unit's air-to-cloth ratio cost efficiently.

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/5000 CFM to a maximum of twin 30 HP generating 19000CFM by replacing blower inlet, impeller and motor.

The SBM dust collector can be configured with various dust disposal solutions, ranging from 55 gallon steel drums, to plastic tilt truck or pneumatic dust transfer system.



DUST DISPOSAL OPTIONS



*Steel drums
(Drum adaptors option)*

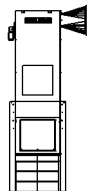
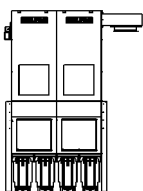
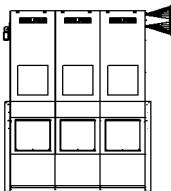
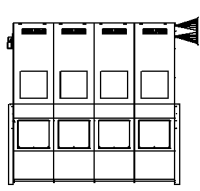


*Tilt truck (plastic bin)
(Tilt truck & adaptor option)*



*Pneumatic Dust Transfer
System
(Pneumatic DTS option)*

SPECIFICATIONS

Modules arrangement				
Number of modules	1	2	3	4
Filter surface (sq.ft.)	681	1362	2043	2724
Dimensions (L) X (D) X (H) in.	48X 96X201	96 X96 X201	144 X96 X201	192 X 96 X 201
Weight (lbs)	2500	5000	7500	10000

	SINGLE BLOWER CONFIG.				TWIN BLOWER CONFIG.			
BLOWER HP	15	20	25	30	2 X 15	2 X 20	2 X 25	2 X 30
Capacity CFM	5000	6000	7500	9000	10000	12000	15000	18000
Number of filter modules	1	1 to 2	2 to 3	2 to 4	2 to 4	2 to 4	3 to 4	4
Sound Pressure (dB)	73	75	77	79	76	78	80	82
Inlet Dia. In.	14	16	18	20	2 X 14	2 X 16	2 X 18	2 X 20
Outlet Dia. In.	17	17	24	24	24	24	32	32
Weight (lbs)	450	560	620	680	900	1120	1240	1360

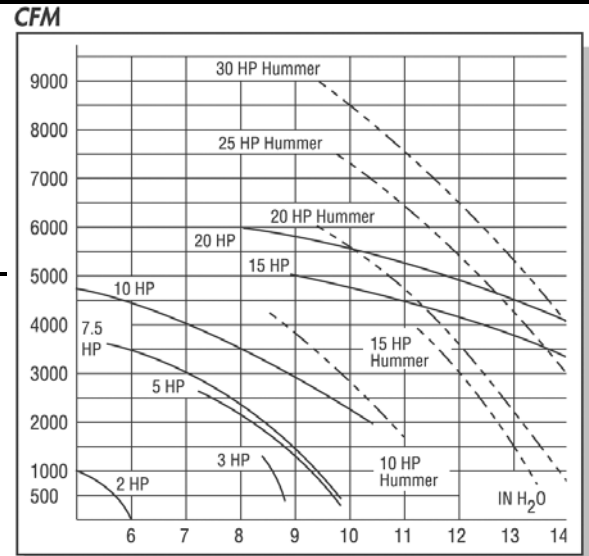
FEATURES

- 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, UL & CSA approved
- Mechanical shaker (1.5 HP)

OPTIONS

- Tilt truck (plastic bin) & adaptor
- Plastic 55 gallon drums
- Pneumatic dust transfer system
- Single or twin main blowers
- Safety features: fire damper, tee derivation, abort damper, spark detector, two-way valve

PERFORMANCE CURVES



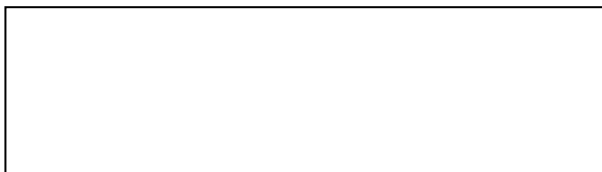
Note: if your installation develops less static pressure than the minimum indicated on this chart, slide gate restriction should be added in order not to exceed recommended maximum motor amperage.

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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