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**MODULAR DUST COLLECTORS
& DOWNDRAFT TABLES**

**WOODWORKING
COARSE & FINE DUST**

**INDUSTRIAL
FUME & FINE DUST**

AIR FILTRATION

WOODWORKING COARSE AND FINE DUST

Designed for intensive and continuous use, the Belfab MPJB modular dust collector is of heavy-duty construction, requires low maintenance and offers reliable performance. This model is suitable for woodworking applications and can process both fine and coarse dust. In order to meet your requirements, each model is offered in two different sizes of filter modules that can be grouped in quantities of up to five to obtain the required filtration surface area. The Belfab MPJB modular dust collector is equipped with a pulse jet cleaning system improving filtration efficiency and filter life. All parts of the MPJB modular system are easily accessible for maintenance. Furthermore, by adding an air return valve to your system, you can return purified air in your plant and save energy.



With the MPJB modular dust collector you can obtain a system with a capacity ranging from 4, 000 CFM to 140, 000 CFM. This system can be equipped with blowers and motors from 20 HP to 500 HP. The MPJB dust collector system is designed to be equipped with a backward inclined blower. This high efficiency blower requires less HP for the same amount of CFM, resulting in great energy savings. The inclination of the blades allows a quiet and stable blower operation.

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

DUST COLLECTORS MPJB SERIES



As your enterprise grows, the MPJB allows you to gradually increase the filtering surface of your dust collector and the blower capacity, offering a system that always meets your requirements.

THE CAPACITY OF YOUR DUST COLLECTING SYSTEM CAN GROW AS FAST AS YOUR COMPANY.

Filter Bags

The 16 oz filter bags are made of polyester and are available in needle felt or woven material with a glazed or singed finish. The efficiency level of the bags ranges between 99.8% and 99.9982%.

Dust disposal options

Choice between a continuous discharge system by a rotary airlock in each module or continuous dust transfer system to a container via a closed loop ducting line.

Service

Our qualified team of engineers can determine the model that is right for your business needs and can design the plumbing layout.

FEATURES

- Automated cleaning sequence
- Explosion doors conform to NFPA 68 safety regulations
- Security ladder and balcony to reach the cleaning system of the modules and filter bags
- Baghouse units with filter bags (1 to 5 modules)
- Unloading of dust by gravity or pneumatic transfer
- Two sprinkler heads in each filtering module
- Silencer (as an option)



Maintenance accessibility

The 2 step platform and ladder are easily accessible and allow for an easy maintenance of the pulse jet cleaning system and filters.

SAFETY ACCESSORIES

- Backdraft damper
- Heat sensor
- Spark detection system (FM approved)
- Explosion vent
- Abort damper
- Dust collector sprinkler

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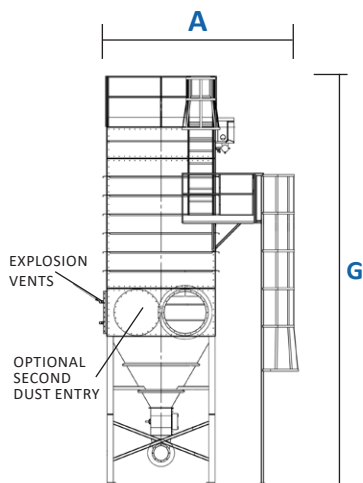
**MPJB
SPECIFICATIONS**

Model	A (in.)	B (in.)	G (in.)	∅ Inlet	∅ Outlet	Quantity of modules	Quantity of bags	Filtration surface (ft ²)	CFM at a ratio of 8 cfm/ft ²
MPJB-9-9	158	122	396	20	24	1	81	2,260	10,000
	158	204	396	28	32	2	162	4,520	20,000
	158	286	396	36	40	3	243	4,520	30,000
	158	368	396	42	46	4	324	6,780	40,000
	158	450	396	36	52	5	405	9,040	50,000
MPJB-12-12	180	144	388	20	32	1	144	2,260	18,000
	180	248	388	40	46	2	288	4,520	36,000
	180	352	388	48	54	3	432	6,780	54,000
	180	456	388	56	62	4	576	9,040	72,000
	180	560	388	62	68	5	720	11,300	90,000

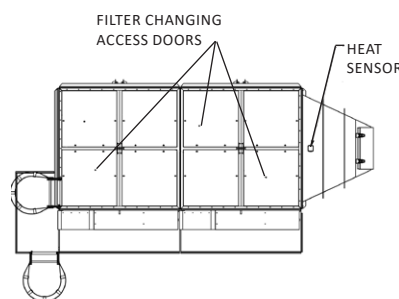
SAFETY STANDARDS AND REGULATIONS

Belfab’s enclosed type dust collectors comply with **NFPA 664, 654 and 68**. In addition, the filter bag efficiency respects the grain size standard **PM 2.5**. Although all our equipment conforms to industry norms and regulations, the proper installation requirements, such as clearance and security accessories, must be respected and the installation should be conducted by a qualified company.

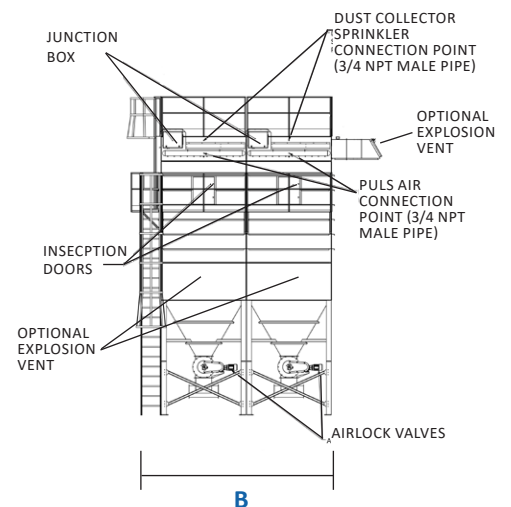
SIDE VIEW



TOP VIEW



FRONT VIEW



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