



Model DB

## Models DA, DB and DBM

AMBIENT DUST/MIST FILTRATION



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## Practical and Effective

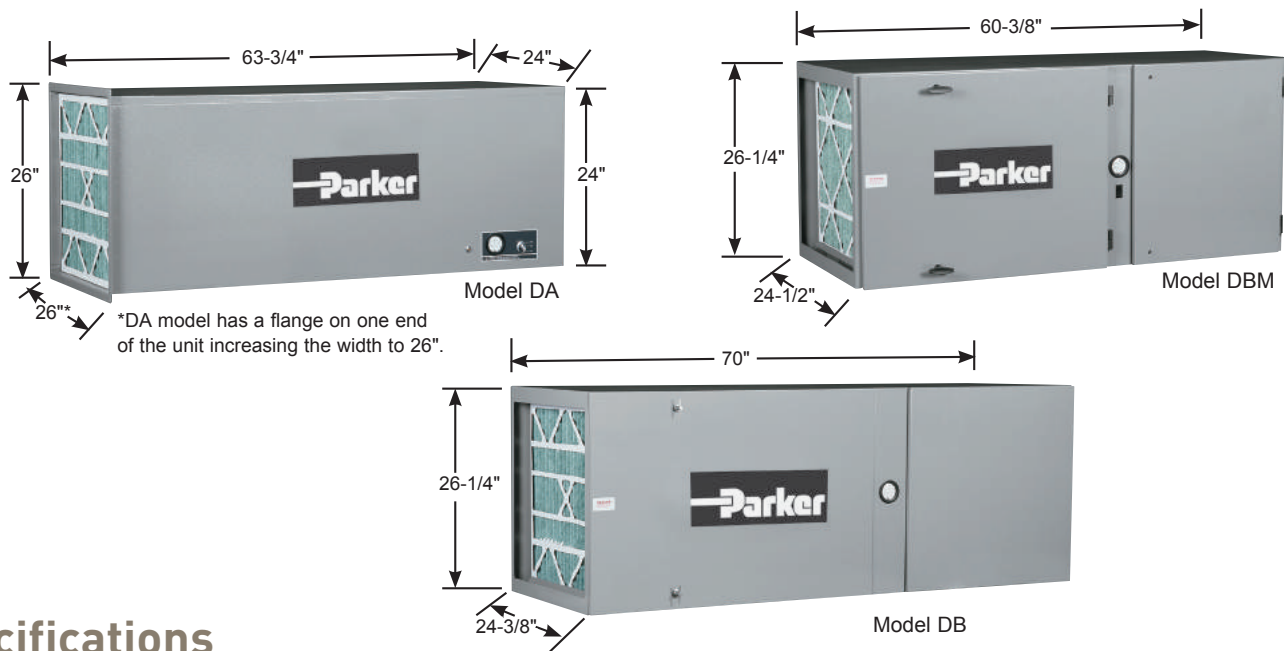
DA, DBM and DB Media Bag Dust and Mist Collectors can help your plant meet clean air standards and regulations for employee health and safety by removing contaminants from the air. Designed as a simple and economical solution to collect dry or wet particles, these systems mechanically excite and remove suspended particles from the ambient air. These multi-purpose units contain high-efficiency filters ideal for removing smoke, dust, oil mist and other pollutants from a facility. Offering a practical and effective solution for collecting contaminants, DA, DBM and DB units come with multiple filtration options to fit your specific pollution control needs such as sub-micronic substances, oil mist or odors and gases. The filters are easy to replace and the media collection surface holds up to 30% more contaminants than comparable products—which means less frequent filter changes!

### Model DA

Designed for dry particles, the DA is used for unducted ambient air filtration. For simple replacement, the filter media is accessed through the front of the unit.

### Models DBM and DB

Both DBM and DB models can be used in ducted installations to capture contaminants at their source or as ambient air filters. Each provides flexibility by offering a wide range of filter options for both wet and dry particle applications for quick and easy maintenance, the filter access is through the side access doors.



## Specifications

Model	Airflow (CFM)	HP	Voltage	Full Load Amps	Length (in.)	Width (in.)	Height (in.)	Hanging Weight**	Shipping Weight
DA	2,200	1	115V/1/60	16.0	63-3/4	26*	26	170 lbs. 77.1 kg	200 lbs. 90.7 kg
		1	208-230V/1/60	9.0/8.1					
DBM	1,500	1	115-230V/1/60	12.8/6.4	60-3/8	24-1/2	26-1/4	183 lbs. 83 kg	218 lbs. 99 kg
		1	230-460V/3/60	3.8/1.4					
		2	115-230V/1/60	23/11.5					
DB	3,000	2	230-460V/3/60	1.0	70	24-1/2	26-1/4	270 lbs. 122 kg	310 lbs. 141 kg
		2	115-230V/1/60						







\*DA model has a flange on one end of the unit increasing the width to 26 in.

\*\*Weights include 4" prefilter and 36" bag filter.

## Effectively Removes Harmful Pollutants

These superior units operate on a two- or three-stage concept of media filtration. Air enters the unit and first passes through the prefilter where larger particles are collected. Next, the air is drawn through the primary filter section for capture of smaller particles. The clean air is then recirculated into the room.

## Filtration Options

Filter	Description	Availability			Nominal Dimensions (HxWxD in.)	Efficiency (ASHRAE 52.1-92)	Use
		DA	DBM	DB			
	Prefilter	X	X	X	24x24x4	35%	General
	Pleated non-woven reinforced cotton fiber media with heavy-duty fiberboard frame		X	X	24x24x2	35%	General
	Aluminum mesh		X	X	24x24x2	92%*	General
	Oil Impinger		X	X	24x24x2	N/A	Oil Mist
	Extended Surface Bag Filter		X	X	24x24x22	65%	Use with carbon or HEPA filter
			X		24x24x29	65%	General
		X		X	24x24x36	65%	General
			X	X	24x24x22	95%	Use with carbon or HEPA filter
			X		24x24x29	95%	General
		X		X	24x24x36	95%	General
				X	24x24x36	95%	Oil Mist
	Vee Bank Carbon Filter			X	24x24x12	N/A	Odor Control
	12-1" trays of carbon (45 lbs.) with metal frame		X		24x24x6	N/A	Odor Control
	HEPA Filter			X	24x24x12	99.97%**	Clean rooms Inspection Areas
	Waterproof glass media with particle board frame		X		24x24x6	99.97%**	Clean rooms Inspection Areas
	Wraparound Prefilter	X	X	X	27x60x2 (media)	92%*	General
	Synthetic fiber with steel frame (attached to cabinet)						

\* ASHRAE Arrestance Efficiency

\*\*Thermal DOP-Federal Standard 209A

Parker Hannifin is committed to providing clean air solutions that protect your employees, improve plant performance and enable you to realize your operating goals.

Our commitment is backed by continuous investment in research, leading-edge technology and product development, our people whom are the most knowledgeable in the industry, and a product portfolio that is proven to deliver results. We have been solving problems for you, our customers across the globe for over 50 years.

## Industrial Applications

- Abrasive cut-off sawing
- Carbon black
- Cast iron machining
- Coolant Mist
- Drilling
- Dry chemicals
- Graphic dust
- Grinding
- Lint
- Offset powder
- Oil mist
- Paint pigments
- Paper dust
- Pharmaceutical powder
- Spices
- Welding
- Wood dust

**Important** - Understand and follow NFPA guidance in selecting equipment for your intended application, including required safety devices and testing your dust to determine combustion hazards. At your election, we can coordinate sample collection and testing.



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