

CENTRIFUGAL WHEEL TYPES



RADIAL



RADIAL TIP



BACKWARD INCLINED

WHEEL TYPE	COMMON DESIGNATION	VOLUME	PRESSURE	STATIC EFFICIENCY	HORSEPOWER CURVE	NOISE LEVEL	APPLICATIONS
Radial	RB	Low	High	70%	Overloading	Higher	Material Handling Dust Collection Pneumatic Conveying Moisture Blow-off Incineration Oven & Dryer Exhaust
Radial Tip	RT	Medium	High	78%	Overloading	Higher	Moderate Material Handling Field-erect Equipment Baghouse Exhaust Recirculation of Dust-laden Gases Scrubber Applications Induced-draft Service
Backward Inclined	BI	High	Low	80%	Non-overloading	Lower	Light Material Handling Clean Air Dry or Moist Airstreams Mildly Contaminated Airstreams
Backward Curved	BC	High	Low	82%	Non-overloading	Lower	Light Material Handling Combustion Air Solvent Recovery Thermal Oxidation Fluidizing Combustion
Airfoil	AF	High	Low	84%	Non-overloading	Lowest	Clean Air Combustion Air Solvent Recovery Thermal Oxidation Fluidizing Combustion
Forward Curve	FC	High	Low	65%	Overloading	Low	Clean Air HVAC Ventilation Oven and Dryer Exhaust Process Drying and Cooling



BACKWARD CURVED



AIRFOIL



FORWARD CURVE



THE NEW YORK
BLOWER COMPANY

800-208-7918

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