

MEGAFAN DD

TUNNEL VENTILATION



VERY HIGH PERFORMANCE AND UNIQUE DIRECT DRIVE DESIGN

- Thick and corrosion-resistant fiberglass housings.
- Totally enclosed, maintenance-free, high efficiency, and U-CSA-C or CE-approved motors.
- Shipped fully assembled, except for discharge cones and guards.
- Extremely quiet operation at all speeds.
- **NO PULLEYS, NO BELTS, NO MAINTENANCE.**
- The gear motor technology is a modular system complete with an energy-efficient motor and an adapted gear unit optimally matched to each other. Without couplings and transmission elements, this high-quality system represents the optimum drive solution.

SIZE	DRIVE	BLADE MODEL	SHUTTER OR GUARD	HP (KW)	VOLT	PH	AMP	RPM	HZ	WATTS USED	CFM (M ³ /H) 0" SP	CFM/WATT (M ³ /H/WATT) 0" SP	CFM (M ³ /H) .05" SP	CFM/WATT (M ³ /H/WATT) .05" SP	CFM (M ³ /H) .10" SP	CFM/WATT (M ³ /H/WATT) .10" SP	CFM (M ³ /H) .125" SP	CFM/WATT (M ³ /H/WATT) .125" SP	CFM (M ³ /H) .20" SP	CFM/WATT (M ³ /H/WATT) .20" SP	AFR %	SPEED	ROUGH OPENING
78"(198 CM)	DD	6 BLADES POLYAMIDE	GUARD	3 (2.25 kW)	230/460	3	8.4/4.2	298	50/60	1778	52 490 (89 233)	26.0 (44.1)	48 600 (82 620)	23.8 (40.5)	47 110 (80 087)	21.6 (36.7)	46 137 (78 433)	20.2 (34.3)	40 840 (69 428)	16.7 (28.4)	78%	VARIABLE	82.5" L X 83" H (209 L X 211 H CM)
78"(198 CM)	DD	6 BLADES POLYAMIDE	SHUTTER	3 (2.25 kW)	230/460	3	8.4/4.2	293	50/60	1711	52 490 (89 233)	26.4 (44.8)	48 600 (82 620)	23.3 (39.6)	47 110 (80 087)	20.7 (35.2)	45 114 (76 694)	19.4 (33.0)	40 840 (69 428)	14.4 (24.5)	78%	VARIABLE	82.5" L X 83" H (209 L X 211 H CM)
78"(198 CM)	DD	6 BLADES ALUMINUM	GUARD	3 (2.25 kW)	230/460	3	8.4/4.2	293	50/60	1627	52 290 (88 893)	28.3 (48.1)	51 150 (86 955)	25.1 (42.7)	49 120 (83 504)	22.5 (38.3)	46 006 (78 210)	21.1 (35.9)	43 820 (74 494)	17.3 (29.4)	84%	VARIABLE	82.5" L X 83" H (209 L X 211 H CM)
78"(198 CM)	DD	6 BLADES ALUMINUM	SHUTTER	3 (2.25 kW)	230/460	3	8.4/4.2	293	50/60	1711	52 290 (88 893)	25.9 (44.1)	51 150 (86 955)	23.3 (39.6)	49 120 (83 504)	21.0 (35.7)	44 372 (75 432)	19.1 (32.5)	43 820 (74 494)	14.0 (23.8)	84%	VARIABLE	82.5" L X 83" H (209 L X 211 H CM)

*The data above is based on testing performed by an independent accredited lab using ANSI/AMCA 210-07 standard.

FEATURES

- Highly efficient 6-bladed polyamide fan with fiberglass-reinforced housing.
- Optional balanced heavy-duty corrosion resistant aluminum blades.
- At high speed produces 52 490 CFM (89 233 m³/h) and 26.4 CFM/watt (44.8 m³/h) at 0" static pressure.

- A variable-frequency drive enables smooth speed adjustment from 80 RPM up to 298 RPM. Fan power consumption reduces with speed.

Make sure you have a minimum shutter opening at a low speed of 1" (2.54 cm).

- Contains a German synthetic oil specially designed for a long lifespan.
- Consumption is 2.25 kW at high speed.
- Motors are UL/CSA/CE approved, 50/60 Hz, and are IE3 certified.



For more information

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