

# AirMotion Big Simple Fans™

## Smart use of advanced technologies now comes affordable

The most affordable and effective large diameter HVLS fan on market. Intelligently designed with our smart technologies, Big Simple Fans move and mix more than twice as much air than other HVLS fans. Big Simple Fans are fitted with Multimode Smart Control that provides you with manual to fully automatic fan control with on-board smart electronics and temperature sensors. Though Simple it is still pretty darn smart.



## Specifications for 24 ft, 20 ft, and 16 ft fans

> FAN SPEED	UP TO 50 RPM FOR 24 FT FAN ▪ UP TO 60 RPM FOR 20 FT FAN ▪ UP TO 80 RPM FOR 16 FT FAN
> BLADE PITCH	OPTIMIZED FOR POWER AND PERFORMANCE
> CFM	UP TO 710,000 FOR 24 FT FAN ▪ UP TO 514,000 FOR 20 FT FAN ▪ UP TO 350,000 FOR 16 FT FAN
> APPROXIMATE WEIGHT	280 LBS FOR 24 FT FAN ▪ 260 LBS FOR 20 FT FAN ▪ 240 LBS FOR 16 FT FAN
> FAN MOTOR	COMPACT 3 HP TEFC HIGH EFFICIENCY - ADAPTABLE TO ANY POWER SOURCE
> GEAR REDUCER	ALUMINUM BODY AND PRECISELY MACHINED HIGH STRENGTH STEEL GEARING WITH HEAVY DUTY BEARINGS AND SEALS, LUBED FOR LIFE
> MAX OPERATING WATTS	2,250
> FULL LOAD AMPS	
220-240/1	8
208-240/3	5.4 - 4.7
380/3	3
460-480/3	2.7
> VFD	HIGH QUALITY US MADE
> NUMBER OF FAN BLADES	6
> FAN BLADE MATERIAL	EXTRUDED ALUMINUM
> BLADE MOUNTING SHAFTS	HIGH STRENGTH MACHINED STEEL
> FAN CONTROLLER	REMOTE MOUNTED 12V LOW VOLTAGE MICROPROCESSOR CONTROL
> FAN CONTROLLER DIMENSIONS	APPROXIMATELY 5" X 5" X 3" SHEET METAL ENCLOSURE
> FAN CONTROLLER WIRE	4 CONDUCTOR THERMOSTAT OR TELECOM WIRE
> OPERATING MODES	
MANUAL	USER SELECTS SPEED AND DIRECTION FOR DOWNWARD OR UPWARD AIRFLOW
DESTRAT	FAN TURNS ON AND OFF BASED ON TEMPERATURE DIFFERENCES AT USER SET SPEED AND DIRECTION
AUTOMODE	FAN SELECTS SPEED BASED ON TEMPERATURE DIFFERENCES
EXTERNAL	FAN TURNS ON AND OFF USING EXTERNAL INPUTS
> MOTOR/POWER UNIT CHASSIS	PAINTED SHEET METAL ENCLOSURE AND COMPONENT FOR MOUNTING
> MOTOR/POWER UNIT DIMENSIONS	APPROXIMATELY 18" X 15.5" X 8.5"
> MOUNTING OPTIONS	
SINGLE POINT	FACTORY FABRICATED UNIVERSAL BEAM CLAMP
4 POINT	UNISTRUT, THREADED ROD OR OTHER
> SAFETY	MULTIPLE SAFETY CABLES, WIRES, AND ELECTRICAL DEVICES



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