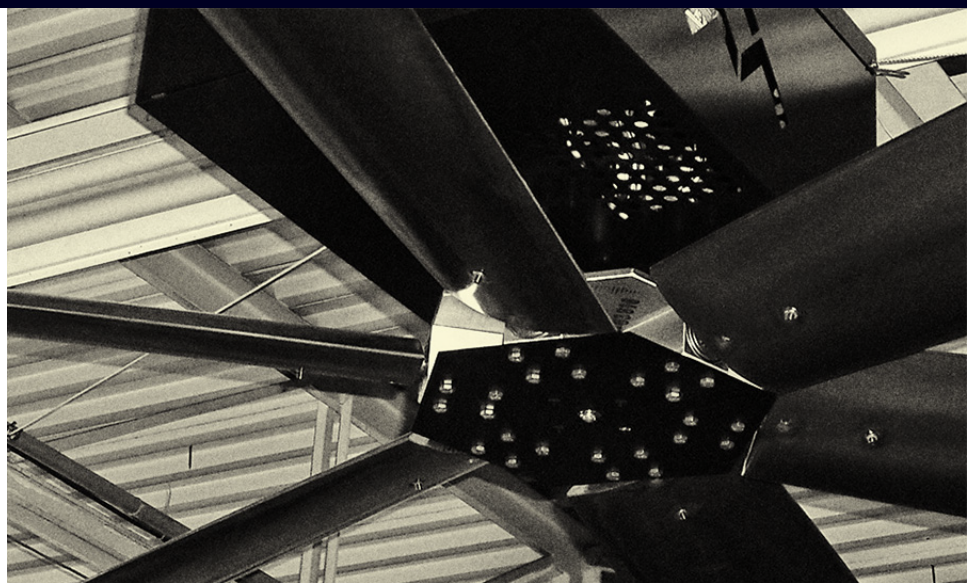


# AirMotion Big Smart Fans™

Smart use of advanced technologies that puts the air movement control in your hand

The most advanced HVLS fan on market. Thanks to our Variable Pitch Technology (VPT™), Rotatair™ Composite blades, and MultiMode Smart Control AirMotion Big Smart Fans provide Adjustable Air Movement with one fan, and Complete Facility Movement of air with two or more fans. Available in 9 ft, 12 ft, and 15 ft, they are designed to fit any applications where space is tight, and move and mix massive amounts of air equivalent to larger HVLS fans.



## Specifications

### GENERAL

	FIFTEEN FT FAN	TWELVE FT FAN	NINE FT FAN
FAN DIA	15 FT	12 FT	9 FT
FAN MOTOR	1.5 HP TEFC HIGH EFFICIENCY 208/240 OR 480V 3 PHASE 60HZ		
NO OF BLADES	SIX		
BLADE TYPE	2 PART URETHANE COMPOSITE MOLDED TO OPTIMIZED SHAPE		
BLADE PITCH	VARIABLE, ±0° TO 20° (UP/DOWN)		
PITCH MOTOR	120V SINGLE PHASE		
BLADE MOUNTING SHAFT	HIGH STRENGTH MACHINED STEEL		
GEAR REDUCER	HEAVY DUTY US MADE 15:1		
APPROXIMATE WEIGHT	230 LBS	220 LBS	210 LBS

### PERFORMANCE

	FIFTEEN FT FAN	TWELVE FT FAN	NINE FT FAN
FAN SPEED	20 TO 100 RPM		
CFM	340,000	230,000	97,000
MAXIMUM COVERAGE AREA	20,000 SQ FT	16,000 SQ FT	12,000 SQ FT

### POWER

	FIFTEEN FT FAN	TWELVE FT FAN	NINE FT FAN
STANDARD POWER INPUT	120 V		
FULL LOAD AMPS	120/1/60 : 16 240/1/60 : 8 208-240/3/60:5.4-4.7 460/3/60 : 2.5	120/1/60 : 16 240/1/60 : 8 208-240/3/60:5.4-4.7 460/3/60 : 2.5	120/1/60 : 12 240/1/60 : 6 208-240/3/60:3.7-3.2 460/3/60 : 1.7

## CONTROL UNIT

	FIFTEEN FT FAN	TWELVE FT FAN	NINE FT FAN
FAN CONTROLLER	REMOTE MOUNTED 12V MICROPROCESSOR CONTROL		
FAN CONTROLLER DIMENSIONS	APPROXIMATELY 5" X 8" X 3" SHEET METAL ENCLOSURE		
FAN CONTROLLER WIRE	4 CONDUCTOR THERMOSTAT OR TELECOM WIRE		
VFD	HIGH QUALITY US MADE		

## OPERATING MODES

	FIFTEEN FT FAN	TWELVE FT FAN	NINE FT FAN
MANUAL MODE	USER SELECTS FAN SPEED AND BLADE PITCH ANGLE		
ECO MODE	USER SELECTS SPEED, FAN SELECTS PITCH		
DESTRAT MODE	FAN TURNS ON AND OFF BASED ON TEMPERATURE DIFFERENCES		
AUTOMODE	FAN SELECTS SPEED AND PITCH BASED ON TEMP DIFFERENCES		
EXTERNAL MODE	FAN TURNS ON AND OFF USING EXTERNAL INPUTS		

## CONSTRUCTION

	FIFTEEN FT FAN	TWELVE FT FAN	NINE FT FAN
MOTOR/POWER UNIT CHASSIS	PAINTED SHEET METAL ENCLOSURE AND COMPONENT FOR MOUNTING		
MOTOR/POWER UNIT DIMENSIONS	APPROXIMATELY 21.5" X 15.25" X 10"		

## MOUNTING HARDWARE

	FIFTEEN FT FAN	TWELVE FT FAN	NINE FT FAN
SINGLE POINT MOUNTING (STANDARD)	FACTORY FITTED UNIVERSAL BEAM CLAMP		
FOUR POINT MOUNTING (OPTIONAL)	UNISTRUT, THREADED ROD		

## SAFETY

	FIFTEEN FT FAN	TWELVE FT FAN	NINE FT FAN
BLADE SAFETY STRAPS	SIX 6" X 1/16"		
GUY WIRES WITH CLAMPS	FOUR 15 FT LONG 1/8"		
SAFETY CABLE WITH CLAMPS	ONE 10 FT LONG 3/16"		



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