



PERFORMANCE) FANS

KEY SPECS

- Largest diameter fan on the market - 66 inches
- Most CFM of any turf fan -54,000 cfm
- Quieter by 10 to 20% vs. all others
- Lowest power consumption - 4 amps @ 230 volts
- 1/4 the operating cost vs 5 HP fans
- Intelligent patent pending sensor technology
- Wet rated motors, electronics, enclosures & fittings
- 0 to 180 degree oscillation adjustable range
- Oscillation speed control
- Tilt Angle—0, 5, 10, 15 degrees
- Irrigation control tie-In
- Built-in forklift channels
- Trailer model for mobile use with generator
- Warranty 1 year electronics, 3 years all other components



PERFORMANCE

22 mph wind velocity exiting fan, exceeds average exit wind velocity of 5 HP model fans

Wind throw > 100 feet +, sufficient to dry and cool turf

Wider air column extends time wind force affects turf

Variable Speed 0 to 600 rpms, user adjustable

Carbon fiber core propeller blades, UV and water resistant, originally designed for personal aircraft

Lower decibels due to diameter, propeller blades, lower rpms, direct drive motor, no barrel housing

MOTOR AND DRIVE TRAIN

1 HP high-efficiency AC brushless motor, IP 65 rated for outdoors

230 volt single phase incoming power required, max operating temperature 122 degrees

Maximum 4 amp draw at full speed, 87.7% motor efficiency at 600 rpms

Gearless, beltless direct drive, no lubrication, no maintenance

CONTROLS

Motion Sensor—patent pending, adjustable from 10 to 50 feet—slows fan to minimum speed until no motion detected then resumes to prior speed setting, can be disabled and re-enabled

Wind Sensor — patent pending, detects sustained wind speeds in excess of 15 mph and turns off fan for energy savings and storm wind protection, resumes to prior speed once sustained winds below 10 mph detected

Oscillation Range from 0 to 180 degrees easily customized, speed adjustable

VFD allows end user to adjust fan speed, built in disconnect switch, user passcode protection, IP 66 rated

Sprinkler integration for power control off/on

INSTALLATION

4 Inch inside diameter powder coated steel pipe, 54 inch length standard, end user installs

Built-in forklift channels for secure low center of gravity install/removal

Top lift bracket standard

SAFETY, OPTIONS, RATINGS, WARRANTY

OSHA rated safety screens for finger protection

UL listed, RoHS compliant components

IP and NEMA rated for high pressure water resistance—all motors, electronics, enclosures, fittings

Warranty for one year all electronics three years all other components

Trailer model available for mobile fan placement combined with generator

Cart model with turf wheels for sports fields or casters for indoor spaces

