



PERMANENT FANS

Model Number	TB 5900 D	TB 4700 D
CFM	47,000	24,000
Throw @ 4-5 mph	150+ Ft.	125 Ft.
Oscillates	Yes	Yes
Sound	60 dba at 50 Ft.	65 dba at 50 Ft.
Weight	825 lbs.	370 lbs.
Motor	5 HP	3 HP, 1140 RPM
Totally Enclosed Fan Cooled Motor	Yes	Yes
Fuel Tank	No	No
Drive Arrangement	Direct Drive	Direct Drive
Voltage	208 - 230v, Single Phase 208 - 230v, Three Phase 380-460v, Three Phase	208 - 230v, Single Phase 208 - 230v, Three Phase 380 - 460v, Three Phase
Full Load Amps 230/1	23.0	16.5
Full Load Amps 208/3	14.0	16.5
Full Load Amps 230/3	10.6	10.2
Full Load Amps 460/3	6.5	5.1
Housing Diameter	50 in.	36 in.
In Ground Mounting:		
Std. Ground Pole	3 in., 48 in. tall	<2.0 in., 48 in. tall
Fan Mounting:		
Std. Fan Pole	4 in., 36-96 in. tall	<2.5 in., 36-72 in. tall
Min. Install Height	Fan bottom 4 Ft. above turf	Fan bottom 4 Ft. above turf
Coverage	up to 140°angle area	up to 140°angle area
OSHA Finger Guards	Yes	Yes
Tilt Adjustment	Yes	Yes
Std. Control Package:	Industrial Grade Motor Starter Lockable Safety Disconnect Overload & Phase Loss Protection 24 Volt AC/DC Irrigation Control Interface Relay	Industrial Grade Motor Starter Lockable Safety Disconnect Overload & Phase Loss Protection 24 Volt AC/DC Irrigation Control Interface Relay
Control Upgrades and Options:	VFD Package	VFD Package
Warranty/Service	3 Year Power Train Warranty 1 Year Fan Parts Warranty	3 Year Power Train Warranty 1 Year Fan Parts Warranty
Cover (at additional charge)	Yes	Yes



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PORTABLE FANS

Model Number	TB 6200 GT	TB 5900 T	TB 4700 T
CFM	44,100	47,000	24,000
Throw @ 4-5 mph	150+ Ft.	150+ Ft.	125 Ft.
Optional Pulley Upgrade	N/A	N/A	N/A
Sound	77 dba at 50 Ft.	60 dba at 50 Ft.	65 dba at 50 Ft.
Weight	1050 lbs.	975 lbs.	520 lbs.
Motor	16 HP Vanguard Gas Engine	5 HP	3 HP, 1140 RPM
Totally Enclosed Fan Cooled Motor		Yes	Yes
Fuel Tank	25 Gal. Capacity	No	No
Drive Arrangement	Belt Drive	Direct Drive	Direct Drive
Voltage	N/A	208 - 230v, Single Phase 208 - 230v, Three Phase 380 - 460v, Three Phase	208 - 230v, Single Phase 208 - 230v, Three Phase 380 - 460v, Three Phase
Full Load Amps 230/1	N/A	23	16.5
Full Load Amps 208/3	N/A	14	16.5
Full Load Amps 230/3	N/A	12.8	10.2
Full Load Amps 460/3	N/A	6.5	5.1
Housing Diameter	50 in.	50 in.	36 in.
Oscillates	Yes	Yes	Yes
In Ground Mounting:			
Std. Ground Pole	N/A	N/A	
Fan Mounting:			
Std. Fan Pole	4 in., 36-96 in. tall	4 in., 36-96 in. tall Fan	<2.5 in., 36-72 in. tall Fan
Min. Install Height	Fan bottom 4 Ft. above turf	bottom 4 Ft. above turf up	bottom 4 Ft. above turf up
Coverage	up to 140° angle area	to 140° angle area	to 140° angle area
OSHA Finger Guards	Yes	Yes	Yes
Tilt Adjustment	Yes	Yes	Yes
Std. Control Package:	Industrial Grade Motor Starter	Industrial Grade Motor Starter	Industrial Grade Motor Starter
	Lockable Safety Disconnect	Lockable Safety Disconnect	Lockable Safety Disconnect
	Overload and Phase Loss Protection	Overload and Phase Loss Protection	Overload and Phase Loss Protection
	24 Volt AC/DC Irrigation Control Interface Relay	24 Volt AC/DC Irrigation Control Interface Relay	24 Volt AC/DC Irrigation Control Interface Relay
Control Upgrades and Options:	N/A	VFD Package	VFD Package
	Pulley Upgrade	Pulley Upgrade	Pulley Upgrade
Warranty/Service		3 Year Power Train Warranty	3 Year Power Train Warranty
	1 Year Fan Warranty	1 Year Fan Parts Warranty	1 Year Fan Parts Warranty
Cover (at additional charge)	Yes	Yes	Yes



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Above Ground Installation

With fast easy installation, the Above Ground SubAir System offers the same aeration and moisture control operations as the original Below Ground Vault. Installed near a tree line or within surrounding landscaping, an Above Ground provides easy access to equipment operations and maintenance.

Above Ground Vault Specifications

Blower 7.5 HP Wash Down Motor/Direct Drive
Impeller Anti-corrosion Aluminium

Distributed Separator Air Separator
Assembly HDPE/PVC Configuration

Enclosure Powder Coated Carbon Steel
Housing with Polyester Resin Base
Dimensions: 48" L x 36" W x 42" H
Weight: 586 lbs.
Pre-wired with 150 Ft. Wire Run
Blower Pressure Switch
Vault Temperature Switch

Dual Valve Assembly One Piece PVC Construction

Noise Reduction - Sound Attenuator

Power Requirements

230 volt 1 phase - 33 AMPS Full Load
208 volt 3 phase - 18.5 AMPS Full Load
230 volt 3 phase - 17.4 AMPS Full Load
460 volt 3 phase - 8.7 AMPS Full Load

Control Panel

Powder Coated Carbon Steel Housing with
Polyester Resin Base
Dimensions: 40" H x 25" L x 15.5" D

SubAir TurfWatch™

Manual Controls
HMI Display Console
Monitor System Operations/Messages/Alerts
Programmable Scheduling
Technical Support

SubAir TurfWatch™ All Access

Smartphone and Computer Access to All
Operations and Conditions
Central Office Display Console to Monitor
Full Course Conditions and Operations
Advance Web Based Technical Support

SubAir TurfWatch™ All Access Plus

In-ground Sensor Compatible
Cloud Storage of History and Real Time Data





Below Ground Installation

Superior Surface and Subsurface Aeration
Optimal Moisture Control and Removal
Incredible Results

Below Ground Vault Specifications

Blower

Maximum Air Flow 1200 CFM
Motor 7.5 HP Wash-Down Duty Motor
Direct Drive
Impeller Anti-Corrosion Aluminium

Enclosure - Direct Burial Vault

Corrugated Dual - Wall HDPE
Dimensions: 57" Dia. x 35.5" H
Weight: 650 lbs.
Pre-wired and 100 ft. of wire run to
connect to Control Panel
Blower Pressure Switch
Vault Temperature Switch
Power Switch
Magnetic Safety Interlock

Distributed Separator

HDPE/PVC Configuration

Dual Valve Assembly

PVC Construction

Noise Reduction - Sound Attenuator

Power Requirements

230 volt 1 phase - 33 AMPS Full Load
208 volt 3 phase - 18.5 AMPS Full Load
230 volt 3 phase - 17.4 AMPS Full Load
460 volt 3 phase - 8.7 AMPS Full Load



Control Panel

Powder Coated Carbon Steel Housing with
Polyester Resin Base
Dimensions: 40" H x 25" L x 15.5" D

SubAir TurfWatch™

Manual Controls
HMI Display Console
Monitors System Operations
Programmable Scheduling
Operations Messages/Alerts
Technical Support

SubAir TurfWatch™ All Access

Smartphone and Computer Access to All
Operations and Conditions
Central Office Display Console to Monitor
Full Course Conditions and Operations
Advance Web Based Technical Support

SubAir TurfWatch™ All Access Plus

Inground Sensor Compatible
Cloud Storage of History and Real Time Data

