

Model Number	TB – 50-G	TB –50- Premium	TB-50-DD	TB-36-DD	TB-30-DD
CFM	44,100	47,000	47,000	24,000	14,400
Throw @ 4-5 mph	150+ Ft.	150+ Ft.	150+ Ft.	125 Ft.	100 Ft.
Optional Pulley Upgrade	N/A	170 Ft. @ 4-5 mph/ 67 dba	N/A	N/A	N/A
Sound	77 dba at 50 Ft.	60 dba at 50 Ft.	60 dba at 50 Ft.	65 dba at 50 Ft.	59 dba at 50 Ft.
Weight	560 lbs.	510 lbs.	510 lbs.	250 lbs.	180 lbs.
Motor	16 HP Vanguard Gas Engine	5 HP	5 HP	3 HP, 1140 RPM	2 HP, 1140 RPM
Totally Enclosed Fan Cooled Motor	No	Yes	Yes	Yes	Yes
Fuel Tank	25 Gal. Capacity	No	No	No	No
Drive Arrangement	Belt Drive	Belt Drive	Direct Drive	Direct Drive	Direct Drive
Voltage	N/A	190-240v, Single Phase 190-240v, Three Phase 380-480v, Three Phase	190-240v, Single Phase 190-240v, Three Phase 380-480v, Three Phase	110-240v, Single Phase 190-240v, Three Phase 380-480v, Three Phase	110-240v, Single Phase 190-240v, Three Phase 380-480v, Three Phase
Full Load Amps 230/1	N/A	19.1	23.0	16.5	9.9
Full Load Amps 208/3	N/A	13.9	14.0	16.5	9.9
Full Load Amps 230/3	N/A	12.8	10.6	10.2	6.8
Full Load Amps 460/3	N/A	6.4	6.5	5.1	3.4
Housing Diameter	50 in.	50 in.	50 in.	36 in.	30 in.
Oscillates	Yes	Yes	Yes	Yes	Yes
In Ground Mounting:					
Std. Ground Pole	3 in., 48 in. tall	3 in., 48 in. tall	3 in., 48 in. tall	<2.0 in., 48 in. tall	<2.0 in., 48 in. tall
Fan Mounting:					
Std. Fan Pole	4 in., 36-96 in. tall	4 in., 36-96 in. tall	4 in., 36-96 in. tall	<2.5 in., 36-72 in. tall	<2.5 in., 36-72 in. tall
Min. Install Height	Fan bottom 4 Ft. above turf	Fan bottom 4 Ft. above turf	Fan bottom 4 Ft. above turf	Fan bottom 4 Ft. above turf	
Coverage	140°angle area	140°angle area	140°angle area	140°angle area	140°angle area
OSHA Finger Guards	Yes	Yes	Yes	Yes	Yes
Tilt System	Yes	Yes	Yes	Yes	Yes
Std. Control Package:	Industrial Grade Motor Starter	Industrial Grade Motor Starter	Industrial Grade Motor Starter	Industrial Grade Motor Starter	Industrial Grade Motor Starter
	Lockable Safety Disconnect	Lockable Safety Disconnect	Lockable Safety Disconnect	Lockable Safety Disconnect	Lockable Safety Disconnect
	Overload and Phase Loss Protection	Overload and Phase Loss Protection	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	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	VFD Package	VFD Package
		7 day multi-event digital timer	7 day multi-event digital timer	7 day multi-event digital timer	7 day multi-event digital timer
Warranty/Service		2 Year Power Train Warranty	3 Year Power Train Warranty	3 Year Power Train Warranty	3 Year Power Train Warranty
	1 Year Fan Warranty	1 Year Fan Parts Warranty	1 Year Fan Parts Warranty	1 Year Fan Parts Warranty	1 Year Fan Parts Warranty
Cover (at additional charge)	Yes	Yes	Yes	Yes	Yes

Model Number	TB-50-G Portable	TB-50-Premium-Portable	TB-50-DD Portable	TB-36-DD Portable	TB-30-DD Portable
CFM	44,100	47,000	47,000	24,000	14,400
Throw @ 4-5 mph	150+ Ft.	150+ Ft.	150+ Ft.	125 Ft.	100 Ft.
Optional Pulley Upgrade	N/A	170 Ft. @ 4-5 mph/ 67 dba	N/A	N/A	N/A
Sound	77 dba at 50 Ft.	60 dba at 50 Ft.	60 dba at 50 Ft.	65 dba at 50 Ft.	59 dba at 50 Ft.
Weight	560 lbs.	510 lbs.	510 lbs.	250 lbs.	180 lbs.
Motor	16 HP Vanguard Gas Engine	5 HP	5 HP	3 HP, 1140 RPM	2 HP, 1140 RPM
Totally Enclosed Fan Cooled Motor		Yes	Yes	Yes	Yes
Fuel Tank	25 Gal. Capacity	No	No	No	No
Drive Arrangement	Belt Drive	Belt Drive	Direct Drive	Direct Drive	Direct Drive
Voltage	N/A	190-240v, Single Phase 190-240v, Three Phase 380-480v, Three Phase	190-240v, Single Phase 190-240v, Three Phase 380-480v, Three Phase	110-240v, Single Phase 190-240v, Three Phase 380-480v, Three Phase	110-240v, Single Phase 190-240v, Three Phase 380-480v, Three Phase
Full Load Amps 230/1	N/A	19.1	23	16.5	9.9
Full Load Amps 208/3	N/A	13.9	14	16.5	9.9
Full Load Amps 230/3	N/A	12.8	10.6	10.2	6.8
Full Load Amps 460/3	N/A	6.4	6.5	5.1	3.4
Housing Diameter	50 in.	50 in.	50 in.	36 in.	30 in.
Oscillates	Yes	Yes	Yes	Yes	Yes
In Ground Mounting:					
Std. Ground Pole	N/A	N/A	N/A		
Fan Mounting:					
Std. Fan Pole	4 in., 36-96 in. tall	4 in., 36-96 in. tall	4 in., 36-96 in. tall	<2.5 in., 36-72 in. tall	<2.5 in., 36-72 in. tall
Min. Install Height	Fan bottom 4 Ft. above turf	Fan bottom 4 Ft. above turf	Fan bottom 4 Ft. above turf	Fan bottom 4 Ft. above turf	
Coverage	140° angle area	140° angle area	140° angle area	140° angle area	140° angle area
OSHA Finger Guards	Yes	Yes	Yes	Yes	Yes
Tilt System	Yes	Yes	Yes	Yes	Yes
Std. Control Package:	Industrial Grade Motor Starter	Industrial Grade Motor Starter	Industrial Grade Motor Starter	Industrial Grade Motor Starter	Industrial Grade Motor Starter
	Lockable Safety Disconnect	Lockable Safety Disconnect	Lockable Safety Disconnect	Lockable Safety Disconnect	Lockable Safety Disconnect
	Overload and Phase Loss Protection	Overload and Phase Loss Protection	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	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	VFD Package	VFD Package
	N/A	7 day multi-event digital timer	7 day multi-event digital timer	7 day multi-event digital timer	7 day multi-event digital timer
Warranty/Service		2 Year Power Train Warranty	3 Year Power Train Warranty	3 Year Power Train Warranty	3 Year Power Train Warranty
	1 Year Fan Warranty	1 Year Fan Parts Warranty	1 Year Fan Parts Warranty	1 Year Fan Parts Warranty	1 Year Fan Parts Warranty
Cover (at additional charge)	Yes	Yes	Yes	Yes	Yes