

THE TEMPEST TECH SERIES VS-1



Industry Leading Technology and Design Un-Matched 70-Minute Run Time with Removable Battery



70-Minute Run Time

At Full Speed this powerful battery blower will run for 70 Minutes.



12,131 CFM Air Flow

The VS-1 produces the Highest Air Flow available in any battery blower.



Removable Battery

Removable Lithium-Ion IP 65 Rated with 4 hour quick charge.



Battery Management System

The dynamic BMS built into the battery insures maximum performance and safety.



Only 52 Pounds w/Battery

Lightweight welded tubular aluminum frame design makes it easy to roll or lift.



LED Flow-Path Lighting

Powerful LED lights positioned low for visibility below the smoke.



Thin-Vane™ Air Straightening

The Thin-Vane™ Grill reduces wasted airflow by forcing the air to flow straight out.



Small Footprint

This Blower is half the size of a gas blower. 22.88"W x 26"H x 11"D

TEMPEST
TECHNOLOGY

a LEADER Group Company



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TECHNICAL SPECIFICATIONS

	PRODUCT FAMILY		POWER BLOWER™	
	PRODUCT LINE & TYPE		LAMINAR AIR FLOW ELECTRIC (LE) - VS1 BLDC	
	MODEL		VS1-18-BLDC	
	PART NO.		910-1820	
OUTPUT	AIR VOLUME	[cfm/m³h]	12,131 / 20,610	
	AIR VELOCITY	[mph/kph]	41 / 66	
	NOISE LEVEL @ 10 ft	[dB(A)]	90	
FAN BLADE	TYPE		IMPELLER	
	MATERIAL		NYLON 6 W/ 30% GLASS-FIBER FILL	
	DIAMETER	[in/mm]	18 / 457	
	NO. OF BLADES		3 @ 25°	
DIMENSIONS	WEIGHT (With Battery)	[lb/kg]	52 / 23.6	
	WEIGHT (With Out Battery)	[lb/kg]	40 / 18	
	WIDTH	[in/mm]	22.88 / 581	
	DEPTH	[in/mm]	11 / 280	
	HEIGHT	[in/mm]	26/ 660	
MOTOR	MANUFACTURER		Private Label	
	MODEL		360-052	
	TYPE		BLDC TOTALLY ENCLOSED, AIR OVER (TEAO)	
	VOLTAGE		48 VDC	
	POWER OUTPUT	[HP/W]	.87 / 650	
	MAX AMPERAGE		20	
	WATTS @ FULL RPM		744	
DRIVE	MANUFACTURER		Private Label	
	MODEL		581-190	
	TYPE		30 AMP BRUSHLESS	
	INPUT OPERATING VOLTS		50 VOLTS DC	
	OUTPUT VOLTS		0 TO 50 DC	
AC POWER	AC VOLTAGE OPERATION	YES	YES, AVAILABLE IN 110-115V AND 220-230V	
	AMP DRAW		7.7 @ 115V / 3.9 @230V	
	WATTS @ FULL RPM		896	
FRAME	TYPE		ERGONOMIC WELDED ROLL CAGE	
	MATERIAL	[in]	0.75 ROUND ALUMINUM TUBE	
	COATING		POWDER COAT	
	DEFAULT COLOR		ANODIZED ALUMINUM	
	HANDLE		INTEGRATED FRAME HANDLE DESIGN	
	TILT RANGE		-12.5° to +25°	
	NO. OF TILT POINTS		4	
	WHEEL TYPE		100 mm HIGH IMPACT	
SHROUD	WHEEL SIZE	[in/mm]	3.9 / 100	
	TYPE		TURBO 2000	
	MATERIAL		STEEL W/ ROLLED EDGE	
	COATING		POWDER COAT	
	DEFAULT COLOR		RED	
	GRILLE	MATERIAL		SPIRAL WELDED STEEL WIRE
		NO. OF TIE POINTS		8 FRONT, 8 REAR
		STANDARDS		MEETS EUROPEAN CE SAFETY STANDARDS
COATING			POWDER COAT	
DEFAULT COLOR			BLACK	