

TEMPEST TECH SERIES VS-1

INDUSTRY LEADING, 70 MINUTE RUN-TIME, WITH REMOVABLE BATTERY



- **70 minute** operating time at full speed
- **Removable** lithium-ion battery rated IP 65 & quick charge in 4 hours
- Lightweight design, welded tubular aluminum frame. **Only 52lbs. w/battery**
- **Air Flow 12,131 cfm** (20,610 m³h)
- Variable speed motor rated at IP65
- Electronic components sealed for maximum resistance to water, dust and smoke
- Thin-Vane™ air straightener grill and composite impeller
- **LED flow-path lighting** positioned low for visibility below the smoke
- Tapered light weight steel shroud maximizes airflow performance
- Ergonomic patent pending frame design with transverse wheels
- Small Footprint 22.88"W x 26"H x 11"D
Half the size of a gas blower



4708 N. Blythe Ave.
Fresno, CA. 93722
800.346.2143

response@tempest.us.com
www.tempest.us.com



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
GRILLE	DEFAULT COLOR		RED
	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	