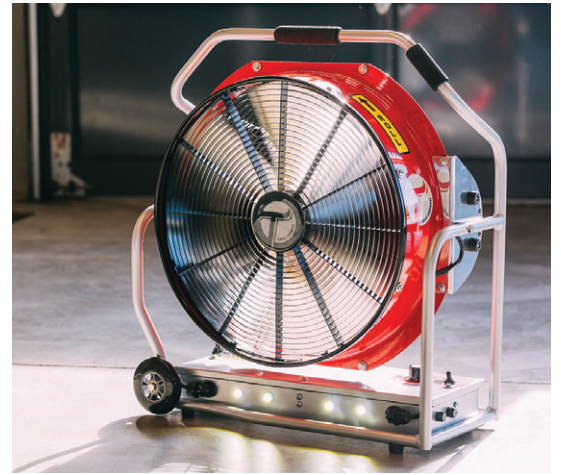


Tempest Tech Series VS-1



The Tempest® Tech Series is an innovative line of positive pressure blowers featuring ergonomic design features and leading edge motor technology and performance. Tech Series blowers are engineered for performance, durability, versatility, and ease of use.

The **VS-1** battery-driven blower is the first member of the Tempest Tech Series family. It delivers a level of utility and performance found with no other battery-driven blower:

- Ergonomic, patent-pending frame design. Transverse wheels and integrated handle enable quick removal from vehicle compartment and transport to ventilation point. The VS-1 is easy to roll and easy to carry.
- LED flow-path lighting illuminates the walkway in front of the blower, improving visibility in low-light conditions and enhancing safety during ventilation operations.
- 70-minute operating time on lithium-ion battery.
- Lightweight design minimizes operator fatigue and potential lifting injuries. Welded tubular aluminum frame and spun aluminum shroud provide maximum strength with minimum weight. 58-pounds including battery.
- Airflow performance is maximized by the tapered aluminum shroud, all steel Thin-Vane™ air straightener grill, and composite impeller. The shroud, grill, and impeller were engineered together, resulting in the highest airflow performance of any battery-powered blower.
- All electronic components, connections, and wiring are sealed for maximum resistance to water, dust, and smoke.



Tempest Technology Corp.

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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]	10,428 / 17,717
	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]	48 / 21.8
	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
	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		ALUMINUM W/ ROLLED EDGE
	COATING		POWDER COAT
	DEFAULT COLOR		RED
	MATERIAL		SPIRAL WELDED STEEL WIRE
	NO. OF TIE POINTS		8 FRONT, 8 REAR
	STANDARDS		MEETS EUROPEAN CE SAFETY STANDARDS
GRILLE	COATING		POWDER COAT
	DEFAULT COLOR		BLACK