

TEMPEST

Fighting for performance

INDUSTRY LEADING TECHNOLOGY AND DESIGN
Unmatched 70-Minute Run Time with Removable Battery

TEMPEST TECH SERIES (VS-1.2) BATTERY POWER BLOWERS

New Taller Foldable Handle



70-Minute Run Time

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



Removable Battery

Removable Lithium-Ion IP65 Rated with 4 hour quick charge.



Only 53 lbs. w/Battery

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

US Patent #: US 11,333,291 B2



10887 CFM AMCA Certified

The VS-1.2 produces the Highest Air Flow available in any battery blower.



Battery Management System

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



Small Footprint

This Blower is half the size of a gas blower. Dimensions: W x H x D
22.88" x 24.4" x 11"



LED Flow-Path Lighting

Powerful LED lights positioned low for visibility below the smoke.



Thin-Vane™ Air Straightener

Thin-Vane™ Grill reduces wasted airflow. Forces the air to flow straight out.



WARRANTY

Blower: 5 Year Limited Warranty
Lithium-Ion Battery:
2 Years / 300 Charge Cycles

AVAILABLE ACCESSORIES



Shoulder Carrying Bag
#610-1801



Flex Tube Ducting
18"x15"
#725-070



Rehab Misting System
#725-200



Door Bar Hanger & Bracket Set
#300-141 & #300-142



VS-1.2 Charger
48V 17.5AH
110V/220V
#585-031



VS-1.2
48V 5AH Battery
70 Minutes
#585-015



Mount Kit
12V Inverter
(w/ Charger)
#610-1814



Mount Kit
12V Inverter
(w/ Charger, No Battery Rack)
#610-1810

4708 North Blythe Avenue, Fresno, California 93722
tempest.us.com • response@tempest.us.com • 800.346.2143

TECHNICAL SPECIFICATIONS

	PRODUCT FAMILY		POWER BLOWER™	
	PRODUCT LINE & TYPE		LAMINAR AIR FLOW ELECTRIC (LE) - VS1 BLDC	
	MODEL		VS1.2-18-FOLDING HANDLE BLDC	VS1-18-BLDC
	PART NO.		910-1825(110 vac) 910-1837(220 vac)	910-1820(110 vac) 910-1830(220 vac)
OUTPUT	AIR VOLUME	[cfm/m³h]	10,887 / 18,497	10,887 / 18,497
	AIR VELOCITY	[mph/kph]	41 / 66	41 / 66
	NOISE LEVEL @ 10 ft	[dB(A)]	83.7	83.7
FAN BLADE	TYPE		IMPELLER	IMPELLER
	MATERIAL		NYLON 6 W/ 30% GLASS-FIBER FILL	NYLON 6 W/ 30% GLASS-FIBER FILL
	DIAMETER	[in/mm]	18 / 457	18 / 457
	NO. OF BLADES		3 @ 25°	3 @ 25°
DIMENSIONS	WEIGHT (With Battery)	[lb/kg]	53 / 24	52 / 23.6
	WEIGHT (With Out Battery)	[lb/kg]	41 / 18.6	40 / 18
	WIDTH	[in/mm]	22.88 / 581	22.88 / 581
	DEPTH	[in/mm]	11 / 280	11 / 280
	HEIGHT	[in/mm]	HANDLE UP 29.3 / 745 HANDLE DOWN 24.4 / 620	26 / 660
MOTOR	MANUFACTURER		Private Label	Private Label
	MODEL		360-052	360-052
	TYPE		BLDC TOTALLY ENCLOSED, AIR OVER	BLDC TOTALLY ENCLOSED, AIR OVER
	VOLTAGE		48 VDC	48 VDC
	POWER OUTPUT	[HP/W]	.87 / 650	.87 / 650
	MAX AMPERAGE		20	20
	WATTS @ FULL RPM		744	744
DRIVE	MANUFACTURER		Private Label	Private Label
	MODEL		581-190	581-190
	TYPE		30 AMP BRUSH-LESS	30 AMP BRUSH-LESS
	INPUT OPERATING VOLTS		50 VOLTS DC	50 VOLTS DC
	OUTPUT VOLTS		0 TO 50 DC	0 TO 50 DC
AC POWER	AC VOLTAGE OPERATION	YES	AVAILABLE IN 110-115V AND 220-230V	AVAILABLE IN 110-115V AND 220-230V
	AMP DRAW		7.7 @ 115V / 3.9 @230V	7.7 @ 115V / 3.9 @230V
	WATTS @ FULL RPM		896	896
BATTERY 48 VDC	OPERATING TEMPERATURE	°C / °F	-15° C / 5° F TO 45° C / 113 F	-15° C / 5° F TO 45° C / 113 F
	AMP HOUR / WATT HOUR		17.5 Ah / 841.75 Wh	17.5 Ah / 841.75 Wh
	RECHARGE TIME		4 HOURS FROM FULL DISCHARGE	4 HOURS FROM FULL DISCHARGE
FRAME	TYPE		ERGONOMIC WELDED ROLL CAGE	ERGONOMIC WELDED ROLL CAGE
	MATERIAL	[in]	0.75 ROUND ALUMINUM TUBE	0.75 ROUND ALUMINUM TUBE
	COATING		POWDER COAT	POWDER COAT
	DEFAULT COLOR		ANODIZED ALUMINUM	ANODIZED ALUMINUM
	FOLDING HANDLE		YES	NO
	TILT RANGE		-12.5° to +25°	-12.5° to +25°
	NO. OF TILT POINTS		4	4
	WHEEL TYPE		100 mm HIGH IMPACT	100 mm HIGH IMPACT
WHEEL SIZE	[in/mm]	3.9 / 100	3.9 / 100	
SHROUD	TYPE		TURBO 2000	TURBO 2000
	MATERIAL		STEEL W/ ROLLED EDGE	STEEL W/ ROLLED EDGE
	COATING		POWDER COAT	POWDER COAT
	DEFAULT COLOR		RED	RED
GRILLE	MATERIAL		SPIRAL WELDED STEEL WIRE	SPIRAL WELDED STEEL WIRE
	NO. OF TIE POINTS		8 FRONT, 8 REAR	8 FRONT, 8 REAR
	STANDARDS		MEETS CE SAFETY STANDARDS	MEETS CE SAFETY STANDARDS
	COATING		POWDER COAT	POWDER COAT
	DEFAULT COLOR		BLACK	BLACK