

# 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

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# 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                      |           | <b>TURBO 2000</b>                           | <b>TURBO 2000</b>                   |
|                | 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                               |