

# TEMPEST

Fighting for performance

PUSHING THE EDGE IN  
HIGH PERFORMANCE VENTILATION

## VARIABLE-SPEED (VSG) ELECTRIC POWER BLOWERS™

Don't sacrifice performance for the convenience of an electric powered ventilation fan. The VSG is closing the gap between gas and electrics. Our Variable Speed VS Drive and massive 1.5 HP motor, paired with our signature blade and shroud designs deliver the absolute best in GFCI compatible performance. If you are looking to go electric but do not want to sacrifice airflow, the VSG is the answer.



### GFCI/NEMA 4 Variable Speed Drive

This GFCI compatible, NEMA 4 rated control box is durable, reliable and easy to operate.



### Welded Steel Roll Cage Frame

Welds eliminate the need to continuously maintain/tighten nuts and bolts.



### Turbo 2000 Shroud

By redesigning the inward curve and front of the shroud, the Turbo 2000 increases air velocity by up to 30%.



### AirFlex Composition Impeller

Uniquely designed impellers deliver maximum air volume (CFM), velocity and pressure from each Tempest Power Blower™.

Model Number	Part No.	Size	HP	CFM	Dimensions (W x D x H)	Weight
110V/60Hz						
VS-16-G-1.5	910-1300	16"	1.5	11125	21" x 19.75" x 23"	89 lbs.
VS-18-G-1.5	910-1320	18"	1.5	11861	23" x 21" x 24.9"	95 lbs.
VS-21-G-1.5	910-1340	21"	1.5	13414	26" x 21" x 26.25"	99 lbs.
VS-24-G-1.5	910-1360	24"	1.5	12901	29.5" x 21" x 30"	109 lbs.

# TECHNICAL SPECIFICATIONS

	PRODUCT FAMILY		POWER BLOWER™			
	PRODUCT LINE & TYPE		CONE ELECTRIC (CE) - VSG			
	MODEL		VS-16-G-1.5	VS-18-G-1.5	VS-21-G-1.5	VS-24-G-1.5
	PART NO.		910-1300	910-1320	910-1340	910-1360
OUTPUT	AIR VOLUME	[cfm/m³h]	11,125 / 18,901	11,861 / 20,152	13,414 / 22,790	12,901 / 21,919
	AIR VELOCITY	[mph/kph]	PENDING	PENDING	PENDING	PENDING
	NOISE LEVEL @ 10 ft	[dB(A)]	79 TO 87	PENDING	PENDING	79 TO 93
FAN BLADE	TYPE		IMPELLER			
	MATERIAL		NYLON 6 W/ 30% GLASS-FIBER FILL			
	DIAMETER	[in/mm]	16 / 410	18 / 460	21 / 540	24 / 610
	NO. OF BLADES		6 @ 35°	6 @ 35°	6 @ 30°	8 @ 25°
DIMENSIONS	WEIGHT	[lb/kg]	89 / 41	95 / 43	99 / 45	109 / 49.5
	WIDTH	[in/mm]	21.00 / 534	23.00 / 585	26.00 / 661	29.50 / 750
	DEPTH	[in/mm]	19.75 / 502	21.00 / 534	21.00 / 534	21.00 / 534
	HEIGHT (COLLAPSED)	[in/mm]	21.75 / 553	24.25 / 616	26.25 / 667	30.00 / 762
	HEIGHT (EXTENDED)	[in/mm]	35.25 / 895	40.00 / 1016	43.25 / 1099	47.75 / 1162
MOTOR	MANUFACTURER		LEESON			LEESON
	MODEL		C4D24NK3A			C4D24NK3A
	TYPE		DF TENV (DC)			DF TENV (DC)
	VOLTAGE		90			90
	POWER OUTPUT	[HP/kW]	1.5 / 1.118			1.5 / 1.118
	MAX AMPERAGE		ADJUSTABLE FROM APPROX. 10 - 15			13.5 - 15
	WATTS @ FULL RPM		1725			1725
DRIVE	MANUFACTURER		KB ELECTRONICS, INC.			
	MODEL		KBPC-125 (6343B)			
	TYPE		DC MOTOR SPEED CONTROL			
	STANDARDS		NEMA 4 TYPE ENCLOSURE, GFCI COMPATIBLE			
	ELECTRICAL CORD / PLUG		12 GA. POWER CORD WITH A NEMA 5-15 PLUG			
	OPERATING VOLTS		110-120 VAC 60HZ			
	OUTPUT VOLTS		0-90 VDC			
FRAME	TYPE		ERGONOMIC WELDED ROLL CAGE			
	MATERIAL	[in]	0.75 SQUARE TUBE STEEL			0.75 & 1.00 SQUARE TUBE STEEL
	COATING		POWDER COAT			
	DEFAULT COLOR		DARK GRAY			
	HANDLE		FLIP-UP / FOLD-DOWN W/ PULL PIN LOCK			
	NO. OF TILT POINTS		4	5		
	WHEEL TYPE		NON-PNEUMATIC FLAT FREE			
	WHEEL SIZE	[in/mm]	6 / 153	8 / 203		
SHROUD	TYPE		TURBO 2000			
	MATERIAL		ALUMINUM W/ ROLLED EDGE			
	COATING		POWDER COAT			
	DEFAULT COLOR		YELLOW			
GRILLE	MATERIAL		SPIRAL WELDED STEEL WIRE			
	NO. OF TIE POINTS		8			
	STANDARDS		MEETS EUROPEAN CE SAFETY STANDARDS			
	COATING		POWDER COAT			
	DEFAULT COLOR		DARK GRAY			