

# TEMPEST

Fighting for performance

CE

POWERFUL ELECTRIC  
POSITIVE PRESSURE VENTILATOR FAN

## SINGLE-SPEED (SS) ELECTRIC POWER BLOWERS™

Tempest Single-Speed PPV fans feature some of the lightest designs available and are perfect for departments looking to go electric on a limited budget.

Available with hazardous location (Explosion Proof, EP) motors which are intended for Class 1, Group C&D and Class 2 Group F&G environments. Motors can be ordered 110-120V/60Hz or 220-240V/50Hz.



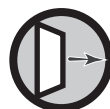
### Welded Steel Roll Cage Frame

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 (m³/H) from each Tempest Power Blower™.

Model Number	Part No.	Size	kW	m³/h*	Dimensions (W x D x H)	Weight
SS-16-S-3.0-L	921-1218	410mm	2.2	17222	521 mm x 502 mm x 553 mm	35 KG
SS-18-S-3.0-L	921-1238	460mm	2.2	23447	559 mm x 534 mm x 616 mm	37 KG

\* 240 TEST CALCULATED

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# TECHNICAL SPECIFICATIONS

	PRODUCT FAMILY		POWER BLOWER™	
	PRODUCT LINE & TYPE		CONE ELECTRIC (CE) SINGLE SPEED (220 VAC 50 HZ) (CE COMPLIANT)	
	MODEL		SS-16-S-3.0	SS-18-S-3.0
	PART NO.		921-1218	921-1238
OUTPUT	AIR VOLUME	[cfm/m³h]	10,136 / 17,222	13,800 / 23,447
	NOISE LEVEL @ 3 M	[dB(A)]	84.7	86.7
FAN BLADE	TYPE		IMPELLER	
	MATERIAL		NYLON 6 W/ 30% GLASS-FIBER FILL	
	DIAMETER	[in/mm]	16 / 410	18 / 460
	NO. OF BLADES		8 @ 35°	8 @ 30°
DIMENSIONS	WEIGHT	[lb/kg]	78 / 35	82/ 37
	WIDTH	[in/mm]	20.5 / 521	22.00 / 559
	DEPTH	[in/mm]	19.75 / 502	21.00 / 534
	HEIGHT (COLLAPSED)	[in/mm]	21.75 / 553	24.25 / 616
	HEIGHT (EXTENDED)	[in/mm]	35.25 / 895	40.00 / 1016
MOTOR	MANUFACTURER		NICOLINI	
	TYPE		TEAO	
	VOLTAGE	[50 HZ]	220 (VAC)	
	POWER OUTPUT	[HP/kW]	2.9 / 2.2	
	MAX AMPERAGE		14	
	WATTS @ FULL RPM			
FRAME	TYPE		ERGONOMIC WELDED ROLL CAGE	
	MATERIAL	[in]	0.75 SQUARE TUBE STEEL	
	COATING		POWDER COAT	
	DEFAULT COLOR		TEX BLACK	
	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		RED	
GRILLE	MATERIAL		SPIRAL WELDED STEEL WIRE	
	NO. OF TIE POINTS		8	
	STANDARDS		MEETS EUROPEAN CE SAFETY STANDARDS	
	COATING		POWDER COAT	
	DEFAULT COLOR		DARK GRAY	