

# TEMPEST

Fighting for performance

## 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.



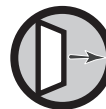
### AirFlex Composition Impeller

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



### 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%.

Model Number	Part No.	Size	HP	CFM	Dimensions (W x D x H)	Weight
<b>110V/60Hz</b>						
SS-16-S-1.5	910-1200	16"	1.5	11804	20.5" x 19.75" x 21.75"	74 lbs.
SS-18-S-1.0	910-1220	18"	1.0	8748	22" x 21" x 24.25"	76 lbs.
SS-21-S-1.0	910-1240	21"	1.0	11698	24.75" x 21" x 26.25"	81 lbs.
SS-24-S-1.0	910-1260	24"	1.0	12867	28" x 21" x 30"	90 lbs.
<b>200V/50Hz</b>						
SS-16-S-1.5	910-1218	16"	1.5	pending	20.5" x 19.75" x 21.75"	---
SS-18-S-1.0	910-1238	18"	1.0	pending	22" x 21" x 24.25"	---
SS-21-S-1.0	910-1258	21"	1.0	pending	24.75" x 21" x 26.25"	---
SS-24-S-1.0	910-1278	24"	1.0	pending	28" x 21" x 30"	---

# TECHNICAL SPECIFICATIONS

PRODUCT FAMILY		POWER BLOWER™						
PRODUCT LINE & TYPE		CONE ELECTRIC (CE) SINGLE SPEED (110 VAC 60 HZ)				(220 VAC 50 HZ) SINGLE PHASE		
MODEL		SS-16-S-1.5	SS-18-S-1.0	SS-21-S-1.0	SS-24-S-1.0	SS-16-S-2.9	SS-18-S-2.9	
PART NO.		910-1200	910-1220	910-1240	910-1260	921-1218	912-1238	
OUTPUT	AIR VOLUME	[cfm/m³h]	11,804	8,748	11,698	12,867	PENDING	PENDING
	AIR VELOCITY	[mph/kph]	PENDING	PENDING	PENDING	PENDING	PENDING	PENDING
	NOISE LEVEL @ 10 ft	[dB(A)]	83 TO 90	PENDING	PENDING	76 TO 85	PENDING	PENDING
FAN BLADE	TYPE	IMPELLER						
	MATERIAL	NYLON 6 W/ 30% GLASS-FIBER FILL						
	DIAMETER	[in/mm]	16 / 410	18 / 460	21 / 540	24 / 610	16 / 410	18 / 460
	NO. OF BLADES		6	8	8	8	6	6
DIMENSIONS	WEIGHT	[lb/kg]	74 / 34	76 / 35	81 / 37	90 / 41	77 / 35	83 / 38
	WIDTH	[in/mm]	20.5 / 521	22.00 / 559	24.75 / 629	28.25 / 718	20.5 / 521	22.00 / 559
	DEPTH	[in/mm]	19.75 / 502	21.00 / 534	21.00 / 534	21.00 / 534	19.75 / 502	21.00 / 534
	HEIGHT (COLLAPSED)	[in/mm]	21.75 / 553	24.25 / 616	26.25 / 667	30.00 / 762	21.75 / 553	24.25 / 616
	HEIGHT (EXTENDED)	[in/mm]	35.25 / 895	40.00 / 1016	43.25 / 1099	47.75 / 1162	35.25 / 895	40.00 / 1016
MOTOR	MANUFACTURER		MARATHON	MARATHON			NC	
	MODEL		G374	G371			NC	
	TYPE		TEFC	TOTALLY ENCLOSED FAN COOLED (TEFC)			TENV	
	VOLTAGE	[VAC/HZ]	110 / 60	110 / 60			220 / 50	
	POWER OUTPUT	[HP/kW]	1.5 / 1.118	1.0 / 0.745			2.9 / 2.2	
	MAX AMPERAGE		14.2	13.4			14	
	WATTS @ FULL RPM		1633	1541			3080	
FRAME	TYPE		ERGONOMIC WELDED ROLL CAGE					
	MATERIAL	[in/mm]	0.75 / 49		0.75 & 1.00 / 49 & 25.4		0.75 / 49	
	COATING		POWDER COAT					
	DEFAULT COLOR		DARK GRAY					
	HANDLE		FLIP-UP / FOLD-DOWN W/ PULL PIN LOCK					
	NO. OF TILT POINTS		4	5			4	5
	WHEEL TYPE		NON-PNEUMATIC FLAT FREE					
WHEEL SIZE	[in/mm]	6 / 153	8 / 203			6 / 153	8 / 203	
SHROUD	TYPE		<b>TURBO 2000</b>					
	MATERIAL		ALUMINUM W/ ROLLED EDGE					
	COATING		POWDER COAT					
	DEFAULT COLOR		YELLOW			RED		
GRILLE	MATERIAL		SPIRAL WELDED STEEL WIRE					
	NO. OF TIE POINTS		8					
	STANDARDS		MEETS EUROPEAN CE STANDARDS					
	COATING		POWDER COAT					
	DEFAULT COLOR		DARK GRAY					