

SPECIAL OPERATIONS (SP) GAS & ELECTRIC POWER BLOWERS™

TEMPEST™



Designed for Unique Fire Ground Ventilation Scenarios

The Tempest Special Operations Power Blower™, or SP for short, Designed to tackle unique fire ground ventilation scenarios, the SP's specialized air pattern is highly effective when ventilating stairwells, complex, multistory and large structures (>5,000 sf). This same air pattern is also designed to be deployed 9 – 11 feet from the entry point, providing additional access for personnel.



Extended Set Back

Most effective at a set-back of 9 to 11 feet using Laminar Air Flow, allowing improved personnel access.



Welded Steel Roll Cage Frame

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



Laminar Air Flow

The Special Operations (SP) Power Blower™ uses a uniquely designed grille and shroud to produce a narrow, high pressure air pattern



AirFlex Composition Impeller

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



Model No.	Part No.	Size	HP	m3/h	Dimensions (WxDxH)	Weight
Electric						
SP-18-V-3.0 (220V / 50HZ)	921-1720	458mm	2.0	Pending	531x546x654mm	48 kg.

TEMPEST™

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TECHNICAL SPECIFICATIONS

	PRODUCT FAMILY		POWER BLOWER™	
	PRODUCT LINE & TYPE		LAMINAR AIR FLOW ELECTRIC (LE) - SPECIAL OPERATIONS (CE COMPLIANT)	
	MODEL		SP-18-V-3.0	
	PART NO.		921-1720	
OUTPUT	AIR VOLUME	[cfm/m³h]	15,679 / 26,639	
	NOISE LEVEL @ 10 ft	[dB(A)]	84.7	
FAN BLADE	TYPE		IMPELLER	
	MATERIAL		NYLON 6 W/ 30% GLASS-FIBER FILL	
	DIAMETER	[in/mm]	16.6 / 422	
	NO. OF BLADES		6	
DIMENSIONS	WEIGHT (DRY)	[lb/kg]	90 / 41	
	WIDTH	[in/mm]	21.75 / 553	
	DEPTH	[in/mm]	21.5 / 546	
	HEIGHT (COLLAPSED)	[in/mm]	25.75 / 654	
	HEIGHT (EXTENDED)	[in/mm]	41.25 / 1048	
MOTOR	MANUFACTURER		NICOLINI	
	TYPE		TEAO	
	VOLTAGE		220 (3 PHASE AC)	
	POWER OUTPUT	[HP/kW]	2.9 / 2.2	
	MAX AMPERAGE		14	
	WATTS @ FULL RPM		3080	
DRIVE	MANUFACTURER		LEADER	
	TYPE		VARIABLE FREQUENCY DRIVE (VFD)	
	STANDARDS		Meets EN 50178 for user safety	
	INPUT OPERATING VOLTS		220 VAC 50/60HZ	
	OUTPUT VOLTS		220 (3 PHASE AC)	
FRAME	TYPE		ERGONOMIC WELDED ROLL CAGE	
	MATERIAL	[in]	0.75 SQ TUBE STEEL	
	COATING		POWDER COAT	
	DEFAULT COLOR		TEX BLACK	
	HANDLE		FLIP-UP / FOLD-DOWN W/ PULL PIN LOCK	
	TILT RANGE		-10° to +15°	
	NO. OF TILT POINTS		6	
	WHEEL TYPE		NON-PNEUMATIC FLAT FREE	
	WHEEL SIZE	[in/mm]	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		6 FRONT, 8 REAR	
	STANDARDS		MEETS EUROPEAN CE SAFETY STANDARDS	
	COATING		POWDER COAT	
	DEFAULT COLOR		DARK GRAY	