

# TEMPEST

Fighting for performance

THE MOST POPULAR POSITIVE PRESSURE VENTILATION UNIT IN THE WORLD

## DIRECT DRIVE (DD) GAS POWER BLOWERS™

Tempest Direct-Drive positive pressure ventilation fans offer the ideal combination of value, performance and durability. All models feature an overhead valve engine that delivers incredible reliability. The 18" and 21" Tempest Direct-Drive Power Blowers™ are the most popular positive pressure ventilation (PPV) units in the world.



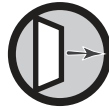
### Best In Class Gasoline Engines

Available with your choice of either a Honda® GX Series or Briggs and Stratton® OHV engine.



### 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) from each Tempest Power Blower™.

Model Number	Part No.	Size	HP	CFM	Dimensions (W x D x H)	Weight
DD-16-H-4.8	910-1100	16"	4.8	12008	20.5" x 19.75" x 21.75"	79 lbs.
DD-18-H-4.8	910-1120	18"	4.8	14773	22.75" x 21" x 24.25"	85 lbs.
DD-21-H-5.5	910-1140	21"	5.5	20523	25" x 21" x 26.25"	90 lbs.
DD-24-H-5.5	910-1160	24"	5.5	19606	28" x 21" x 30"	99 lbs.
DD-16-B-3.5	910-1101	16"	3.5	11541	20.5" x 19.75" x 21.75"	73 lbs.
DD-18-B-5.5	910-1121	18"	5.5	14341	23.5" x 21" x 25"	83 lbs.
DD-21-B-5.5	910-1141	21"	5.5	18025	25.5" x 21" x 26.25"	87 lbs.
DD-24-B-5.5	910-1161	24"	5.5	19232	28" x 21" x 30"	97 lbs.

# TECHNICAL SPECIFICATIONS

PRODUCT FAMILY		POWER BLOWER™								
PRODUCT LINE & TYPE		CONE GAS (CG) - DIRECT-DRIVE								
MODEL		DD-16-H-4.8	DD-18-H-4.8	DD-21-H-5.5	DD-24-H-5.5	DD-16-B-3.5	DD-18-B-5.5	DD-21-B-5.5	DD-24-B-5.5	
PART NO.		910-1100	910-1120	910-1140	910-1160	910-1101	910-1121	910-1141	910-1161	
OUTPUT	AIR VOLUME	[cfm/m³h]	12,008 / 20,400	14,773 / 25,100	20,523 / 34,238	19,606 / 33,310	11,541 / 19,608	14,341 / 24,365	18,025 / 30,624	19,232 / 32,829
	AIR VELOCITY	[mph/kph]	PENDING	PENDING	PENDING	PENDING	PENDING	PENDING	PENDING	PENDING
	NOISE LEVEL @ 10 ft	[dB(A)]	90 TO 97	92 TO 98	94 TO 101	PENDING	PENDING	PENDING	PENDING	PENDING
FAN BLADE	TYPE	IMPELLER								
	MATERIAL	NYLON 6 W/ 30% GLASS-FIBER FILL								
	DIAMETER	[in/mm]	16 / 410	18 / 460	21 / 533	24 / 610	16 / 410	18 / 460	21 / 533	24 / 610
	NO. OF BLADES		6	8	8	8	6	8	8	8
DIMENSIONS	WEIGHT (DRY)	[lb/kg]	79 / 36	85 / 39	90 / 41	99 / 45	73 / 33	83 / 38	87 / 40	97 / 44
	WEIGHT (WET)	[lb/kg]	84 / 38	90 / 41	95 / 43	104 / 47	78 / 35	88 / 40	92 / 42	102 / 46
	WIDTH	[in/mm]	20.5 / 521	22.75 / 578	25 / 635	28.25 / 718	20.5 / 521	23.5 / 597	25.5 / 635	28.25 / 718
	DEPTH	[in/mm]	19.75 / 502	21 / 534	21 / 534	21 / 534	19.75 / 502	21 / 534	21 / 534	21 / 534
	HEIGHT (COLLAPSED)	[in/mm]	21.75 / 553	24.25 / 616	26.25 / 667	30 / 762	21.75 / 553	25 / 648	26.25 / 667	30 / 762
	HEIGHT (EXTENDED)	[in/mm]	35.25 / 895	40 / 1016	43.25 / 1099	47.75 / 1162	35.25 / 895	40 / 1016	43.25 / 1099	47.75 / 1162
ENGINE	MANUFACTURER	HONDA*				BRIGGS & STRATTON				
	MODEL	GX160	GX160	GX200	GX200	350 series	950 series	950 series	950 series	
	TYPE	AIR-COOLED 4-STROKE OHV								
	FUEL	(R+M)/2 - 86 OCTANE GASOLINE OR BETTER								
	POWER OUTPUT	[HP/kW]	4.8* / 3.6	4.8* / 3.6	5.5* / 4.1	5.5* / 4.1	3.5	5.5* / 4.1	5.5* / 4.1	5.5* / 4.1
	FUEL CAPACITY	[gal/L]	0.82 / 3.1				PENDING	0.72 US gal / 2.72 L		
	OIL CAPACITY	[qt/L]	0.61 / 0.58	0.61 / 0.58	0.63 / 0.60	0.63 / 0.60	0.61qt / 0.58L	0.61qt / 0.58L	0.61qt / 0.58L	0.61qt / 0.58L
RUN TIME	[h]	2.16	PENDING	1.5	1.5	PENDING	PENDING	PENDING	PENDING	
FRAME	TYPE	ERGONOMIC WELDED ROLL CAGE								
	MATERIAL	[in]	0.75 SQUARE TUBE STEEL			0.75 & 1.00 SQ. TUBE STEEL	0.75 SQUARE TUBE STEEL		0.75 & 1.00 SQ. TUBE STEEL	
	COATING	POWDER COAT								
	DEFAULT COLOR	RED								
	HANDLE	FLIP-UP / FOLD-DOWN W/ PULL PIN LOCK								
	TILT RANGE		-5° to +10°	-5° to +15°	-5° to +15°	-5° to +15°	-5° to +10°	-5° to +15°	-5° to +15°	-5° to +15°
	NO. OF TILT POINTS		4	5	5	5	4	5	5	5
	WHEEL TYPE	NON-PNEUMATIC FLAT FREE								
WHEEL SIZE	[in/mm]	6 / 153	8 / 203	8 / 203	8 / 203	6 / 153	8 / 203	8 / 203	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								

\*Motor HP ratings are determined according to SAE J1349\* standards. If measurements are not published openly by the OEM, ratings may be estimated by Tempest using motor displacement (size) compared to similar models. Estimations are not guaranteed.  
Periods Used to Designate Decimal Points

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