

DIRECT DRIVE (DD) GAS POWER BLOWERS™



The Most Popular PPV Unit in the World

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 PPV units in the world.



Best In Class Gasoline Engines

Powered by the reliable and trusted Honda® GX Series 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), velocity and pressure from each Tempest Power Blower™.



Model No.	Part No.	Size	HP	m3/h	Dimensions (WxDxH)	Weight
DD-16-H-4.8	910-1100	410mm	4.8	20,400	521x502x553mm	36 kg.
DD-18-H-4.8	910-1120	460mm	4.8	25,100	578x534x616mm	39 kg.
DD-21-H-5.5	910-1140	533mm	5.5	34,238	635x534x667mm	41 kg.

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	
PART NO.		910-1100	910-1120	910-1140	
OUTPUT	AIR VOLUME	[cfm/m³h]	12,008 / 20,400	14,773 / 25,100	20,523 / 34,238
	AIR VELOCITY	[mph/kph]	PENDING	PENDING	PENDING
	NOISE LEVEL @ 10 ft	[dB(A)]	90 TO 97	92 TO 98	94 TO 101
FAN BLADE	TYPE		IMPELLER		
	MATERIAL		NYLON 6 W/ 30% GLASS-FIBER FILL		
	DIAMETER	[in/mm]	16 / 410	18 / 460	21 / 533
	NO. OF BLADES		6 @ 35°	8 @ 40°	8 @ 30°
DIMENSIONS	WEIGHT (DRY)	[lb/kg]	79 / 36	85 / 39	90 / 41
	WEIGHT (WET)	[lb/kg]	84 / 38	90 / 41	95 / 43
	WIDTH	[in/mm]	20.5 / 521	22.75 / 578	25 / 635
	DEPTH	[in/mm]	19.75 / 502	21 / 534	21 / 534
	HEIGHT (COLLAPSED)	[in/mm]	21.75 / 553	24.25 / 616	26.25 / 667
	HEIGHT (EXTENDED)	[in/mm]	35.25 / 895	40 / 1016	43.25 / 1099
ENGINE	MANUFACTURER		HONDA*		
	MODEL		GX160	GX160	GX200
	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
	FUEL CAPACITY	[gal/L]		0.82 / 3.1	
	OIL CAPACITY	[qt/L]	0.61 / 0.58	0.61 / 0.58	0.63 / 0.60
	RUN TIME	[h]	2.16		1.5
FRAME	TYPE		ERGONOMIC WELDED ROLL CAGE		
	MATERIAL	[in]	0.75 SQUARE TUBE STEEL		
	COATING		POWDER COAT		
	DEFAULT COLOR		DARK GRAY		
	HANDLE		FLIP-UP / FOLD-DOWN W/ PULL PIN LOCK		
	TILT RANGE		-5° to +10°	-5° to +15°	-5° to +15°
	NO. OF TILT POINTS		4	5	5
	WHEEL TYPE		NON-PNEUMATIC FLAT FREE		
	WHEEL SIZE	[in/mm]	6 / 153	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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