RADIATOR PERFORMANCE DATA

Остовек 13, 2020

For Help Desk Phone Numbers Click here

Component Performance Number: DM9041			
Radiator Data	Engine Data	Comb	
Radiator Part Number: 2562077	Performance Number: DM8168	Pully	
Radiator Type: AS10.5CT	Sales Model: C9 Fan		
Front Area: 10.44 ft2	EKW: 300		
Radiator Dry Weight: 308.6 lbs	Rating: STANDBY		
Radiator Wet Weight: NA lbs	Speed: 1800		
Radiator Water Capacity High Temp Circuit: 3.0 gal	Settings: NA		
Radiator Water Capacity Low Temp Circuit: NA gal	IM ATAAC Temp Deg F: 120		
Center of Gravity (X): 6.97 in (Distance from front face of core)			
Center of Gravity (Y): 27.60 in (Distance from bottom of radiator sup	pport)		

Center of Gravity (Z): 0.79 in (Distance from center line of core)

Ambient Restrictions (1/2 inH2O)		Ambient Restrictions (3/4 inH2O)			Air Flow Restrictions (1/2 in H2O)	Air Flow Postrictions (3/4 in H2O)			
984 Feet	2460 Feet	4921 Feet	984 Feet	2460 Feet	4921 Feet	Restrictions (1/2 inH2O) Res	Kestrictions (5/4 mil20)		
reet reet reet reet reet reet reet						scfm			
120	114	107	118	113	105	17551	16986		
	CORE RESIST inH2O	CORE AIRFLOV scfm	v			_ 25,000			
	0.08	2,118.88	3			u 22,500			
	0.24	4,237.76				[₩] 20,000 -			
	0.48	6,356.65	5			17,500			
	0.78	8,475.53	3			≥ 15,000			
	1.13	10,594.4	1			AIRF 15,000 - 12,500 - 12,500 - 12,500 - 12,500 - 12,500 - 12,500 - 10,000			
	1.54	12,713.2	9			2 10,000			
	2	14,832.1	7			₫ 7,500			
	2.5	16,951.0	6			5,000 2,500	<i>_</i>		
	3.05	19,069.9	4			Ŭ 2,500 -	f		
	3.64	21,188.8	2			0 1			
	4.27	23,307.7	7			0	1 2 3 4 5		
	4.95	25,426.5	8			(CORE RESIST inH2O		

Reference Number: DM9041

Parameters Reference: TM6016 RADIATOR CORE DATA:

No notes found ...

FOR OPEN GENERATOR SET ELECTRIC POWER APPLICATIONS, CORE AIR FLOW RESISTANCE DATA INCLUDES ENGINE, GENERATOR, AND COOLING PACKAGE. ADDITIONAL AIRFLOW RESISTANCE DUE TO CUSTOMER SUPPLIED ITEMS SUCH AS INLET/EXHAUST LOUVERS, SOUND ATTENUATION, OR INLET/EXHAUST AIR PIPEWORK IS NOT INCLUDED.

ALL OTHER APPLICATIONS OUTSIDE OF OPEN ELECTRIC POWER, CORE AIR FLOW RESISTANCE IS FOR FREE STANDING CORE ONLY.

CORE PERFORMANCE DATA IS BASED ON AN AIR DENSITY OF 1.20 KG/M3 (0.075 LB/CU FT)

AMBIENT CAPABILITY:

AMBIENT CAPABILITY AND ALTITUDE CAPABILITY LISTED ON THIS PAGE REFLECTS THE CAPABILITY OF THE COOLING SYSTEM AT THE MAXIMUM GENERATOR RATING. AMBIENT CAPABILITY FOR STANDBY AND MISSION CRITICAL STANDBY RATINGS REPORTED AGAINST A JACKET WATER ENGINE EXIT TEMPERATURE LIMIT OF 104C (219F). ALL OTHER RATINGS REPORTED AT 99C (210F).

AMBIENT AND ALTITUDE CAPABILITY MUST BE VERIFIED FOR THE ENGINE AND GENERATOR IN THE ENGINE PERFORMANCE SECTION OF TMI.

NON TIER 4 EMISSION RATINGS ASSUME 4C (7F) AIR TO CORE RISE, TIER 4 EMISSION RATINGS ASSUME 6C (9F).

ALL PERFORMANCE SHOWN WITH 50/50 GLYCOL COOLANT.

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