

RADIATOR PERFORMANCE DATA

NOVEMBER 10, 2021

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Component Performance Number: EM1068

Radiator Data

Radiator Part Number: 5410718
 Radiator Type: A29.0CVS
 Front Area: 29.06 ft²
 Radiator Dry Weight: 1,058.2 lbs
 Radiator Wet Weight: NA lbs
 Radiator Water Capacity High Temp Circuit: 18.0 gal
 Radiator Water Capacity Low Temp Circuit: 18.0 gal
 Center of Gravity (X): 0.00 in (Distance from front face of core)
 Center of Gravity (Y): 0.00 in (Distance from bottom of radiator support)
 Center of Gravity (Z): 0.00 in (Distance from center line of core)

Engine Data

Performance Number: EM3842
 Sales Model: C18
 EKW: 750
 Rating: STANDBY
 Speed: 1800
 Settings: NA
 IM ATAAC Temp Deg F: 120

Combination Data

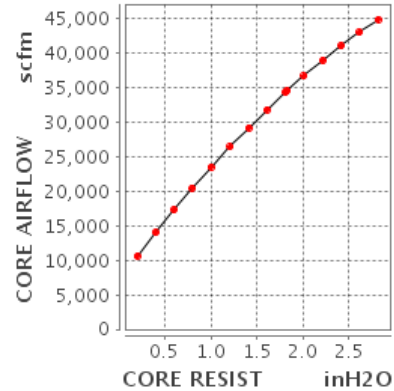
Pully Ratio: 0.8
 Fan Power: 41.57162 hp

Ambient Restrictions (1/2 inH2O)			Ambient Restrictions (3/4 inH2O)			Ambient Restrictions (1.00 inH2O)		
984 Feet	2460 Feet	4921 Feet	984 Feet	2460 Feet	4921 Feet	984 Feet	2460 Feet	4921 Feet
123	118	111	122	116	109	NA	NA	NA

----- Max Ambient Pre-alarm Deg F -----

Air Flow Restrictions (1/2 inH2O)	Air Flow Restrictions (3/4 inH2O)	Air Flow Restrictions (1.00 inH2O)
31747	31218	NA

CORE RESIST inH2O	CORE AIRFLOW scfm
0.2	10,592.04
0.4	14,025.9
0.6	17,327.55
0.8	20,496.94
1	23,534.14
1.21	26,439.09
1.41	29,211.83
1.61	31,852.34
1.81	34,360.64
1.83	34,604.2
2.01	36,736.82
2.21	38,980.72
2.41	41,092.18
2.61	43,071.57
2.81	44,918.89



Reference Number: EM1068

No notes found...

Parameters Reference:

No notes found...