

**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 ft<sup>2</sup>  
 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: EM3840  
 Sales Model: C18  
 EKW: 700  
 Rating: STANDBY  
 Speed: 1800  
 Settings: NA  
 IM ATAAC Temp Deg F: 120

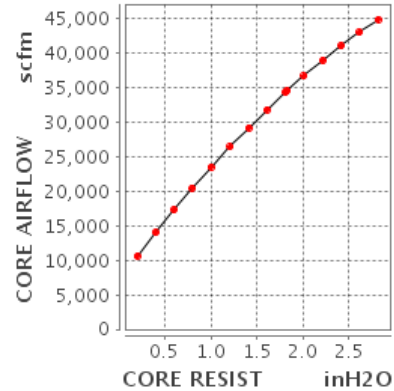
**Combination Data**

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 |
| 129                              | 123       | 116       | 125                              | 120       | 113       | NA                                | NA        | NA        |

| 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...