



Quote #  
**71060520003**

Rev #: **DATA SHEET**

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Title

Date Sent: **6/5/2020**

Job Reference:

### Engine Data

Engine Manufacturer:	<b>Caterpillar</b>	JW Heat Load:	<b>50,734</b> Btu/Min
Engine Model:	<b>D3516B DITA</b>	JW Flow:	<b>396</b> GPM
Rating:	<b>Standby</b>	JW Allow Temp:	<b>210</b> Deg. F
HP:	KW:	HZ:	RPM: <b>1,800</b>
Manifold Type:	<b>Dry</b>	Coolant:	<b>50</b> % E.G.
Data Supplied By:	<b>Customer</b>	AC Heat Load:	<b>32,902</b> Btu/Min
		AC Flow:	<b>150</b> GPM
		AC Allow Temp:	<b>140</b> Deg. F

### Site Data Environment Normal

Ambient:	<b>102</b> Deg. F	Site Location:	<b>Open Area</b>
Deg. Air Rise:	<b>5</b> Deg. F	Total External Static:	<b>0.50</b> Inches H2O
Elevation:	<b>1000</b> Ft.	Data Supplied By:	<b>Customer</b>

### Radiator Data

Radiator Model:	<b>HC051</b>	JW	AC
JW/AC Split:	<b>N/A</b>	Pressure Drop:	<b>-2.85</b> <b>-2.84</b> PSI
ACFM:	<b>80,676</b>	Fan Drive Type:	<b>V-Belt</b>
Fan Speed:	<b>637</b> RPM	Horse Power:	<b>75.0</b>
Fan Diameter:	<b>84</b> Inches	Motor RPM:	<b>1760</b>
Fan Tip Speed:	<b>14,008</b> FPM	Phase:	<b>3</b>
Number of Blades:	<b>8</b>	HZ:	<b>60</b>
		Volts:	<b>230/460</b>
Fan Type:	<b>Pusher</b>	System:	<b>Stacked Dual Circuit</b>
Fan Part #	<b>4102137-21.0</b>	Radiator SPL:	<b>89.7</b> @ 25 FT
Blade Material:	<b>Alum Adj Pitch, Airfoil</b>		

Available Optional Equipment

Special Notes:

Motor starter and CB disconnect by others.

Prepared By: Hans Melberg

Representative: Energy Systems Midwest