



Quote #  
**71060520003**

Rev #: **DATA SHEET**

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

Prepared for: **MacAllister Machinery Company**  
**7515 East 30th Street**  
**Indianapolis, IN. 46219-1192**

Job Reference:

Attn: **Christopher Ricketts**

### 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>	AC Heat Load: <b>32,902</b> Btu/Min
Manifold Type: <b>Dry</b>	Coolant: <b>50</b> % E.G.                      AC Flow: <b>150</b> GPM
Data Supplied By: <b>Customer</b>	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>			
ACFM: <b>80,676</b>	Fan Drive Type: <b>V-Belt</b>	Pressure Drop: <b>-2.85</b>	<b>-2.84</b> PSI
Fan Speed: <b>637</b> RPM	Horse Power: <b>75.0</b>	Number of Passes: <b>1</b>	<b>2</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>			
Fan Part # <b>4102137-21.0</b>		System: <b>Stacked Dual Circuit</b>	
Blade Material: <b>Alum Adj Pitch, Airfoil</b>		Radiator SPL: <b>89.7</b>	@ 25 FT

Available Optional Equipment

Special Notes:

Motor starter and CB disconnect by others.

Prepared By: Hans Melberg

Representative: Energy Systems Midwest