



Electric Motor Testing Tip of the Week

revolutionizing *electrical* reliability

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Cooling Fans

One often overlooked item when dealing with a motor that is running “hot” for what appears to be no reason is the cooling fan and air deflectors and how they are installed. Improper relationship between the fan blades and the positioning of the air deflector can lead to loss of airflow through the rotor and/or stator cooling channels, raising the motor’s operating temperature. Reviewing your motor repair specifications to ensure that the correct type of fan (unidirectional or bi-directional for example) and the proper orientation between the fan and air deflectors after final assembly could save you a lot of grief after the motor is installed.

You are invited to submit an Electric Motor Testing Tip of your own and receive a free PdMA mug or hat if we publish it! Contact Lou Martindale at 813-621-6463 ext. 126 or lou@pdma.com.

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