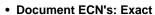


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Kit Instruction—

39T020DAxR 39T030CAxR 39T050AAxR 39T050A96R 39T050A98R 39T050BAxR 39T100CAxR





Please Read

About the Manual Identifying Information on the Cover

The front cover displays pertinent identifying information for this manual. Most important, are the published manual number (part number) /ECN (date code). Generally, when a replacement manual is furnished, it will have the same published manual number, but the latest available ECN. This provides the user with the latest information applicable to his machine. Similarly all documents comprising the manual will be the latest available as of the date the manual was printed, even though older ECN dates for those documents may be listed in the table of contents.

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References to Yellow Troubleshooting Pages

This manual may contain references to "yellow pages." Although the pages containing troubleshooting procedures are no longer printed on yellow paper, troubleshooting instructions, if any, will be contained in the easily located "Troubleshooting" chapter or section. See the table of contents.

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July 20, 1999

APPLICATION NOTE: DRYER BASKET MOTORS

P/N 39T020DAH, -DAT, -DAM, -DAX P/N 39T030CAH, -CAM, -CAT, -CAX P/N 39T050BAH, -BAM, -BAT, -BAX P/N 39T100CAH, -CAT, -CAM, -CAX

Through the history of MILNOR dryers, we have used different methods of increasing and decreasing motor torque to prevent dryer baskets from bouncing.

On original equipment from approximately 1985 to 1996, MILNOR utilized a "hard start" feature which re-engaged the 12-lead motor winding at a lower voltage connection, thus increasing torque output of the motor. We call this the "hard start" feature. Hard start was applied one second after the motor began to rotate under normal torque and turned off after two seconds to resume normal torque operation.

The new motor enclosed in this package **WILL NOT** operate with the hard start feature.

The new motor is not internally wired in the same manner as the previous motors used with hard start. Thus, it is necessary to remove the hard start contactor set from the dryer electrical controls and connect the new motor directly to the reversing contactor assembly.

In every case, the new motor must be wired for the service voltage of the dryer. See the motor nameplate for the appropriate voltage connections at the motor.

The motor may then be connected directly to the basket motor overload or to the Baldor soft start device utilized in later production dryers.

The soft start device is intended to prohibit dryer basket bouncing by reducing the torque of the basket drive motor at start-up. However, it is possible to run a MILNOR dryer without the soft start device. We leave the application of a new soft start device on older dryers to the discretion of the maintenance personnel replacing the motor.

Please see the attached "marked up" copy of the dryer motor connection schematic for an explanation on how to disable the hard start contactor set.

Gary Lazarre

GLL/das

Attachments: HWSOFTSTRO10203 (W6DRYGMTR "MARKED UP")

HWSOFTSTRO10203 (W6DRYFMTR "MARKED UP")