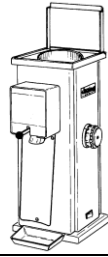




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*Serving the Whole-Bean  
 Coffee Market Since 1968*  
[www.ditting.com](http://www.ditting.com)

**Ref. Models:**  
 1403 Series  
 1800 Series

**SERVICE TIP #R2**

**TROUBLESHOOTING ALL DITTING  
 220 VOLTS, 3 PHASE GRINDERS...1403 AND 1800 SERIES**

**Our motors do not burn out easily. Look for simple problems. Never assume that the motor is bad because the grinder is doing something unusual.**

<b>PROBLEM</b>	<b>CHECK FOR</b>	<b>POSSIBLE SOLUTION</b>
<b>NO OUTPUT</b> Coffee does not come out	<b>DIRECTION OF ROTATION:</b> Looking into the hopper, when the grinder comes to a stop, it should be turning counter-clockwise.	<b>REVERSE ANY TWO OF THE HOT WIRES (DO NOT CHANGE THE YELLOW OR YELLOW-GREEN GROUND WIRE) IN THE PLUG.</b> This needs to be done when the grinder is first installed or plugged into a new outlet.
<b>GRINDER CHANGES DIRECTION OF ROTATION EVERY TIME IT IS TURNED ON</b>	<b>ONE OF THE THREE PHASES IS NOT DELIVERING POWER TO THE MOTOR</b>	<b>THE PROBLEM IS ONE OF:</b> > BAD SWITCH (KFA1403 version) > BAD WIRE IN THE PLUG OR OUTLET (any model) > BAD CONTACTOR (KFR/KR model)
<b>GRINDER STOPS UNDER LOAD</b> Runs okay without beans but stops when beans are added	<b>ONE OF THE THREE PHASES IS NOT DELIVERING POWER TO THE MOTOR</b>	<b>THE PROBLEM IS ONE OF:</b> > BAD SWITCH (KFA1403 version) > BAD WIRE IN THE PLUG OR OUTLET (any model) > BAD CONTACTOR (KFR/KR model)
<b>GRINDER STAYS ON</b>	<b>BAD CONTACTOR</b>	<b>KFR OR KR1403</b> Replace contactor
<b>BREAKER KEEPS TRIPPING OFF</b>	<b>SHORT CIRCUIT</b>	LOOK FOR BURNED OUT WIRE SHORTING TO THE GRINDER HOUSING EITHER AT THE BASE OF THE MACHINE OR IN THE SWITCH AREA, OR LOOK FOR A CRIMPED WIRE AT THE BASE.
<b>GRINDING TOO SLOWLY and/or OVERHEATING</b>	<b>WORN OUT GRINDING DISCS</b> , or worn out/broken fins on the lower rotating plate	<b>REPLACE THE GRINDING DISCS</b> , and/or REPLACE THE LOWER ROTATING PLATE.

Visit our website at [www.ditting.com](http://www.ditting.com) for this and other service tips.