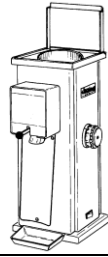




U.S. Distribution Center
8801-B Smiths Creek Rd, Wales, MI 48027
Tel 810-367-7125 Toll-Free 800-835-5992
Fax 810-367-7130



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.

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

Visit our website at www.ditting.com for this and other service tips.