

**Model RF (100' Autofeed)  
Model Z5-AF (75' Autofeed)  
Model E-AF (50' Autofeed)**

**Condensed  
Operating  
Instructions  
DO NOT REMOVE**



**WARNING!**



Read and understand **ALL** safety and operational guidelines before operating this machine. Failure to follow safety and operational guidelines could result in death or serious bodily injury. Complete operating instructions are included in the Operator's Manual. These are condensed instructions and are not complete. Please visit [www.electriceel.com](http://www.electriceel.com) for the manufacturer's complete operation and safety manual for this machine.

**SAFETY INSTRUCTIONS**



**DANGER**



**TO PREVENT SERIOUS BODILY INJURY:**

Always wear **SAFETY GLASSES** and **HEAVY LEATHER GLOVES** when operating equipment.



**Electric shock resulting in death can occur** if there are defects or faults in any wiring supplying power to this machine.



**Never** use the machine in wet conditions or in standing water.



Place machine cable guide spring at pipe opening.  
**Never have exposed cable.**



**Never** handle the rotating cable or any cable under tension.

Always **KEEP CLEAR** of rotating cages/drums, shafts, pulleys, belts or other rotating parts.



**Do not wear** loose clothing or jewelry while operating this machine.

**Use foot actuator to operate machine.** Keep good footing and balance at all times. Do not overreach.



**ONLY ONE PERSON** should operate machine, foot actuator and cable.

**PERSON**

**Always keep** all guards, automatic cable feeder and cable guide spring in place during operation.



**Always wear** rubber-soled non-slip shoes.

**Always avoid** contact of skin, facial area and especially eyes with drain water.



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## SAFETY INSTRUCTIONS - ELECTRICAL



**DANGER**



**TO PREVENT SERIOUS BODILY INJURY AND  
TO AVOID DANGER FROM ELECTRICAL SHOCK:**



**Always use a Ground Fault Circuit Interrupter (GFCI) with a properly grounded outlet to ensure protection against electric shock.**

The GFCI does not guard against electrical shock resulting from defects or faults in any wiring supplying power to this machine, or from contact with both circuit conductors. If a ground wire is electrified, electrocution is possible from touching the machine, even when the power switch is off. To determine if an outlet is safe, use a UL approved tester.



**TEST the GFCI device before each use.**

1. Plug GFCI into 120-volt receptacle.
2. Push test button. The indicator light should go off and power to machine will stop.
3. If light does not go off when test button is pushed, **DO NOT** use the device or machine until the device is properly repaired.
4. If the test light does go off, push the reset button to restore power after test. **DO NOT** use the device if the indicator light does not go on when reset.



## CHOOSING THE RIGHT MACHINE

Machine	Cable Diameter	Cable Length	Pipe Size	Typical Applications
Model E-AF	1/2"	50 feet	1-1/4"–3"	Floor drains, laundry tubs, stacks
Model Z5-AF	1/2"	75 feet	1-1/4"–3"	Floor drains, laundry tubs, stacks
Model RF	3/4" or 5/8"	100 feet	3"–6"	Floor drains, mainlines, tree roots

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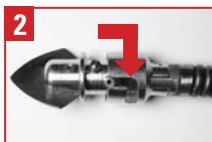
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## OPERATING INSTRUCTIONS



1. **WITH POWER OFF**, be sure that the machine cable guide spring is securely attached to the automatic feeder.



2. Attach a small spear-type (starting drill tool) cleaning tool to the end of the cable.



3. Place machine cable guide spring at pipe opening. Never have exposed cable.



4. Position foot actuator for easy operator accessibility.



5. Make sure **FWD/OFF (Forward/Off) MOTOR** Switch is in **FORWARD** position. Run motor in **FORWARD (FWD)** position for all cleaning operations.



6. Place one heavy leather gloved hand on cable guide spring to control cable as it rotates inside, and use the other gloved hand to work the feeder control lever. Operator must keep one heavy leather gloved hand on cable guide spring at all times during operation.

The feeder lever controls the speed at which the cable feeds and the direction of the cable. Moving the feeder control lever toward **FORWARD (FWD)** or downward increases the speed. Moving the lever upward toward **NEUTRAL (midway between FORWARD and REVERSE)** slows the speed. In **NEUTRAL**, the cable will spin in place but will not feed. Placing the feeder lever control upward in **REVERSE (REV)** changes the direction of the cable and retracts it into the cage.

**FORWARD (FWD)**



**NEUTRAL**



**REVERSE (REV)**



*Continued on next page >>>*

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Re-order Part# I-23FWDO

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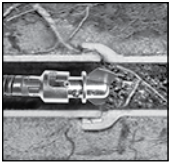
- 7. TURN POWER ON**, depress the foot actuator and slowly move the feeder control lever from **NEUTRAL** to the **FORWARD (FWD)** position to begin feeding the cable into the line.



**NOTE:** If the feeder control lever is put in **FORWARD (FWD)** but the cable does not advance, then turn the cable tension knob in a clockwise direction until the cable begins to advance. **Do not overtighten cable tension knob as it may damage feeder bearings.**



- 8. Automatically feed cable until obstruction is met.** When obstruction is met, slow the speed at which the cable is feeding. When cable begins to drag or rotation becomes difficult, move the feeder control lever to **NEUTRAL** position to allow tool to cut away at the obstruction. Alternating between a slow **FORWARD (FWD)** cable feed and **NEUTRAL** or **REVERSE (REV)** is often beneficial in clearing an obstruction.



**NEVER force the cable and tool into an obstruction.**

- < If tool becomes stuck in the obstruction**, move feeder control lever to the **REVERSE (REV)** position to back out tool.



- 9. After the line has been opened**, slowly retrieve the cable by moving the feeder control lever upward to the **REVERSE (REV)** position.



**NOTE:** Use a continuous flow of water to clean cable, line and tool as cable is retrieved.



- 10. When the cable and tool are close to the pipe opening**, move the feeder control lever into the **NEUTRAL** position, release the foot actuator, allow machine to come to a complete stop and **TURN POWER OFF**. **DO NOT** retract cutter tool into the cable guide spring.

**NOTE:** Never retract the tool from the pipe while cable is rotating. The cable could cause serious bodily injury.

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