



Customer Safety and Operation Guide



Electric Eel Model S 25 Ft. Electric Drain Cleaner

WARNING **Safety Topics**



Read and understand all safety and operational guidelines before operating this machine. Failure to follow safety and operations guide could result in death or serious injury. Please visit www.electriceel.com for the manufacturers operation and safety manual for the Model S.



Safety Checklist

DANGER!!! TO PREVENT SERIOUS BODILY INJURY:

1. **ALWAYS** wear heavy leather gloves and safety glasses when operating equipment.
2. **DO NOT** wear loose clothing or jewelry while operating this machine.
3. Operate machine while keeping good footing and balance at all times. **DO NOT OVERREACH.**
4. Machine and cable should be **operated by one person only.**
5. **ALWAYS** keep all guards in place during operation.
6. **ALWAYS** wear rubber-soled non-slip shoes.
7. **ALWAYS** avoid contact of skin, facial area and especially eyes with drain water.
8. **ALWAYS** keep clear of rotating cages/drums, shafts, pulleys, belts or other rotating parts.



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

1. **ALWAYS** use a Ground Fault Circuit Interrupter (GFCI) with a properly grounded outlet for all electrical cords, connections, and parts as installed by factory and DO NOT make any alterations.
2. **NEVER** use the machine in damp or wet conditions. Do not stand in water or on wet floors.
3. **NEVER** expose machine to rain.
4. **ALWAYS** disconnect the power cord from the electrical source before making any adjustments or changes to power units.
5. If an extension cord is used, the power source MUST be equipped with a Ground Fault Circuit Interrupter (GFCI) and properly grounded.
6. Only use 14/3 or larger three-wire extension cords.
7. When using an extension cord outdoors, only use those intended for outdoor use. (Indicated on cord by suffix "W-A" after cord type.)



DANGER!!! TO PREVENT SERIOUS BODILY INJURY AND TO AVOID DANGER FROM ROTATING CABLES AND EQUIPMENT:

1. **USE CAUTION AT ALL TIMES.** Cable can twist or kink and cause serious injury. Fingers or other body parts can be caught in rotating parts.
2. **NEVER** handle the rotating cable.
3. **NEVER** handle any cable under tension. Relieve all tension build up before attempting to handle cable.
4. **DO NOT** continue to operate machine when cleaning tool becomes stuck in an obstruction. **Excess torque on a cable could cause it to fracture.**
5. **NEVER** force a tool and cable into a pipeline blockage.
6. **ALWAYS** wear **HEAVY** leather gloves and safety glasses when operating machine.
7. Use correct tool for the job or applicaton. Check the tool listing for the correct tool and line size.
8. To maintain safe and efficient operation, thoroughly clean all cables with water after use. Acids in the drain and sewer lines attack and deteriorate the metal of the cables and tools.

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Tool Application:

Clears 1-1/4" through 2-1/2" diameter drain lines up to 25 Ft. Variable speed electric drill unit for sinks, laundry tubs and small drains.



Cables Available for the Model S:

1. **IC Cable:** Genuine galvanized aircraft wire inner core
 2. **EIC Expanded End Inner Core Cable:** Tighten down and break through tough clogs while resisting kinks
 3. **E Expanded End Cable:** Open kitchen and bath drains or go down vents
- ALL CABLES** Constructed of Certified Music Wire

Follow the steps below to operate the tool

Step	Action
1	The Drain Cleaner is equipped with a KEYLESS type chuck. To operate chuck, grasp the outer body of the chuck with your hand and twist it counterclockwise to OPEN : Twist clockwise to CLOSE .
2	HOW TO HOLD THE DRAIN CLEANER: Place one hand on the pistol grip handle at the rear of the tool and keep the other hand on the red hand guard at the front of the tool BEHIND the chuck. KEEP CLEAR of the rotating drum while tool is in operation.
3	TO START AND STOP DRAIN CLEANER: CAUTION: Make sure the TRIGGER SWITCH on tool is OFF . Make sure that you are plugging into a household 120 Volt Ground Fault Interrupted Circuit. Make sure cable is fully retracted into drum. Connect Drain Cleaner to power circuit. 1. Squeeze TRIGGER SWITCH to start motor. Release trigger switch to stop motor. The motor speed will increase the more the trigger switch is squeezed. 2. The REVERSING SWITCH is located above and in front of the trigger switch and changes direction of the cable. FORWARD rotation is used when feeding the cable into the drain and when removing cable from drain. REVERSE is ONLY used to free up the cable if it gets hung up.
4	ROTATION DIRECTIONS: 1. FORWARD rotation is used when feeding the cable into the drain and when removing cable from drain. REVERSE is ONLY used to free up the cable if it gets hung up. 2. FOR CLOCKWISE ROTATION release trigger switch and allow drum to stop rotating, push the reversing switch to the left side of the Drain Cleaner. 3. FOR COUNTERCLOCKWISE ROTATION release trigger switch and allow drum to stop rotating, push the reversing switch toward the right side of the Drain Cleaner. CAUTION: Allow drum to completely stop rotating before changing direction of rotation. NEVER attempt to change direction of rotation while switch is ON . You may damage the switch interlock feature.
5	INSERTING CABLE INTO DRAIN: 1. Make certain that the reversing switch is set for FORWARD rotation, and that the power source matches the voltage on the tool's specification plate. Connect Drain Cleaner to Ground Fault Circuit Interrupter power source. 2. Open chuck and pull out approximately one foot of cable. 3. Close chuck tightly. 4. Operate Drain Cleaner at low speed while slowly feeding cable into drum. NOTE: If cable binds, STOP the tool immediately. Set switch for reverse rotation. Operate motor slowly while pulling back lightly on the Drain Cleaner to free the cable. DO NOT operate the tool in reverse for extended periods. Extended reverse operation can damage the cable. 5. Continue to operate tool at low speed while repeating Steps 2 thru 4 to feed additional cable into the drain until the obstruction is cleared. 6. A continuous flush of water to clean tool, cable and sewer line as cable is retrieved is recommended.

OPERATOR'S MANUAL and MORE INFORMATION AVAILABLE AT: www.electriceel.com

Electric Eel®

Toll-Free: 800-833-1212