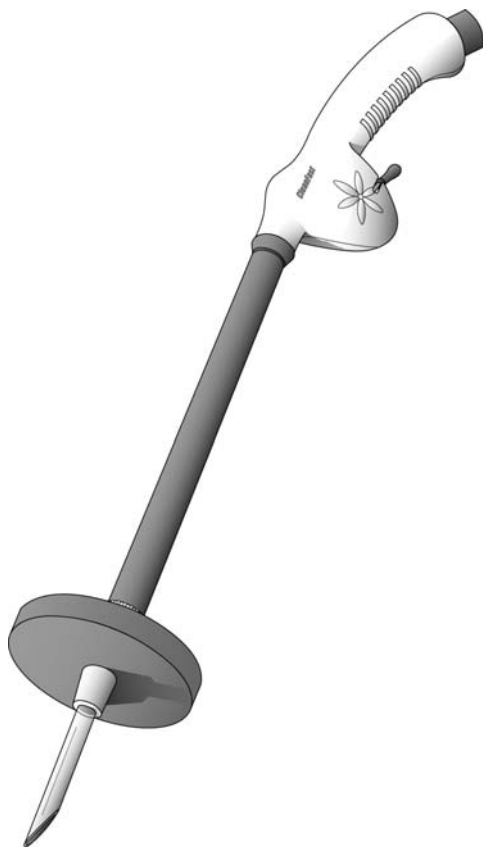


**CleanFast™**

MODEL CF-100

**E-Z Plunger**



**by Top Innovations, Inc.**

**Please read all instructions before use.**

**Dear Valued Customer,**

Congratulations on purchasing your new **CF-100 E-Z Plunger**. This capable product is designed to help you effectively unclog drains and remove odor-causing build-up from sink overflow basins, without the need to call a professional plumber.

Simply hook your **E-Z Plunger** up to a convenient faucet using the included adapters, and you are ready to use a high-pressure flow of ordinary tap water to blast away clogs from sinks, showers, tubs and toilets. Since **E-Z Plunger** relies on water, you need not worry about your pipes being eaten away by harsh drain-cleaning chemicals. It will also help eliminate clogs that other tools, such as drain snakes, may only partially clear. Best of all, the **E-Z Plunger** is capable of clearing out the nasty build-up that collects in the overflow basins of your sinks. This build-up is the source of the foul odors that plague so many bathrooms, but rest assured; **E-Z Plunger** can take care of this in no time.

Top Innovations, Inc. would like to invite you to visit our Customer Support Web site at:

**[www.topinnovations.com](http://www.topinnovations.com)**

On this Web site you will find additional information about many other exciting products that are available, as well as a number of helpful tips on ways in which you can utilize your **E-Z Plunger**!

Enjoy your new **CF-100 E-Z Plunger**!



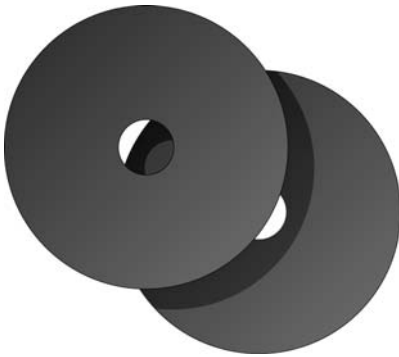
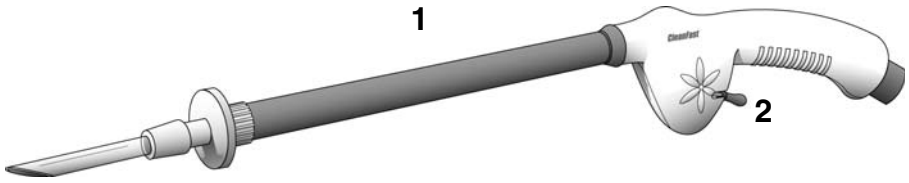
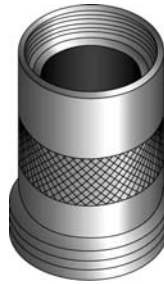
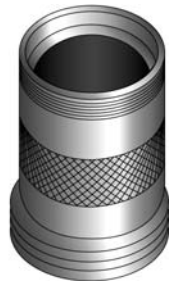
Benny Lee  
Chairman and CEO  
Top Innovations, Inc.

**READ ALL INSTRUCTIONS BEFORE USING YOUR E-Z PLUNGER**

1. When attaching a Faucet Adapter to the faucet head, carefully thread the adapter onto the head by hand, making sure that the threads are properly lined up. Doing this improperly may result in the threads of the Faucet Adapter being damaged.
2. When attaching a Faucet Adapter to the faucet head, **DO NOT** over-tighten it. If there is a small drip or stream of water from the connection between the Faucet Adapter and the faucet head, it is most likely due to a small imperfection in the threads of the faucet itself. In this case you may need to place a rag or cloth over the leak and continue using the E-Z Plunger. Over-tightening may result in damage to the faucet.
3. **DO NOT** use hot water. The E-Z Plunger is effective with cool or room temperature water. Very hot water could result in burn injuries to someone operating the E-Z Plunger.
4. Make sure that On/Off Flow Switch is set to “Off” position before turning E-Z Plunger on. Then use care to adjust the On/Off Flow Switch to the “On” position very slowly. This will allow the air pressure that has built up in the hose to be gradually released, and will prevent water from suddenly spraying in one large burst.
5. In order to prevent electrical shock and injury, do not use E-Z Plunger around electrical appliances that are plugged in.
6. Use caution when using E-Z Plunger in rooms with hardwood or tile floors. Some water may splash onto floor, and could cause slipping and fall related injuries. This could also cause damage to hardwood floors.
7. **DO NOT** force E-Z Plunger down into drains, as this may damage the nozzle tip. If water pressure from E-Z Plunger is not enough to dislodge blockages in drain, then it may be necessary to use another tool or get assistance from a licensed plumber.

**SAVE THESE INSTRUCTIONS!**  
**FOR HOUSEHOLD USE ONLY**

The following features and accessories are included with your E-Z Plunger. Carefully inspect packaging for all included parts and accessories. To obtain possible missing parts, refer to the **Customer Support** section on page 10 of this manual.

**3****4****5****6****7****8****UNIT FEATURES AND ACCESSORIES**

1. E-Z Plunger
2. On/Off Flow Switch
3. Splash Guards
4. Female Faucet Adapter
5. Male Faucet Adapter
6. 1.6mm Rubber Washer
7. 5mm Rubber Washer
8. Hose Connector Rubber Washer

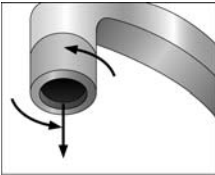
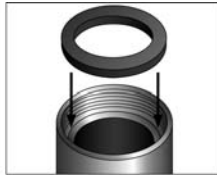
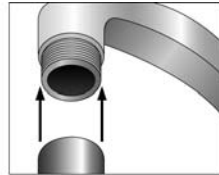
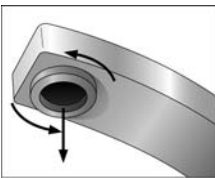
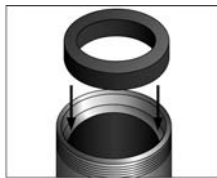
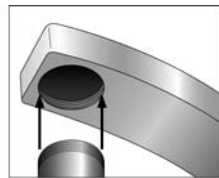
- The *E-Z Plunger* (1) is the main unit, which connects to most faucets via a hose and adapter, and uses ordinary tap water to create a high-pressure spray of water that helps clear clogs from drains and flushes build-up from sink overflow basins.
- The *On/Off Flow Switch* (2) controls the flow of water from the *E-Z Plunger*. The force of the water is adjustable - the farther the *On/Off Flow Switch* is moved in the “On” direction, the greater the water pressure will be.
- The *Splash Guard* (3) prevents water from splashing back, keeping potential messes to a minimum. 2 *Splash Guards* are included.
- The *Female Faucet Adapter* (4) is used to connect the *E-Z Plunger* to faucet heads with a male thread (the threads are on the outside).
- The *Male Faucet Adapter* (5) is used to connect the *E-Z Plunger* to faucet heads with a female thread (the threads are on the inside).
- The *1.6mm Rubber Washer* (6) is placed inside of the *Female Faucet Adapter* to ensure that the connection to the faucet is tight and sealed. This will prevent water leakage.
- The *5mm Rubber Washer* (7) is placed inside of the *Male Faucet Adapter* to ensure that the connection to the faucet is tight and sealed. This will prevent water leakage.
- The *Hose Connector Rubber Washer* (8) is placed inside of the hose connector on the end of the *E-Z Plunger* hose to ensure that the connection to the *Faucet Adapter* is tight and sealed. This will prevent water leakage.

**NOTE: The three rubber washers should come pre-installed in their respective places in the Faucet adapters and hose connector of your E-Z Plunger. If so, then you will not need to remove or install any washers as described in this manual, unless it becomes necessary later to replace one of the three washers with a new one.**

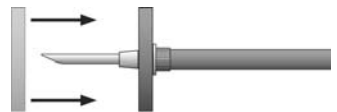
**PREPARING TO USE THE E-Z Plunger**

1. Locate faucet to which you will connect E-Z Plunger. Remove nozzle aerator and washer from faucet head by unscrewing as shown (FIGURE 1-A & FIGURE 1-B).
2. Select appropriate Faucet Adapter to fit into hole on end of faucet head. Use Female Faucet Adapter for faucets with an outside thread (A FIGURES) and Male Faucet Adapter for faucets with an inside thread (B FIGURES).
3. Place 1.6mm Rubber Washer into Female Faucet Adapter as shown (FIGURE 2-A), or alternatively, place 5mm Rubber Washer into Male Faucet Adapter as shown (FIGURE 2-B). This is only necessary if you are replacing a pre-installed Rubber Washer that has fallen out of a Faucet Adapter or become worn and ineffective. Now screw adapter onto faucet head (FIGURE 3-A & FIGURE 3-B).

**NOTE: The Faucet Adapters may not fit onto designer faucets. If you use a designer or non-standard faucet, we recommend taking the Faucet Adapters along with your faucet aerator to a hardware store, where you can receive assistance purchasing an appropriate converter. Alternatively, you may also connect the E-Z Plunger to a garden hose, which can be run from an outside or basement faucet.**

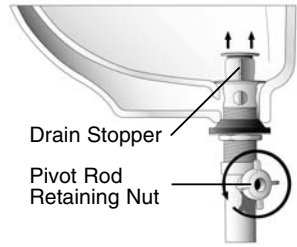
**FIGURE 1-A****FIGURE 2-A****FIGURE 3-A****FIGURE 1-B****FIGURE 2-B****FIGURE 3-B**

4. Make sure Hose Connector Rubber Washer is placed into hose connector on the end of E-Z Plunger hose, then attach hose connector to Faucet Adapter by screwing it onto adapter until tight.
5. Attach one Splash Guard. This is highly recommended to prevent splashing and to help create a tighter pressure seal around drains. To attach a Splash Guard, simply slide it over end of E-Z Plunger as shown (FIGURE 4) until it fits securely.

**FIGURE 4**

**FLUSHING BATHROOM SINKS**

1. Try removing sink drain stopper. If you are successful, proceed to **Step 2**. If not, then you will need to loosen pivot rod retaining nut. Loosen it with a pair of pliers, then finish unscrewing it by hand in a counter-clockwise direction. Only loosen it enough to remove drain stopper from drain (FIGURE 5). Once drain stopper is removed, re-tighten pivot rod retaining nut by hand.
2. Prepare E-Z Plunger for use (refer to procedure on page 6 of this manual).
3. Direct tip of E-Z Plunger nozzle into drain hole, through one of the overflow outlets (small holes located approximately one inch down into drain).
4. Turn faucet on, spraying water into overflow outlet and flushing out all build-up and residue. Control water pressure using Flow Switch and water faucet, **starting off with low pressure and adjusting it as needed**. Water will flow out of overflow inlet and back down drain (FIGURE 6). Continue spraying into each overflow outlet until water flowing out of overflow inlet becomes clear and residue-free.
5. Direct tip of E-Z Plunger nozzle into overflow inlet and begin spraying (FIGURE 7). Note that some sink overflow inlets may not be large enough to accommodate E-Z Plunger nozzle tip.
6. Direct tip of E-Z Plunger nozzle into sink drain and begin spraying (FIGURE 8). This will clear the drainpipe and flush out the trap.
7. Disconnect E-Z Plunger (refer to procedure on page 9 of this manual).
8. If you adjusted pivot rod retaining nut in **Step 1**, loosen it by hand now, adjusting pivot rod to allow drain stopper to fit back down into drain. Re-tighten pivot rod retaining nut completely using pliers. If you skipped ahead to **Step 2**, now simply re-insert drain stopper back into drain.



**FIGURE 5**



**FIGURE 6**



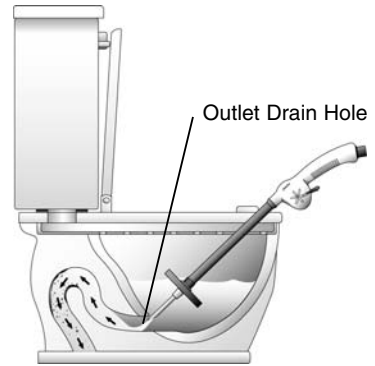
**FIGURE 7**



**FIGURE 8**

### FLUSHING CLOGGED TOILETS

1. Prepare E-Z Plunger for use (refer to procedure on page 6 of this manual).
2. Direct tip of E-Z Plunger nozzle into toilet bowl outlet drain hole.
3. Turn faucet on, spraying water into outlet drain hole. Control water pressure using On/Off Flow Switch and the water faucet, **starting off with low pressure and adjusting it as needed** (FIGURE 9). Continue spraying until blockage is cleared and toilet will properly flush again .
4. Disconnect E-Z Plunger (refer to procedure on page 9 of this manual).



**FIGURE 9**

**NOTE: E-Z Plunger will not be able to remove any large solid objects, such as pens or children's toys, that may be lodged in the toilet drain.**

### FLUSHING TUB AND SHOWER DRAINS

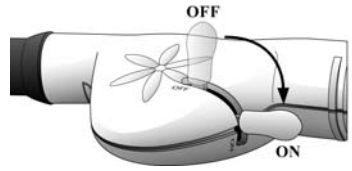
1. Prepare E-Z Plunger for use (refer to procedure on page 6 of this manual).
2. Remove drain cover from bathtub/shower drain. A screwdriver may be required to remove any screws or to pop up drain cover.
3. Remove drain stopper (bathtub only) by removing faceplate. Pull faceplate outward to pull drain stopper up and out.
4. Direct tip of E-Z Plunger nozzle into drain.
5. Turn faucet on, spraying water into drain. Control water pressure using On/Off Flow Switch and the water faucet, **starting off with low pressure and adjusting it as needed**. Continue spraying for 2-3 minutes, to ensure that drain is clear.
6. Disconnect E-Z Plunger (refer to procedure on page 9 of this manual), remembering to replace drain stopper and faceplate, and the drain cover.

### FLUSHING THE KITCHEN SINK

1. Prepare E-Z Plunger for use (refer to procedure on page 6 of this manual).
2. Remove strainer from kitchen sink.
3. Direct tip of E-Z Plunger nozzle into drain.
4. Turn faucet on, spraying water into drain hole. Control water pressure using On/Off Flow Switch and the water faucet, **starting off with low pressure and adjusting it as needed**. Continue spraying for 2-3 minutes, to ensure that drain is clear.
5. Disconnect E-Z Plunger (refer to procedure on page 9 of this manual), and replace drain cup (or cups).

## GENERAL TIPS FOR USING THE E-Z Plunger

1. Remember that the On/Off Flow Switch serves a purpose besides simply activating the flow of water. It also lets you adjust the force of the flow, with water pressure increasing the farther the switch is moved in the “On” direction (FIGURE 10). Always adjust the On/Off Flow Switch very slowly when first using the E-Z Plunger, to avoid spraying water.
2. Mixing a small amount of powdered dishwasher soap with warm water and pouring it down the drain of a sink or tub may help loosen materials clogging it. Likewise, a small amount of liquid soap may help break up materials clogging a toilet. This will make it much easier to clear out drainpipes.
3. To help keep your bathroom sinks clean and fresh-smelling, we recommend using the E-Z Plunger to clean out the overflow basin 2-3 times a year. This regular maintenance is not needed for toilet or tub drains, and it is only really necessary to flush them out when they are clogged or when you notice that water is draining very slowly.
4. If you use designer faucets to which the Faucet Adapters cannot be properly connected, or during times when there is inadequate water pressure, try hooking the E-Z Plunger up to a garden hose run from an outside or basement faucet.
5. Some faucet aerators may need to be loosened with pliers. If so, use care not to squeeze too hard, as this may result in damage and deformation of the aerator.



**FIGURE 10**

## DISCONNECTING THE E-Z Plunger

1. Once you are finished using E-Z Plunger, turn off water flow from faucet. Leave On/Off Flow Switch set to “On” position, and allow all water remaining in hose to drain out (holding E-Z Plunger and hose vertically helps to expedite this process). Once unit is drained, set On/Off Flow Switch to “Off” position.
2. Disconnect hose from Faucet Adapter, then remove Faucet Adapter from faucet head by unscrewing it. Replace faucet aerator and washer, making sure to replace them in exactly the same way as they were before you removed them.
3. Remove Splash Guard from unit and clean it using warm soapy water, then allow to dry. Store E-Z Plunger and all accessories in a convenient place.

<b>PROBLEM</b>	<b>POSSIBLE CAUSE</b>	<b>SOLUTION</b>
Hose is properly connected to a faucet, but unit does not produce any flow of water	Faucet is not turned on.	Turn faucet on.
	On/Off Flow Switch is not set to "On" position.	Set On/Off Flow Switch to "On" position.
	Hose or another part of E-Z Plunger water delivery system is blocked or damaged.	Immediately cease usage and contact our Customer Support Department for assistance.
	Faucet is not receiving any flow of water.	Make sure your home's water is functioning correctly, and inspect plumbing for any damage.
Water leaks or sprays from the Faucet Adapter / hose connection.	Faucet Adapter is not tightly sealed.	Tighten it further, but use care not to over-tighten.
	Rubber Washer is not sealing the connection.	Disconnect Faucet Adapter and make sure correct Rubber Washer is applied, and is still in good shape. Refer to page 6 of this manual for details.
	There is a small imperfection in the faucet threads.	Place a rag or cloth over the leak and continue.
Water leaks or sprays from another part of E-Z Plunger.	Unit is damaged or defective.	Immediately cease usage and contact our Customer Support Department for assistance.

**CUSTOMER SUPPORT**

For problems with your E-Z Plunger, please refer to the troubleshooting solutions located above. Additional inquiries should be directed to our Customer Support services through our Web site, [www.topinnovations.com](http://www.topinnovations.com), on the Service Request Web page.

If you do not have internet access, you may also contact our Customer Support department by telephone, at (800) 711-6617 or (816) 584-9700.



# ***CleanFast***<sup>™</sup>

**Top Innovations, Inc.**

400 N.W. Platte Valley Dr.

Riverside, MO 64150

Tel: (800) 711-6617

(816) 584-9700

**[www.topinnovations.com](http://www.topinnovations.com)**

[customerservice@topinnovations.com](mailto:customerservice@topinnovations.com)

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