LEW ELECTRIC FITTINGS COMPANY

PUFP-CT SERIES INSTALLATION GUIDE

It is highly recommended that in addition to reading the below installation instructions that the installation video is watched by visiting https://vimeo.com/lewelectric/pufpctkitchenpopup **before installation of the PUFP-CT series.**

PRIOR TO INSTALLATION:
1. To ensure compliance with local electric codes, please contact your local electrical inspector prior to installation
2. Do not install PUFP-CT prior to electrical inspector authorization.
3. Installation should only be done by a licensed and bonded electrical contractor.
4. All power must be turned off at its source prior to installation. Failure to do so may result in injury or death.
5. All non GFI PUFP-CT series must be connected to a GFCI circuit breaker. Failure to do so will increase the risk of injury.
6. If anytime water enters into the PUFP-CT, turn off power at its source and have the unit replaced by a licensed and bonded electrical contractor
7. LEW ELECTRIC ACCEPTS NO RESPONSIBILITY IF THE ABOVE CONDITIONS ARE NOT MET.

REQUIRED TOOLS:
-Construction Adhesive, Crimpling Pliers/ Wire Strippers, Philips Head Screw Driver, and Drill.

INSTALLATION (Part One):
1. Prior to installation, a professional granite cutter should cut a 4 1/16" x 4 1/16" hole in the desired location of the PUFP-CT.
2. Always use the supplied PUFP-WB stamped steel box
3. The tabs on the side of the PUFP-WB box must be attached to the BOTTOM of the countertop. Please note that the PUFP-CT will not work if the tabs are mounted on the top of the counter.
4. Apply construction adhesive on the top of the 2 tabs on the PUFP-WB box to secure the box to the bottom of the countertop (alternately wood blocks can be secured on the bottom of the counter so that you can install the box using 1 ½" wood screws.
5. Please note that the tabs can be moved to the lower set of holes on the PUFP-WB box to accommodate varying depths of counter top.
6. For best performance it is preferred to mount the box with the top edge sitting lower in the hole, which leaves more room for the inside of the box (see video).

WIRING

1. Once the box is secured to the bottom of the countertop, run wiring into the ½" knock out on the side of the box furthest away from the front of the countertop (preferred method). Alternately, if ¾" knockouts are needed, use the knockouts in the bottom of the box furthest away from the front of the counter. **If the knockouts are used closest to the front of the counter, the unit will not open.**

2. Only use 12 or 14 gauge stranded U.L. listed wire.

3. Strip the wires

4. Insert the stripped wire into the quick connect terminal box making sure that no striped wire is exposed.

5. Tighten the screws to secure the wires to the terminal block.

6. Excess wire should be pushed out of the box or made to be as flat as possible on the bottom of the PUFP-WB box. **Failure to push the wire out of the box or make it flat in the box will interfere with the opening mechanism and the unit will not be able to pop open.**

INSTALLATION (Part Two)

1. Place the PUFP-CT cover on top of the PUFP-WB box

2. Remove the protective film from the PUFP-CT cover and press the open tab on the PUFP-CT cover exposing the two mounting screw holes inside the cover.

3. Line up the two screw holes with the PUFP-CT cover and the PUFP-WB box and using the 2 provided screws, secure the cover to the box (do not over tighten as this may interfere with the opening mechanism of the box.)

4. To close the cover, press and hold the open tab while pressing down on the cover until you hear a click and the unit is locked into place.

5. Open and close the unit several times to make sure that the unit is opening properly and at the desired speed. All units are preset to the optimal functioning speed at the factory before they are shipped.

6. If the desired opening speed has not been achieved, remove the remove the PUFP-CT from the counter and turn the PUFP-CT cover upside down. Locate the tension screw and turn the screw to add or subtract the opening speed.

TROUBLE SHOOTING

SYMPTOM	RESOLUTION
Button does not work	Make sure that the tabs on the PUFP-WB box were installed underneath the counter. Turn off power at its source, take the PUFP-CT out of the box and make sure that no excess wires are interfering with the opening mechanism.
	Open the cover by pressing button and make sure that the mounting screws are not over tightened
	Turn power off at its source. Place the cover upside down, apply a small amount of WD-40 or similar lubricant to the bottom of button
Unit pops up too slow	Turn off power at its source, remove the PUFP-CT from the counter and turn the PUFP upside down.
	Locate the tension screw and turn the screw to add or subtract opening speed