



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://youtu.be/tEaQM25GRGg> before installation of the PUF-P-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 PUF-P-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 PUF-P-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 PUF-P-CT, turn off power at its source and have the unit replaced by a licensed and bonded electrical contractor

REQUIRED TOOLS:

-Construction Adhesive, Crimping 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 PUF-P-CT.
2. Always use the supplied PUF-P-WB stamped steel box
3. The tabs on the side of the PUF-P-WB box must be attached to the **BOTTOM** of the countertop. Please note that the PUF-P-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 PUF-P-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 1/2" wood screws.
5. Please note that the tabs can be moved to the lower set of holes on the PUF-P-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 1/2" knock out on the side of the box furthest away from the front of the countertop

(preferred method). Alternately, if 3/4" 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 PUF-P-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 PUF-P-CT cover on top of the PUF-P-WB box
2. Remove the protective film from the PUF-P-CT cover and press the open tab on the PUF-P-CT cover exposing the two mounting screw holes inside the cover.
3. Line up the two screw holes with the PUF-P-CT cover and the PUF-P-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 PUF-P-CT from the counter and turn the PUF-P-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	<p>Make sure that the tabs on the PUF-P-WB box were installed underneath the counter.</p> <p>Turn off power at its source, take the PUF-P-CT out of the box and make sure that no excess wires are interfering with the opening mechanism.</p> <p>Open the cover by pressing button and make sure that the mounting screws are not over tightened</p> <p>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</p>
Unit pops up too slow	<p>Turn off power at its source, remove the PUF-P-CT from the counter and turn the PUF-P upside down.</p> <p>Locate the tension screw and turn the screw to add or subtract opening speed</p>