

# Push Button Boost Timer Point-of-Use Control (PBT)

## Installation and Operation Manual: EV Premium/SL70



### OPERATION

The Push Button Boost Timer (PBT) point-of-use control with indicator light is compatible with RenewAire Energy Recovery Ventilator (ERV) models EV Premium and SL70. The PBT will operate your ERV for either 20, 40, or 60 minutes based upon how many times the logo button has been pushed. The indicator light on the front of the PBT control is on whenever the ERV is operating, unless operating due to an additional control wired directly to your ERV.

#### 20-40-60 MINUTE VENTILATION CONTROL:

Press the logo and your ventilator will run for 20 minutes. Press again and the unit will run 40 minutes. A third press provides for 60 minutes of operation.

You can cancel a cycle at anytime. Just press the logo for a fourth time.

You can start another cycle by pressing the logo.



**NOTE:**  
For ERV  
systems

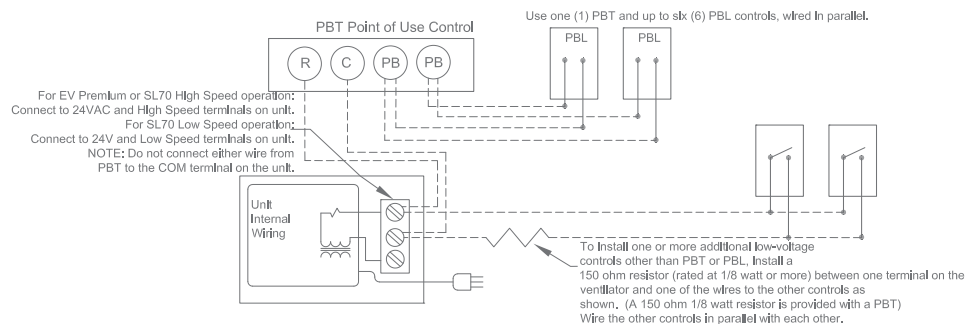
with more than  
one control:

Another control  
other than the  
push button  
may be causing  
your ventilator to  
run. If you wish  
to keep your  
ventilator from  
running, check  
that none of  
your controls are  
calling for unit  
operation.

### INSTALLATION

- To hook the PBT up to the unit, expose the ends of two wires, and push one into the 'R' terminal and one into the 'C' terminal.  
**Wire Size:** 18–22 gauge, no more than 500 feet. Wiring is non-polar.
- Install control in a standard 2" x 4" electrical box, with a minimum depth of 1.5", with the two screws provided.
- To add a PBL Control, two wires should be attached to the 'PB' positions on the terminal block on the back of the PBT. Connect 'PB' wires in a similar fashion as 'R' and 'C' terminal wires.
- For two PBL controls, one wire from each can be twisted together and inserted into a single position on the terminal block on the PBT. The wires must be a maximum 18 gauge solid wire. If more than two PBL controls are attached or 18 gauge stranded wire is used, then pigtailed must be inserted into the 'PB' positions on the PBT and the leads attached to the pigtailed with wire nuts.
- Use Lutron Decora™ cover plate to complete installation (single cover plate included).

### WIRING DIAGRAM



**\* EXCEPT WHEN ERV IS OPERATING DUE TO AN ADDITIONAL CONTROL WIRED DIRECTLY TO THE UNIT.**