



ADVANCING VENTILATION®

Push Button Boost Timer Point-of-Use Control (SPBT)

Installation and Operation Manual: TRe200/TRe300/TRLPe100/TRLPe100c



OPERATION

The Push Button Boost Timer (SPBT) point-of-use control with indicator light is compatible with Soler and Palau Energy Recovery Ventilator (ERV) models TRe200/ TRe300 and TRLPe100/TRLPe100c. The SPBT 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 SPBT 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.

INSTALLATION

1. To hook the SPBT up to the unit, attach two wires to the 'R' and 'C' terminals. Tighten down the screws being careful not to over-tighten. Wire Size: 18–22 gauge, no more than 500 feet. Wiring is non-polar.
2. Install control in a standard 2" x 4" electrical box, with a minimum depth of 1.5", with the two screws provided.
3. To add a SPBL Control, two wires should be attached to the 'PB' positions on the terminal block on the back of the SPBT.
4. For two SPBL controls, one wire from each can be twisted together and inserted into a single position on the terminal block on the SPBT. The wires must be a maximum 18 gauge solid wire. If more than two SPBL controls are attached or 18 gauge stranded wire is used, then pigtails must be inserted into the 'PB' positions on the SPBT and the leads attached to the pigtails with wire nuts.
5. Use Lutron Decora™ cover plate to complete installation (single cover plate included).

WIRING DIAGRAM

For TRe or TRLPe100(C) High Speed operation:
Connect to 24VAC and High Speed terminals on unit.

For TRLPe100(C) Low Speed operation:
Connect to 24V and Low Speed terminals on unit.
NOTE: Do not connect either wire from SPBT to the COM terminal on the unit.

