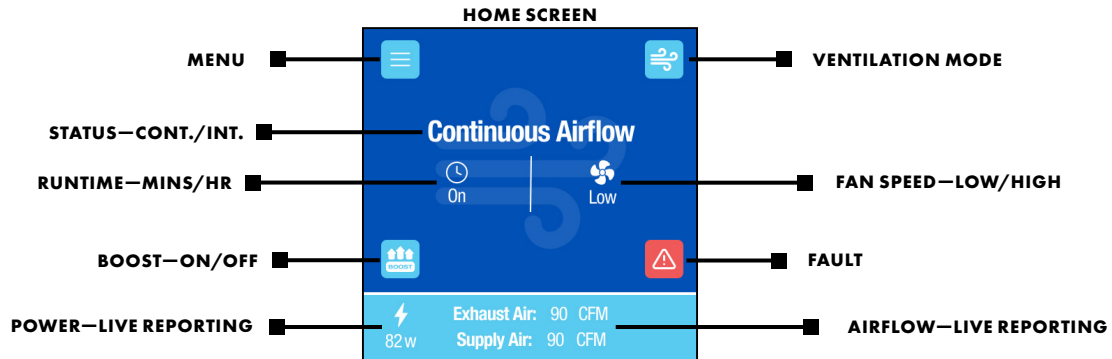


Advanced S&P ERV Controller

ERVC+

Easy Operational Guide for TReN Series



GETTING TO KNOW YOUR HOME SCREEN

- MENU**—Takes you to further navigation menus for unit setup, screen settings, and software versions
- STATUS**—Active display containing Continuous, Intermittent, Standby, or Off
- RUNTIME**—Active display containing 10-60 min/hr, External Signal, or blank (indicating fans are idle/off)
- BOOST**—Directed to the Boost Mode Timer screen to select a duration for the unit to run in high speed
- POWER**—Live reporting of total fan power
- VENTILATION MODE**—Directed to the Ventilation Mode screen to control the active airstream(s)
- FAN SPEED**—Active display containing Low, High, or blank (indicating fans are idle/off)
- FAULT**—Directed to any of the below faults if applicable, if no symbol is present then there are no faults
- AIRFLOW**—Live reporting of each airstream’s airflow

To comply with the requirements of California FID, use this controller with either of the following ERV models: TReN90, TReN90H, TReN200, TReN200H

VENTILATION MODE EXPLAINED

- Soler & Palau recommends using the default mode of both supply and exhaust active as the setup ventilation mode.
- Standby mode results in both supply and exhaust airstreams idling, so there is no active ventilation. While in standby mode, when ventilation is activated by any control (e.g. boost mode on the touchscreen or by a countdown timer in the bathroom), only the exhaust fan will be activated. This mode is primarily a temporary one for when outside air conditions deteriorate, for example with high levels of PM2.5 from wildfires, but bathroom exhaust ventilation is achieved with the ERV.

FAULT	POSSIBLE CAUSE	FAULT CLEARING
Filter fault	Filter replacement is passed the recommended replacement period	1. Tap onscreen button 2. Press button on ERV terminal block
Airflow low SA/EA	Check for a clogged filter, clogged enthalpic core, duct obstructions, vent grille obstructions, or ducting static pressure too high	1. Tap onscreen button 2. Auto clear in 10s once acceptable conditions re-established
Motor RPM low SA/EA	Check for wire connection interrupted or shorted, physical restriction, or a software glitch	1. Cycle unit power
Communication fault	Check for wire connection at termination loose, disconnected, or broken, damaged wires, or software glitch	1. Cycle unit power 2. Auto clear when communication re-established