



TReEG110

Three-duct ERV with Single-point Exhaust



OVERVIEW

This energy recovery ventilator (ERV) is **low-profile, fits between most ceiling joists or ceiling cavity, and incorporates high-efficiency EC motorized impellers**. The ERV allows selection of a preprogrammed quick-select or a variable airflow setpoint for easy installation and setup. Accessories include MERV 13 filter for incoming outside air and control timers to further enhance indoor air quality (IAQ).

MODEL NUMBER	TReEG110	
ELECTRICAL SUPPLY	120V/60Hz Hard-wired*	
VARIABLE AIRFLOW SETPOINT RANGE	25–130 CFM	
QUICK-SELECT AIRFLOW SETPOINT	Minimum Exhaust of 30, 40, or 50 CFM	
SPEEDS	Single	
EC MOTORIZED IMPELLERS	Yes	
CONNECTIONS	Three 5" Oval Collars	
SWAPPABLE AIRSTREAMS	No	
UNIT DIMENSIONS	17" L x 11 7/8" W x 11 3/4" H	
GRILLE DIMENSIONS	20" L x 17" W x 1" H	
WEIGHT	17 lbs.	
MOUNT	Built-in Mounting Flanges	
FILTER	MERV 7, MERV 13 (Outside Air MERV 13 Available)	
WARRANTY	Core: 10-year, Unit: 5-year	
FAN EFFICIENCY	2.4 CFM/watt at 57 CFM	
EXAMPLE RATING**	61% SRE at 34 CFM	
CERTIFICATIONS		

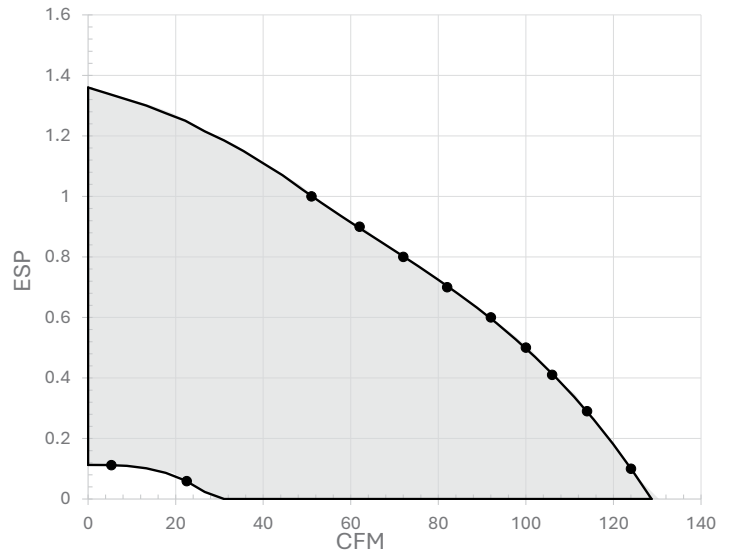
* Electrical power to be hard-wired in field by a licensed contractor.

** For all rating points, please refer to the HVI website certified products directory. HVI rating point 32°F.

EC MOTORIZED IMPELLER OPERATING RANGE AND CORE PERFORMANCE

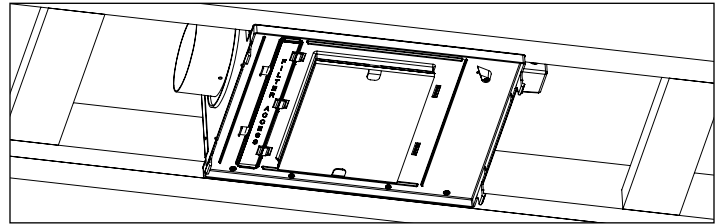
● = Actual tested sample points

| = Operating curves, airflow is held constant as static pressure varies

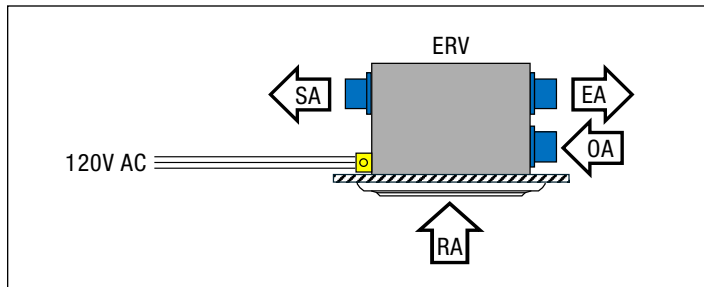


INSTALLATION

- ◆ Integrated mounting flanges for ceiling/floor joist installation
- ◆ Three 5" oval duct collars for easy duct connections
- ◆ Easy installation for stand-alone applications or supply air can be ducted into HVAC system ducts

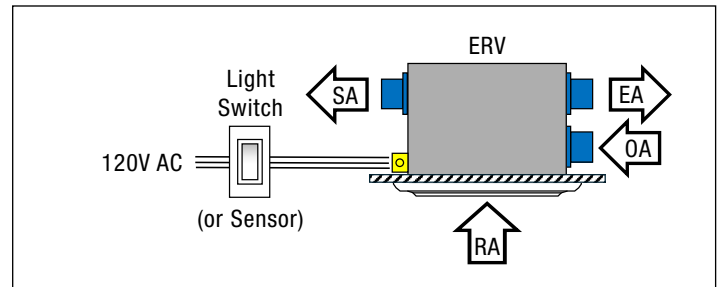


CONTROL STRATEGIES

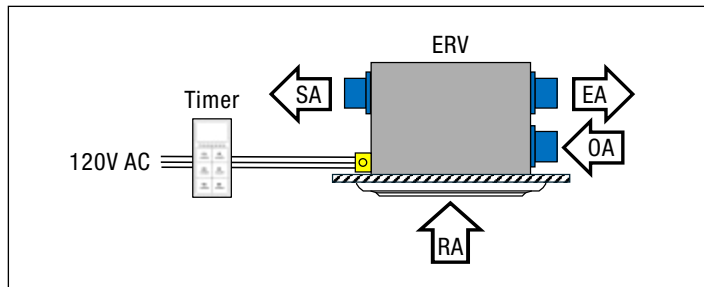


CONTINUOUS AIRFLOW (NO CONTROLS)*

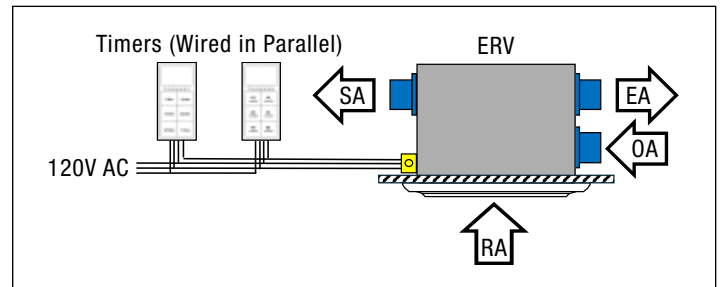
*CODE MAY REQUIRE SWITCH/DISCONNECT TO CUT POWER TO UNIT



INTERMITTENT AIRFLOW VIA MANUAL SWITCH OR SENSOR



ADJUSTABLE CONTINUOUS/INTERMITTENT VIA PERCENT OF HOUR TIMER OR COUNTDOWN TIMER



ADJUSTABLE CONTINUOUS/INTERMITTENT VIA PERCENT OF HOUR TIMER AND COUNTDOWN TIMERS