

TRANE FRESH-EFFECTS™ ENERGY RECOVERY VENTILATOR (ERV)

Trane-ability

- ≡ Advanced whole-house air ventilation technology
- ≡ Replaces stale indoor air with fresh air from the outside
- ≡ Recovers heat and moisture from exchanged air for enhanced energy efficiency and comfort
- ≡ No condensate drain line required
- ≡ Attractive design and “appliance-like” finish complements other Trane systems

Install-ability

- ≡ TRANE’s innovative FreshEffects™ System Integration Analyzer helps you pinpoint the ideal FreshEffects™ model and determine the minimum ventilation required, quickly and easily
- ≡ Can be installed in conditioned and unconditioned spaces
- ≡ May be easily suspended, mounted to walls or roof rafters
- ≡ Installs in less time than most energy recovery ventilators – no condensate drain or balancing dampers required
- ≡ Suitable for homes, condos and apartments

Service-ability

- ≡ Quick release latches and removable access door provides easy access to interior components
- ≡ Filter simply slides in and out – no tools needed

Performance-ability

- ≡ Permanently lubricated bearings for longer motor life
- ≡ High efficiency heat transfer core transfers both sensible heat and moisture
- ≡ Adjustable Percent Timer Control (included) provides minimum required ventilation round-the-clock and may be used to provide extra ventilation as desired

Rely-ability

- ≡ The reliable, trouble-free operation you’ve come to expect from Trane
- ≡ Covered by Trane’s industry-leading warranties



It's Hard To Stop A Trane.®

TRANE LIMITED WARRANTY
10-year heat transfer core
5-year functional parts



214.340.4999

NOW ENERGY-EFFICIENT HOMES CAN ALSO BE FRESH-AIR HEALTHY.

Energy-efficient home construction has resulted in increasingly “tight” homes — structures that reduce the amount of fresh air exchanged through cracks around doors, windows and other openings in walls, ceilings and roofs. When odors, chemical vapors and naturally occurring gases like CO₂ are locked in, indoor air becomes stale, creating a less comfortable and less healthy living environment. TRANE FreshEffects™ Energy Recovery Ventilators (ERV) provide **whole-house fresh air ventilation** year round by

exhausting stale indoor air and bringing in an equal amount of **fresh outdoor air**. Plus, they **transfer both heat and moisture** from the exchanged air for enhanced energy efficiency and comfort. TRANE FreshEffects™ **can be installed virtually anywhere**, with no need for a condensate drain line, balancing dampers or electric heat. That means **easy installation** for you, and reliable, trouble-free operation for you. Just the kind of quality you’d expect from Trane.

Better indoor air

Provides incoming fresh air to improve indoor air quality year round.

Enhanced comfort

Transfers heat and moisture from the air providing enhanced comfort and energy efficiency.

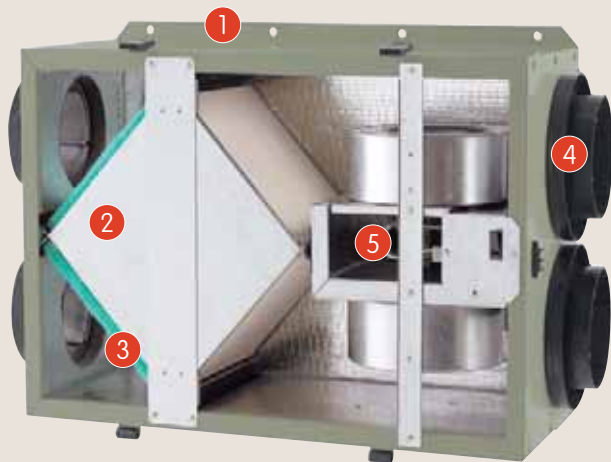
Reliable performance

10-year limited warranty on the high performance energy core and 5-year limited warranty on all functional parts.

Durable construction

Designed and built for long life using high quality materials and reliable Trane technology.

TRANE FRESH EFFECTS™ – THE DIFFERENCE IS LIKE A BREATH OF FRESH AIR



Features and components may vary by model and are shown for illustration purposes only.

1 Multi-Position Mounting

TRANE FreshEffects™ can be mounted in conditioned or unconditioned spaces, in virtually any position.

2 High Efficiency Crossflow Energy Transfer Core

Efficiently transfers heat and moisture to precondition fresh outdoor air for enhanced indoor comfort. Provides up to 84% apparent sensible effectiveness and 59% total recovery efficiency.

3 Slide-Out Filter

A durable 1" polyester filter that's easily accessed for cleaning and maintenance.

4 Duct Collars

Insulated flex or insulated metal duct can be quickly attached to duct collars.

5 High-Performance Fan Motor

Permanently lubricated to minimize maintenance and extend the motor's life.

6 Percent Timer Control

Meets desired minimum ventilation needs. Ships with unit as a standard feature.

Innovative Passive Defrost System

No recirculation dampers or electric heat required for ventilation in virtually any climate.



Use the FreshEffects™ System Integration Analyzer to select the model that meets your needs.

	TERVR100	TERVR200	TERVR300
NOMINAL AIRFLOW	130 CFM	200 CFM	300 CFM
HEAT EXCHANGER	Static Enthalpic Core Transfers Heat & Moisture	Static Enthalpic Core Transfers Heat & Moisture	Static Enthalpic Core Transfers Heat & Moisture
ELECTRICAL V/Hz/Phase	120/1/60	120/1/60	120/1/60
DUCT CONNECTION	6"- 8" Insulating Dbl. Collar	6"- 8" Insulating Dbl. Collar	8" Compatible Round
H X W X D	20" x 29" x 13"	22" x 32" x 29"	22" x 32" x 29"
APPARENT SENSIBLE EFFECTIVENESS	80% @ 120 CFM	84% @ 128 CFM	73% @ 251 CFM
SENSIBLE RECOVERY EFFICIENCY (HEATING)	72% @ 120 CFM	77% @ 128 CFM	64% @ 251 CFM
LATENT RECOVERY/MOISTURE TRANSFER	.44 @ 120 CFM	.63 @ 128 CFM	.40 @ 251 CFM
TOTAL RECOVERY EFFICIENCY (COOLING)	51% @ 63 CFM	59% @ 63 CFM	31% @ 252 CFM



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