

## A REVOLUTION IN CLEAN AIR TECHNOLOGY



TRANE CleanEffects™  
whole house air filtration system

### 1 Pre-Filter

Traps large airborne particles and extends the time between cleaning the collection cells

### 2 Field Charger

Facilitates up to 99.98% cleaning effectiveness by charging harmful airborne contaminants so they are attracted to an oppositely charged collection cell

### 3 Reusable Collection Cells

Precision engineered to trap particles down to .1 microns in size. Vacuuming is all it takes to make the collection cells like new again.

### 4 Painted Sheet Metal Cabinet

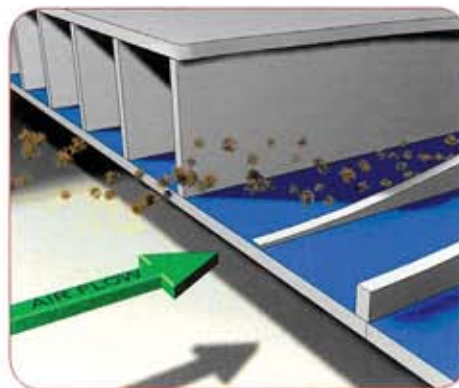
Constructed of heavy 18-gauge metal to protect the filter and internal electronics.

### 5 Power Door

Provides easy access to internal components. Features a filter status display as well as safety interlocks that automatically shut down the power when the door is opened for maintenance or cleaning.

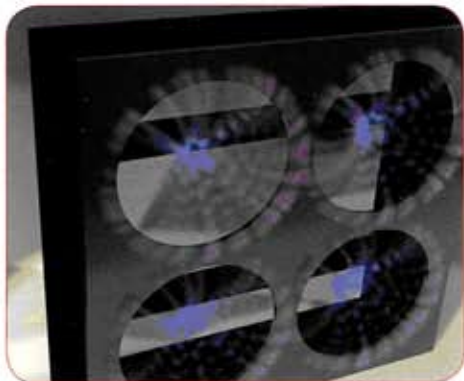
## Superior technology

TRANE CleanEffects is built using patented technology called iFD or Intense Field Dielectric which charges particles moving through the air stream far better than the electronic air cleaners of the past. Drawing power from the indoor transformer, the system creates a very high-voltage corona field over holes through which incoming air must pass. Since the air passes through many small, strong electrical fields, rather than over a single charged metal wire or plate, more airborne particles are charged and more particles are collected. As a result, TRANE CleanEffects can remove particles from the air that would normally pass right through traditional electronic air cleaners.



The collection cell traps microscopic particles down to .1 microns.

Even the collection element is groundbreaking. Each layer is only 0.08 inches apart, with alternating charges, which makes for a stronger, more effective collection field. The TRANE CleanEffects element generates this field without the arcing and popping of a traditional electronic air cleaner. What's more, the TRANE CleanEffects element has 8 times the collection surface of a standard electronic air cleaner.



The high-voltage corona field charges harmful airborne contaminants so they are attracted to an oppositely charged collection cell.

TRANE CleanEffects™ upgrade kits are easy to install and in most cases can be installed in less than 30 minutes.

