



## EnviroFresh® Plus

*Air quality systems for public transport applications*



# EnviroFresh® Plus

*More than just an air freshener.*

The EnviroFresh Plus Air Quality System provides customers with an option to reduce the risk of contracting airborne contaminants present in today's environment. At this critical time we need all the protection we can get to reduce the risk of contracting any airborne or infectious contaminants that could compromise the immune system. An already compromised immune system can have a dramatic effect when a more serious viral infection is contracted.

## The EnviroFresh Plus Air Quality System provides unique properties to provide a safer environment for riders through improved air quality:

- Formulated ingredients control odors and provide anti-bacterial protection to sanitize the circulated air in the passenger cabin.
- The formula is **100% effective** against Staph and Strep bacteria growth and **90% effective** against E. coli and Salmonella — common bacteria found in public transportation vehicles.
- It also contains other essential oils such as limonene and oil eucalyptus that provide holistic benefits because of their natural anti-inflammatory, antiseptic, and decongestant properties.

## The EnviroFresh Plus Air Quality System provides unique features such as:

Feature	Benefit
Environmentally safe.....	Meets Federal Motor Vehicle Safety standards
Timed release distribution.....	Aromatic spray is released at predetermined adjustable intervals ensuring the amount of product dispensed is always matched to the volume of air available in the passenger cabin.
Surface protection.....	Aromatic spray provides protection on surfaces within the passenger space for added protection.
Anti-bacterial disinfectant.....	100% effective against Staph and Strep bacteria growth and 90% effective against E. coli and Salmonella
Prevents odor and mold build-up on HVAC coils.....	Reduces coil cleaning — no lingering odor build up
Pretreated air circulation.....	Spray is discharged into the air return or air discharge compartment of the vehicles HV or HVAC, treating the air prior to re-entering the passenger space
Programmable electronic controls.....	Easy to set up and adjust for your application
Neutralizes odor-causing microbes.....	Eliminates source of odors — doesn't just mask them
Aromatherapy for drivers and passengers.....	Pleasing scents help promote calmness
Subtle, pleasing scent.....	No strong perfume or chemical smells — in public tests, 55% of surveyed passengers noticed nothing except a clean bus smell

## Customers agree its all about creating a *safer* and more *comfortable environment*.

### Garage Managers

*"Everyone likes it - no customer complaints like we sometimes get from scented cleaning solutions."*

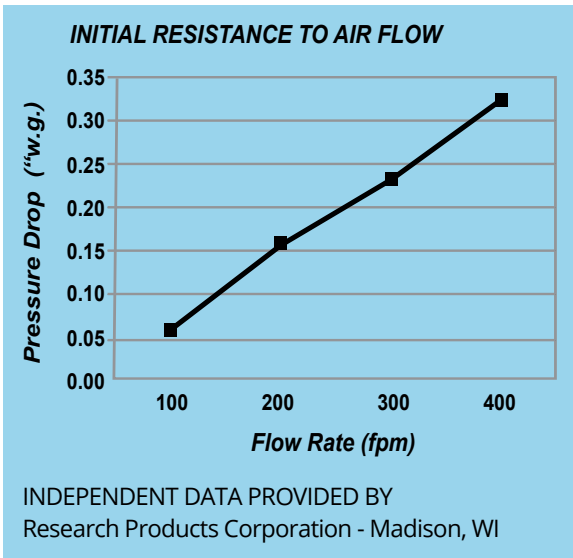
### Bus Drivers

*"I didn't know it was even there... I thought they were just cleaning the buses better."*

# The “Plus” Side of EnviroFresh:

## Double Protection: Treats the air and cleans it.

The Dacron filter provides two layers of protection; the ability to capture extremely small particles and high contaminant holding capabilities within the filter.



Independent Test data	Unit	ASHRAE 52.1	ASHRAE 52.2
Rated Air Flow	cfm	1200	1180
Initial Resistance (AP)	"w.g.	.24	.23
Average Efficiency*	%	20+	-
Dust Holding Capacity*	grams @ "w.g.	189	-
MERV Rating**	-	-	MERV 7

\*24" X 24" filter tested per ASHRAE 52.1-1992 \*\*24" X 24" filter tested per ASHRAE 52.2, Test Aerosol KCl, Neutralized

At a MERV 7\*\* rating, the Dacron filter provides superior filtration without sacrificing longevity.

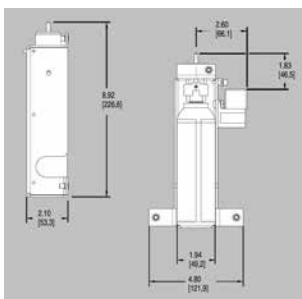
**\*\*Filters rated between MERV 7- MERV 13 are as close to a true HEPA as possible without the additional cost.**

## Compounds Present in Laboratory Ambient Air Tests\*

Detected Compound	Sample NO. 1	Sample NO. 2	Notes
Nitrogen	80%	80%	Usual ambient air concentration
Oxygen	20%	19%	Usual ambient air concentration
Carbon Dioxide	0.11%	0.072%	Usual ambient air concentration
Compound 1	370 ppmv	380 ppmv	EnviroFresh proprietary active ingredient
Compound 2	300 ppmv	320 ppmv	EnviroFresh proprietary active ingredient
Compound 3	99 ppmv	89 ppmv	EnviroFresh proprietary active ingredient
Compound 4	44 ppmv	46 ppmv	EnviroFresh proprietary active ingredient
Compound 5	42 ppmv	46 ppmv	EnviroFresh proprietary active ingredient

ppmv=parts per million, dry basis

\*This test illustrates that the active ingredients are present in sufficient quantities to be effective when the solution stands in an open space with no additional air movement. All tests performed according to AOAC (Association of Official Analytical Chemists) 961.02 standards



This product includes the Transcents air quality enhancement system

U.S. Patent 6,264,548

MSDS Available upon request

Assembly weight 2.7 lbs. with full bottle

**The Thermo King EnviroFresh Plus Air Quality System is available as an option on all new production units and can be retrofitted to existing Thermo King HVAC systems in your fleet. Contact your local Thermo King representative or call 952-887-2226 for more information.**



Thermo King – by Trane Technologies (NYSE: TT), a global climate innovator – is a worldwide leader in sustainable transport temperature control solutions. Thermo King has been providing transport temperature control solutions for a variety of applications, including trailers, truck bodies, buses, air, shipboard containers and railway cars since 1938. For more information, visit [thermoking.com](http://thermoking.com) or [tranetechnologies.com](http://tranetechnologies.com).

