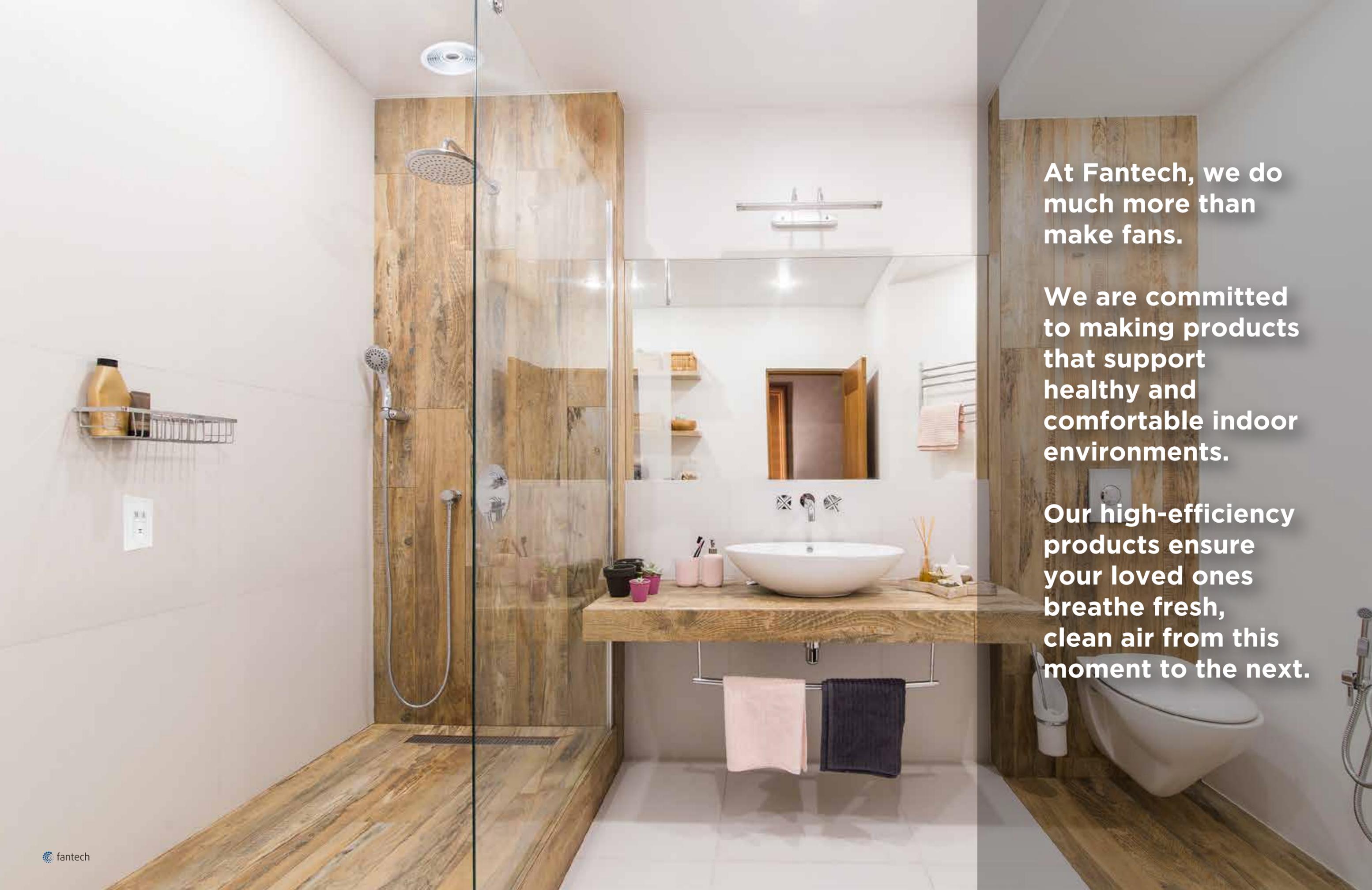


Ventilation Solutions 2023





At Fantech, we do much more than make fans.

We are committed to making products that support healthy and comfortable indoor environments.

Our high-efficiency products ensure your loved ones breathe fresh, clean air from this moment to the next.

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“

At Fantech, we're not just building fans, we're building solutions and opportunities for a healthier, safer tomorrow.

Help us help YOU!



Don't be shy!

Fantech now offers the ability to register products for exciting perks and benefits.

Register your products in minutes

registration.fantech.app

Registering your product helps Fantech continue improving future product offerings and your customer experience.

Fresh Air

Thanks to space-age technology, your home can keep inside in and outside out more efficiently than ever before. But locking the fresh air out is a bad idea.

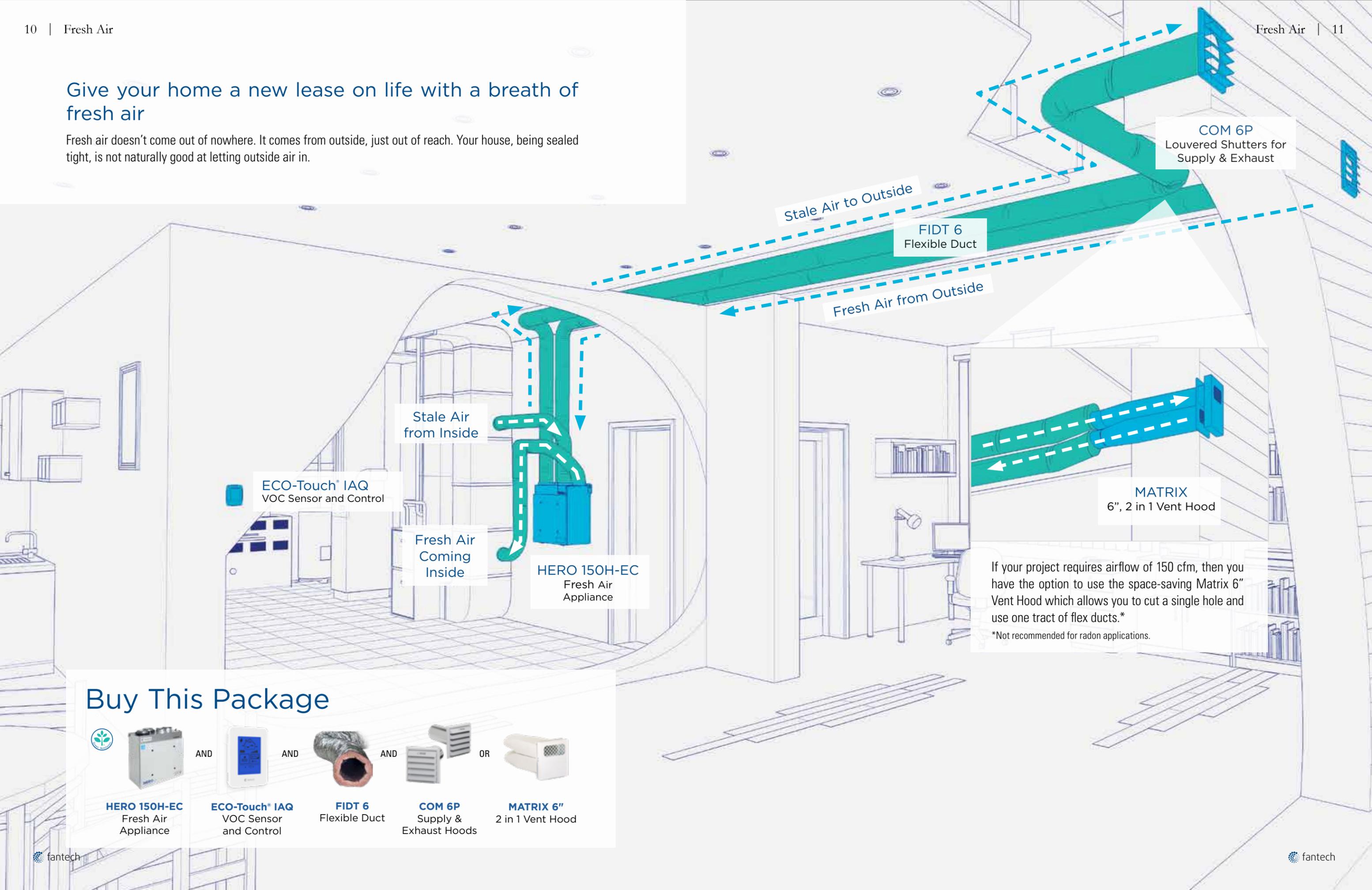
A fresh air appliance by Fantech will allow you to bring it all in without sacrificing the energy your home worked so hard to produce.



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Give your home a new lease on life with a breath of fresh air

Fresh air doesn't come out of nowhere. It comes from outside, just out of reach. Your house, being sealed tight, is not naturally good at letting outside air in.



ECO-Touch® IAQ
VOC Sensor and Control

Stale Air
from Inside

Fresh Air
Coming
Inside

HERO 150H-EC
Fresh Air
Appliance

Stale Air to Outside

FIDT 6
Flexible Duct

Fresh Air from Outside

COM 6P
Louvered Shutters for
Supply & Exhaust

MATRIX
6", 2 in 1 Vent Hood

If your project requires airflow of 150 cfm, then you have the option to use the space-saving Matrix 6" Vent Hood which allows you to cut a single hole and use one tract of flex ducts.*

*Not recommended for radon applications.

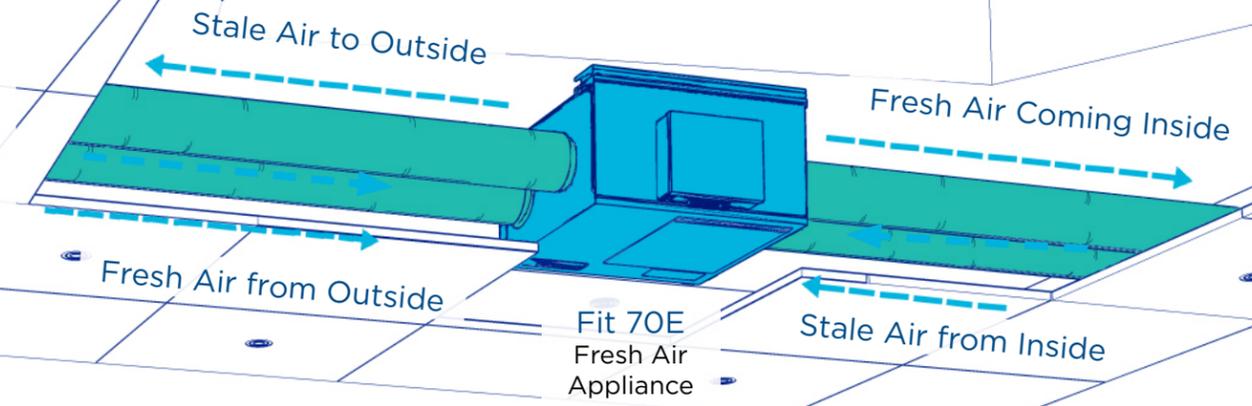
Buy This Package

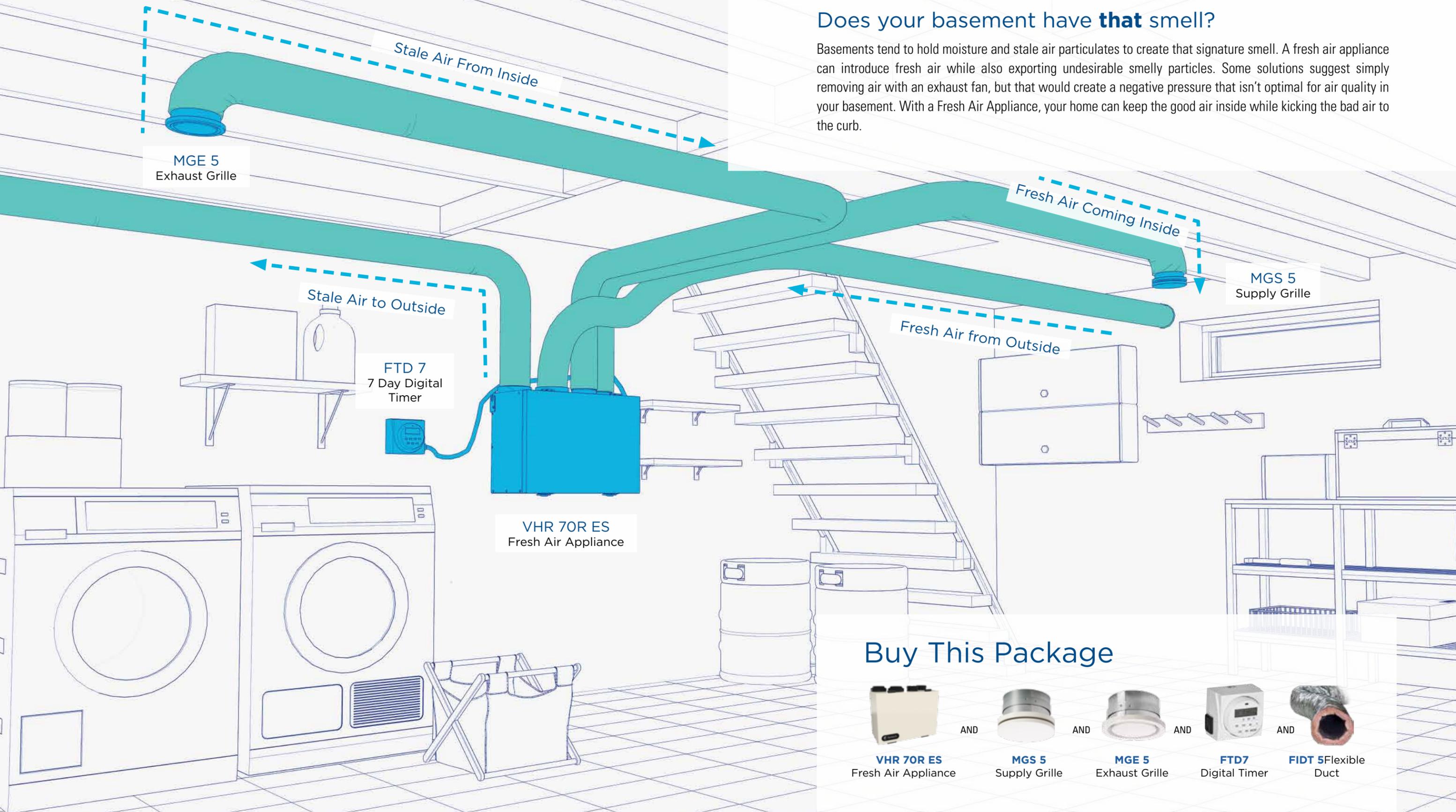

 AND
 
 AND
 
 AND
 
 OR
 

HERO 150H-EC
Fresh Air Appliance
 ECO-Touch® IAQ
VOC Sensor and Control
 FIDT 6
Flexible Duct
 COM 6P
Supply & Exhaust Hoods
 MATRIX 6"
2 in 1 Vent Hood

Location, Location, Location

What a condo lacks in square footage, it usually makes up for in proximity to what city life has to offer. But don't let the limited square footage limit your condo's capacity for fresh air. A Fit 120H by Fantech allows you get the best of both worlds thanks to its compact, accessible design.





Does your basement have **that** smell?

Basements tend to hold moisture and stale air particulates to create that signature smell. A fresh air appliance can introduce fresh air while also exporting undesirable smelly particles. Some solutions suggest simply removing air with an exhaust fan, but that would create a negative pressure that isn't optimal for air quality in your basement. With a Fresh Air Appliance, your home can keep the good air inside while kicking the bad air to the curb.

Buy This Package

- 
VHR 70R ES
 Fresh Air Appliance
- AND
- 
MGS 5
 Supply Grille
- AND
- 
MGE 5
 Exhaust Grille
- AND
- 
FTD 7
 Digital Timer
- AND
- 
FIDT 5 Flexible
 Duct



Summer Fun Year Round

How to keep the summer breeze blowing no matter how cold.

An indoor pool has its perks, but your structure isn't used to keeping summer humidity all year. Especially when the windows are closed for the winter. A light commercial Fresh Air Appliance can be the perfect solution for keeping your indoor pool ventilated with fresh air while the nip of winter is at your door.



Buy This Package


 AND
 
 AND
 

SHR 1400
Fresh Air Appliance

ECO-Touch® IAQ
VOC Sensor
and Control

BPM 08-24P
Bypass Damper

Fresh Air that Never Ends

An infinity pool might let you swim forever, but the same can't be said about the air circulating. Water is the enemy in any building, so a pool needs special attention to protect the room surrounding it. Humidity is constantly evaporating from the pool and bogs down the air in your facility with excess humidity. A commercial heat recovery ventilator (HRV) can mitigate humidity while conserving energy.



Buy This Package


 AND
 
 AND
 

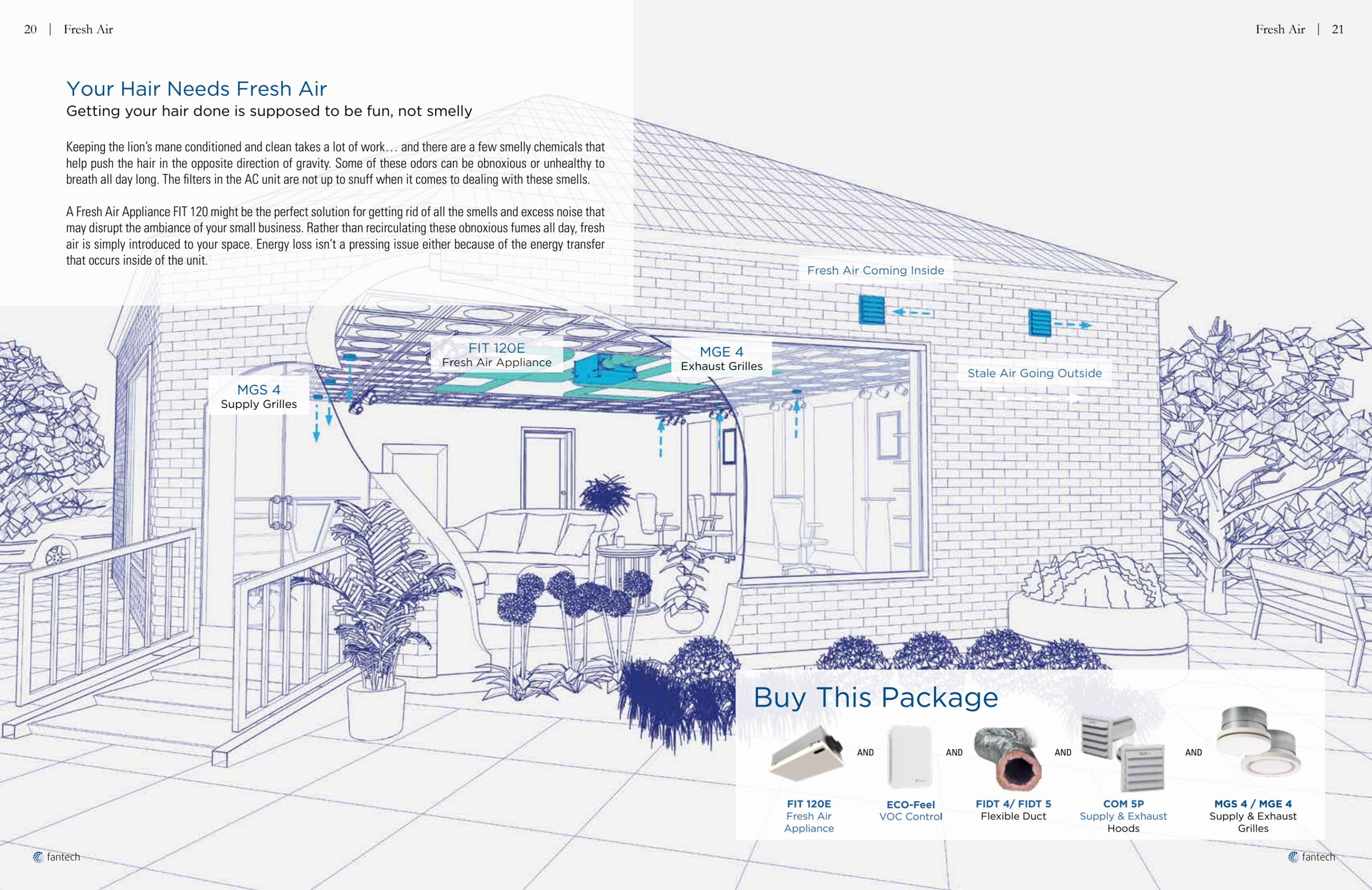
SHR 450
Fresh Air Appliance
 ECO-Touch® IAQ
VOC Sensor and Control
 BPM 08-14
Bypass Damper

Your Hair Needs Fresh Air

Getting your hair done is supposed to be fun, not smelly

Keeping the lion's mane conditioned and clean takes a lot of work... and there are a few smelly chemicals that help push the hair in the opposite direction of gravity. Some of these odors can be obnoxious or unhealthy to breath all day long. The filters in the AC unit are not up to snuff when it comes to dealing with these smells.

A Fresh Air Appliance FIT 120 might be the perfect solution for getting rid of all the smells and excess noise that may disrupt the ambiance of your small business. Rather than recirculating these obnoxious fumes all day, fresh air is simply introduced to your space. Energy loss isn't a pressing issue either because of the energy transfer that occurs inside of the unit.



Fresh Air Coming Inside

FIT 120E
Fresh Air Appliance

MGE 4
Exhaust Grilles

MGS 4
Supply Grilles

Stale Air Going Outside

Buy This Package



FIT 120E
Fresh Air Appliance

AND



ECO-Feel
VOC Control

AND



FIDT 4/ FIDT 5
Flexible Duct

AND



COM 5P
Supply & Exhaust Hoods

AND



MGS 4 / MGE 4
Supply & Exhaust Grilles

Filtration

You filter your water and wash your food because you understand the importance of purity in something so important to your day to day wellness.

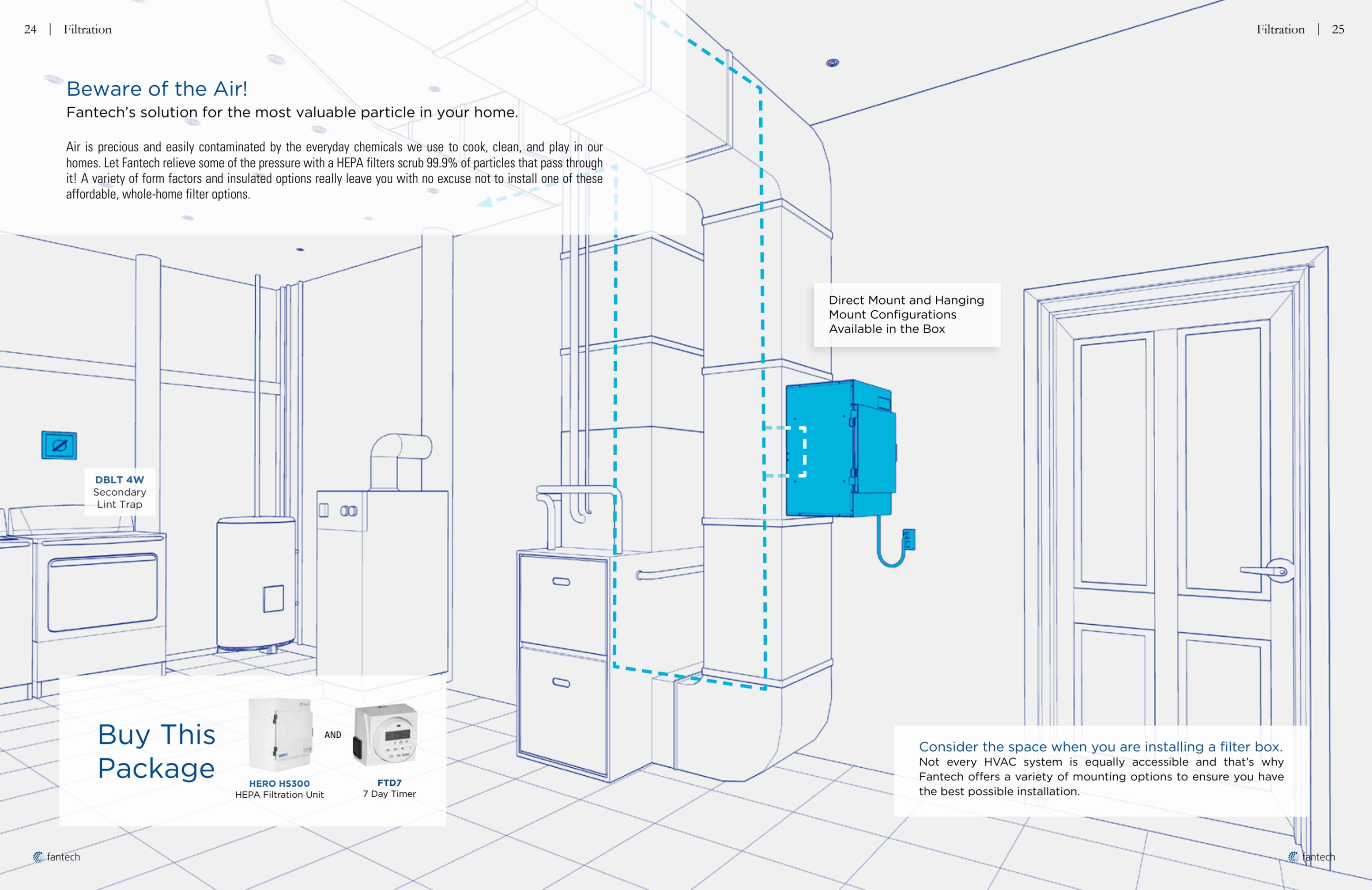
You can live 2-3 days without water, but you can only live a few minutes without air. Shouldn't we treat air with even more respect?



Beware of the Air!

Fantech's solution for the most valuable particle in your home.

Air is precious and easily contaminated by the everyday chemicals we use to cook, clean, and play in our homes. Let Fantech relieve some of the pressure with a HEPA filters scrub 99.9% of particles that pass through it! A variety of form factors and insulated options really leave you with no excuse not to install one of these affordable, whole-home filter options.



Direct Mount and Hanging Mount Configurations Available in the Box

DBLT 4W
Secondary Lint Trap

Buy This Package



AND



HERO HS300
HEPA Filtration Unit

FTD7
7 Day Timer

Consider the space when you are installing a filter box. Not every HVAC system is equally accessible and that's why Fantech offers a variety of mounting options to ensure you have the best possible installation.

Kitchens

The magic really happens in the kitchen. This is where Grandma bakes her cookies, where Mom makes her lasagna, and where Timmy chows down with his soccer pals after practice. More and more, modern homes are turning their focus to the kitchen for entertainment rather than their flat screens.

Fantech offers a variety of solutions to help you create a quieter, healthier kitchen experience to be remembered for years to come.

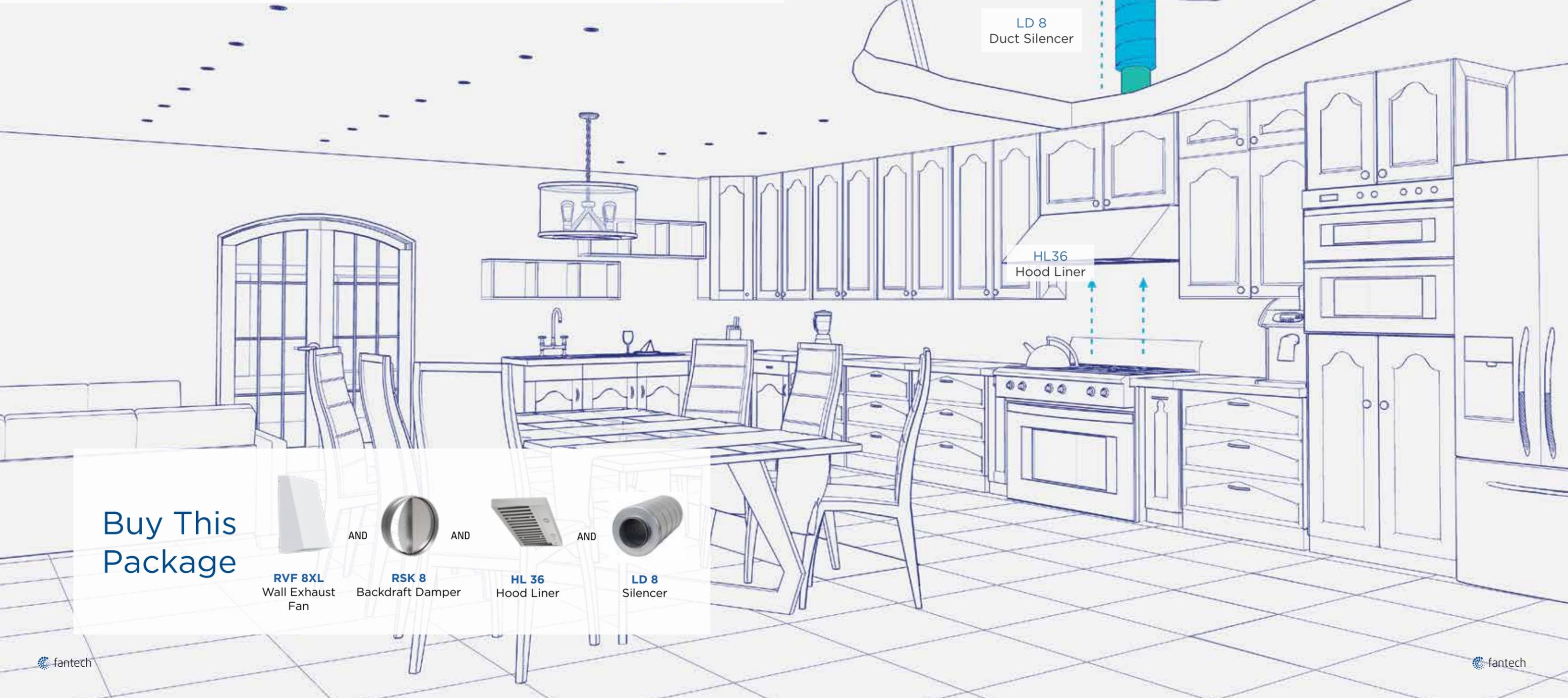
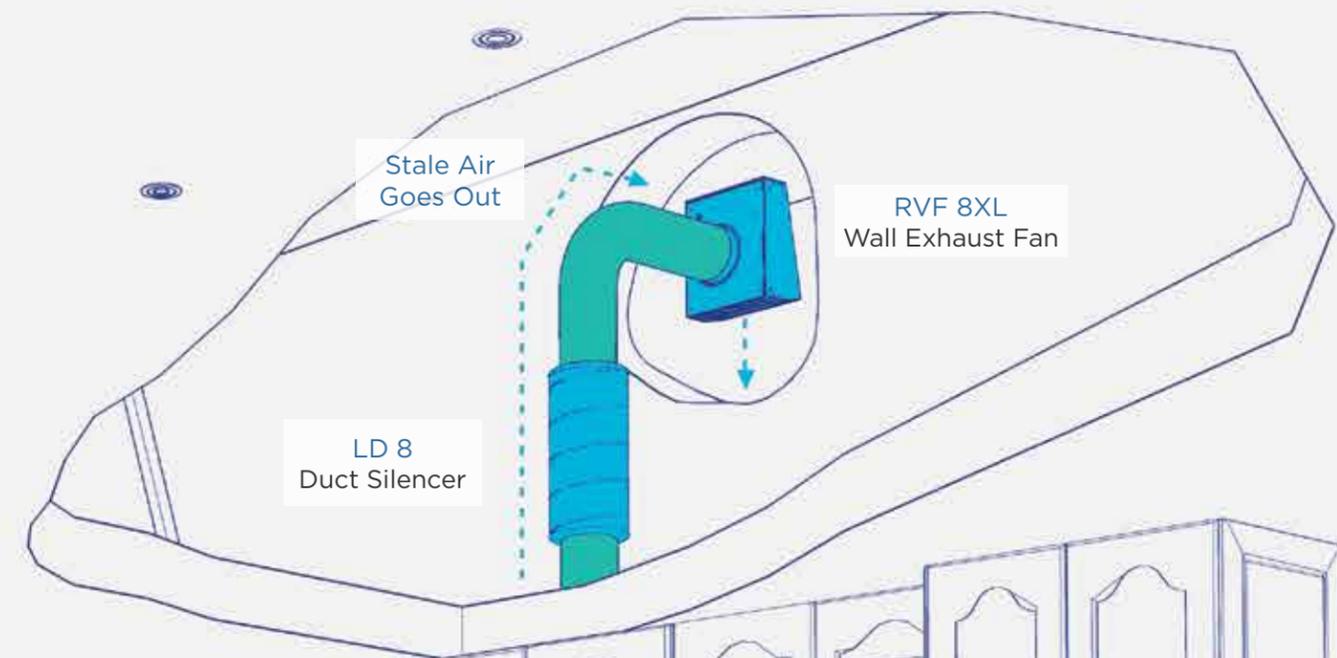
Kitchen Wall Exhaust	28
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Does a loud range hood keep you from using your indoor voice?

Does your kitchen require less than 400 CFM? Smaller kitchens don't require a monolith of power to evacuate air on a regular basis. If this is the case for your multi-family or single-family project, consider a Fantech, remote mount kitchen exhaust solution.

A remote fan allows you to have a much quieter kitchen environment when you're running the range hood. In homes where entertaining in the kitchen is becoming more common place, this feature is sure to help keep your voice at an appropriate level all night long.



Buy This Package

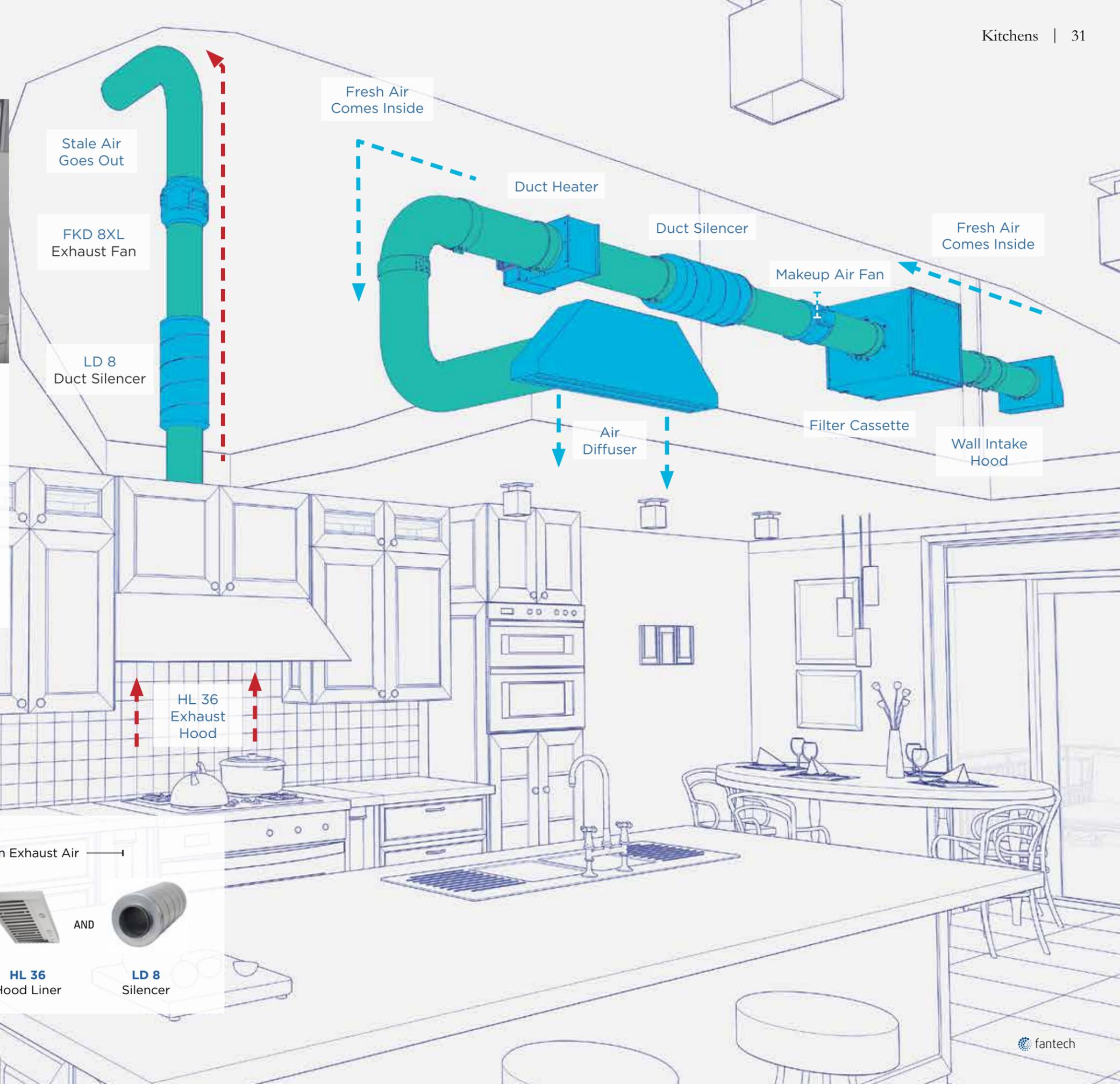
	AND		AND		AND	
RVF 8XL Wall Exhaust Fan		RSK 8 Backdraft Damper		HL 36 Hood Liner		LD 8 Silencer



Your kitchen might be choking under the pressure

Does cooking a good meal take your breath away? Maybe it's not the steak, maybe it's your kitchen exhaust expelling all the good smells out of the kitchen.

Fantech's makeup air system automatically replenishes lost air as needed to ensure your kitchen is happy and full even when the master chef is busy at work.



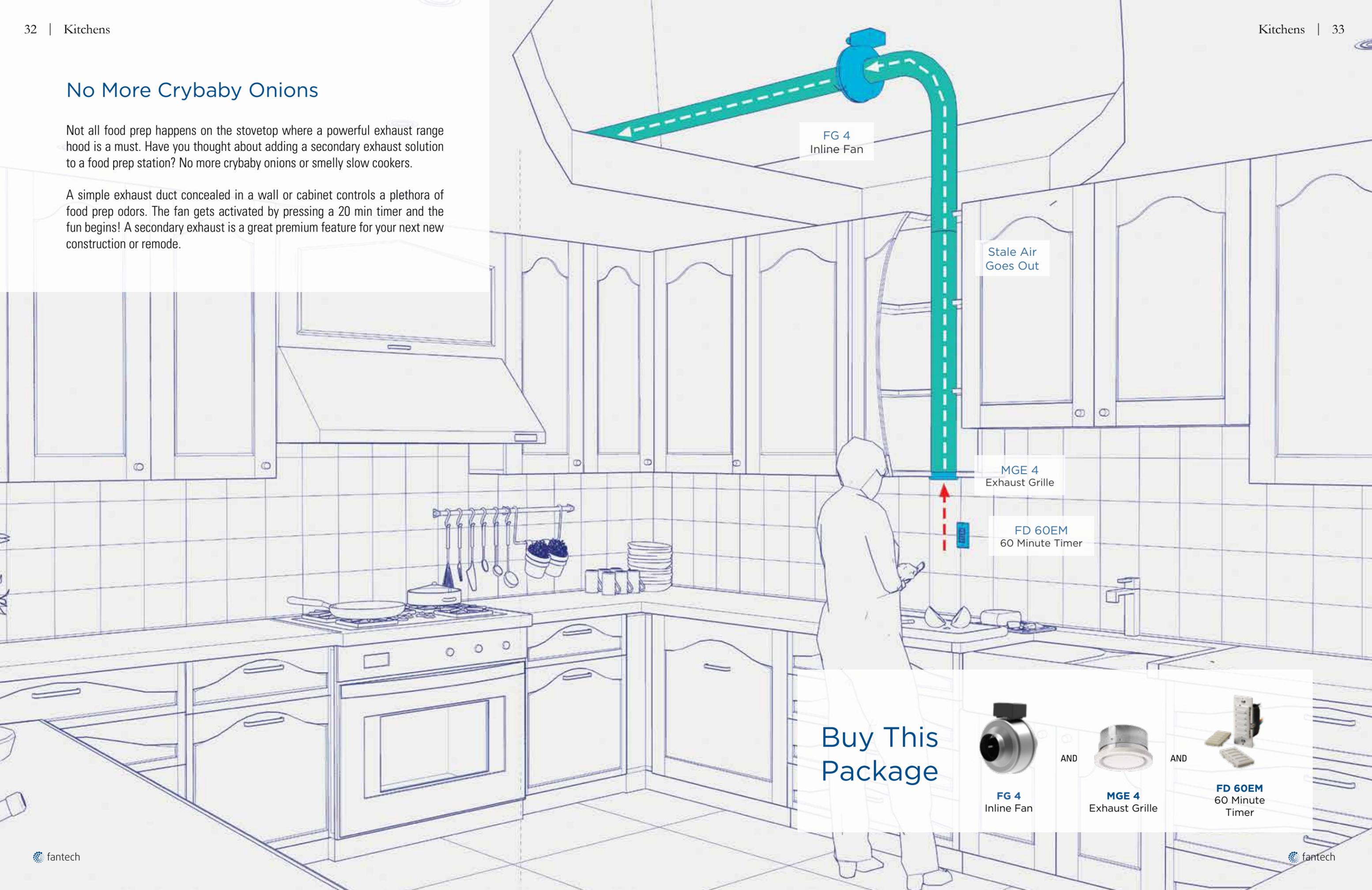
Buy This Package



No More Crybaby Onions

Not all food prep happens on the stovetop where a powerful exhaust range hood is a must. Have you thought about adding a secondary exhaust solution to a food prep station? No more crybaby onions or smelly slow cookers.

A simple exhaust duct concealed in a wall or cabinet controls a plethora of food prep odors. The fan gets activated by pressing a 20 min timer and the fun begins! A secondary exhaust is a great premium feature for your next new construction or remode.



FG 4
Inline Fan

Stale Air
Goes Out

MGE 4
Exhaust Grille

FD 60EM
60 Minute Timer

Buy This Package



FG 4
Inline Fan

AND



MGE 4
Exhaust Grille

AND



FD 60EM
60 Minute
Timer

Bathrooms

Designing a bath involves many decisions that will ultimately affect its look and function, whether it be a busy family bathroom or a small guest bath with limited space. Or, maybe, you're going all out for that ultra-modern bath retreat with all the amenities.

No matter what style bath you're designing, one thing remains the same - the need for proper ventilation.

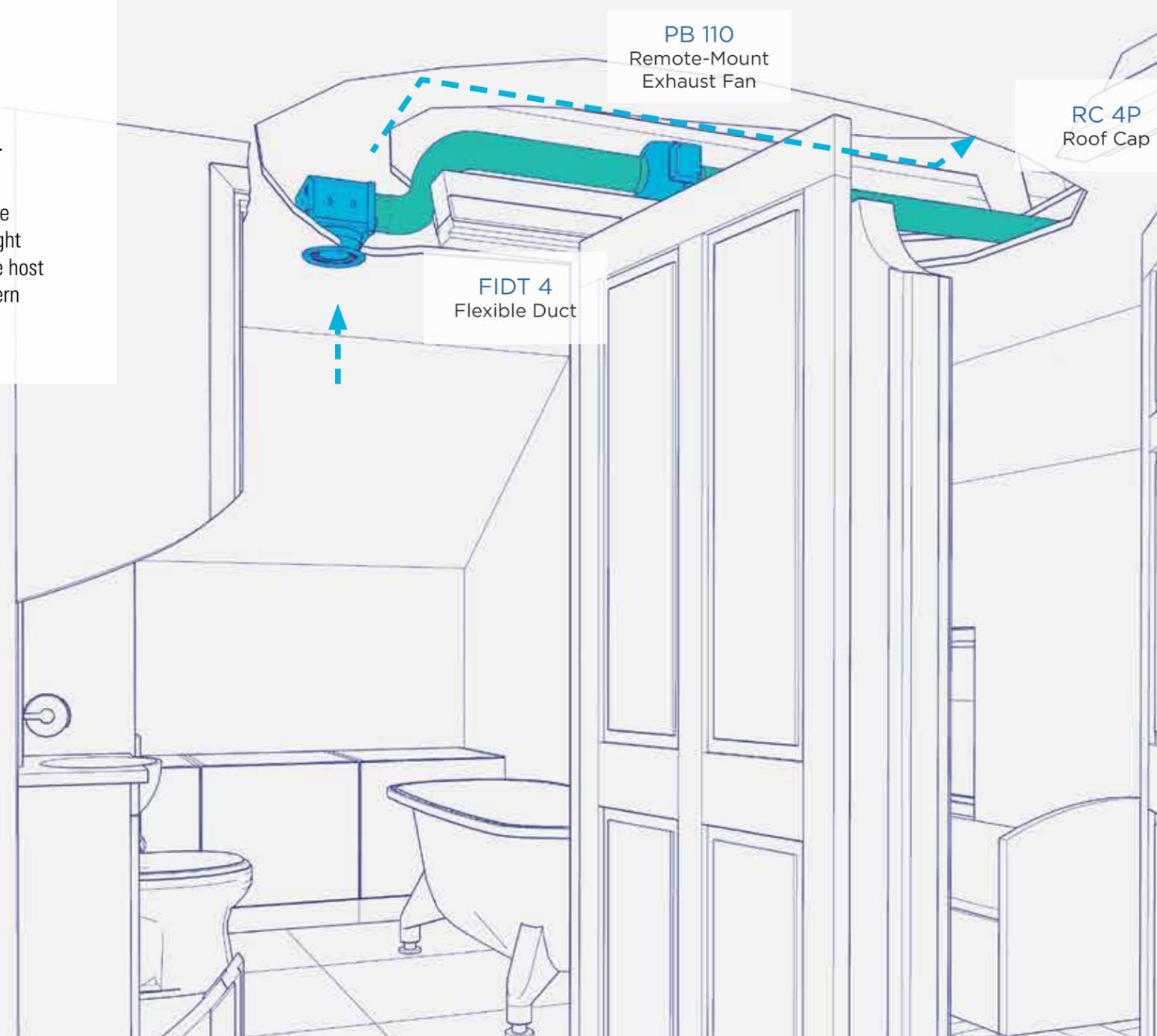
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A premium bath is part of your guest's perfect Getaway

Help Your Guest's Escape With a Little More Fresh Air

Part of being a hospitable host is keeping quiet during unreasonable times of the night. In a home where a single bathroom is adjacent to a guest bedroom, it might be beneficial to have a quiet bath fan nearby. Another part of being a hospitable host is looking good! Luckily our grilles are a simple and stylish addition to any modern bathroom. A 60-minute timer is a great way to simplify your guest's experience

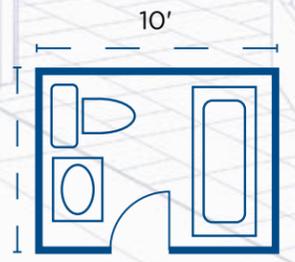


Buy This Package



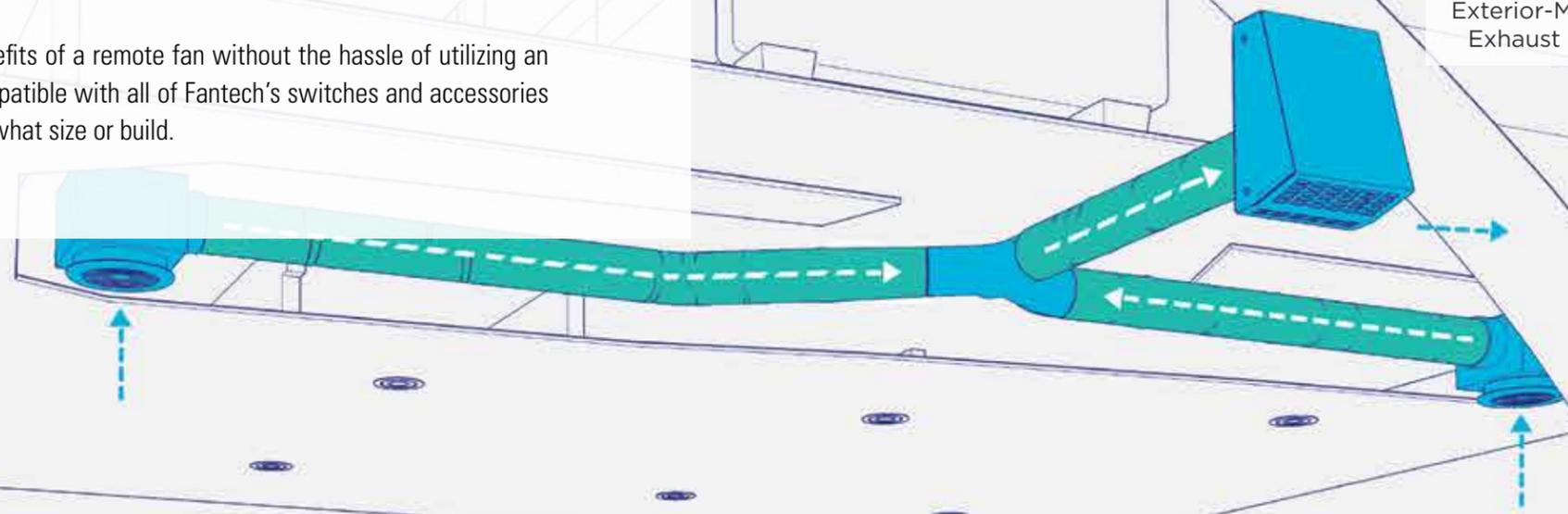
The Math is Simple Full Bath

$$10' \times 7' = 70 \text{ sq ft } (<100) = 70 \text{ CFM}$$



Expand your exhaust air system by adding an extra PBV4 grille

Using an exterior-mount fan is a great way to get all the benefits of a remote fan without the hassle of utilizing an attic space. The PBW 110 has the added benefit of being compatible with all of Fantech's switches and accessories as well. So premium features are always available no matter what size or build.



PBW 110
Exterior-Mount
Exhaust Fan

PBV4
Vent Grille

Buy This Package


 AND
 
 AND
 
 AND
 

PBW 110
 Exterior-Mount Fan
 and Ceiling Grille

FIDT 4
 Flexible Duct

FD60EM
 60 Minute
 Timer

PBV4
 Vent Grille

Does a noisy bath fan leave you steaming?

It's hard to relax in a hot bath when the buzz of your bathroom fan is all you can hear. Then, it is the time for peace and quiet with Fantech's remote-mounted bath fans for virtually zero noise heard from inside your bathroom.

The Math is Simple Full Bath + 1/2 Bath

For a double bath you simply add the CFM requirements of two bathrooms and add them together.

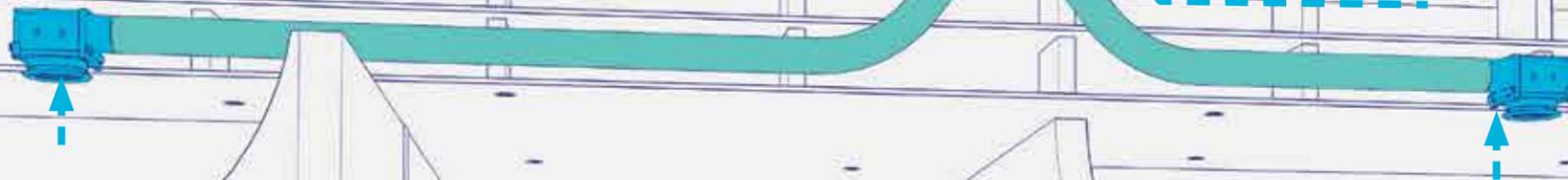
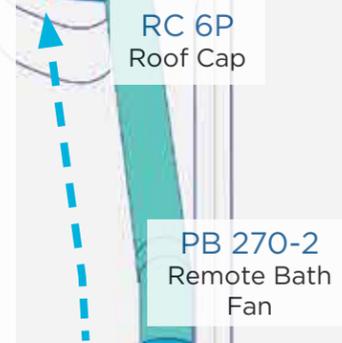
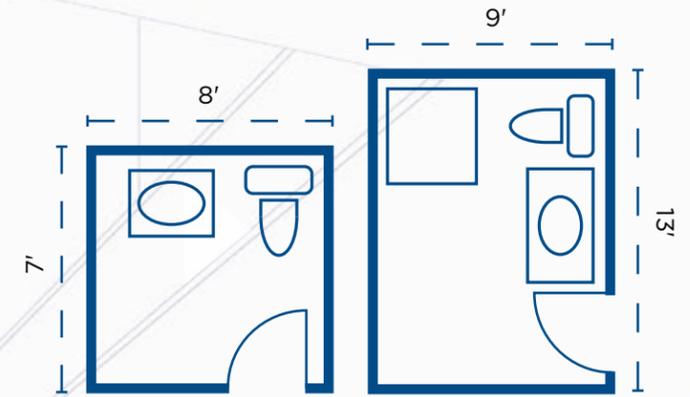
$9' \times 13' = 117 \text{ sq ft } (>100 \text{ sq ft})$

1 toilet + 1 tub = **100 CFM**

$7' \times 8' = 56 \text{ sq ft } (<100 \text{ sq ft}) = \mathbf{56 \text{ CFM}}$

Add results from both.

$100 + 56 = \mathbf{156 \text{ CFM}}$



Buy This Package



The Perfect Home Spa Solution

Offering the most intake grille options for a remote ventilator solution with up to four ports available. Perfect for a home spa or multi bathroom scenario. Specially designed to fit in your attic or in the space between floors in a multi-level home.

HS6W
Shutter for
Exhaust

CVS 300
Exhaust Multi-
Port Ventilator

MGE4
Exhaust Grille

Buy This Package



CVS 300A
Exhaust Multi-
Port Fan

AND



FIDT 4 / FIDT 6
Flexible Duct

AND



HS 6W
Exhaust Vent

AND



MGE 4
Exhaust Grille

AND



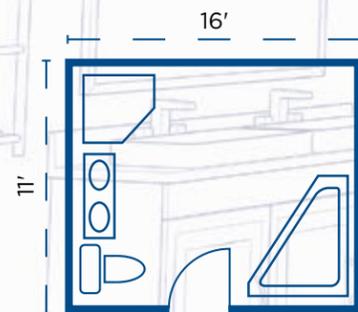
IPHS5
Humidity Sensor

The Math is Simple

Home Spa

$$16' \times 11' = 176 \text{ sq ft } (>100)$$

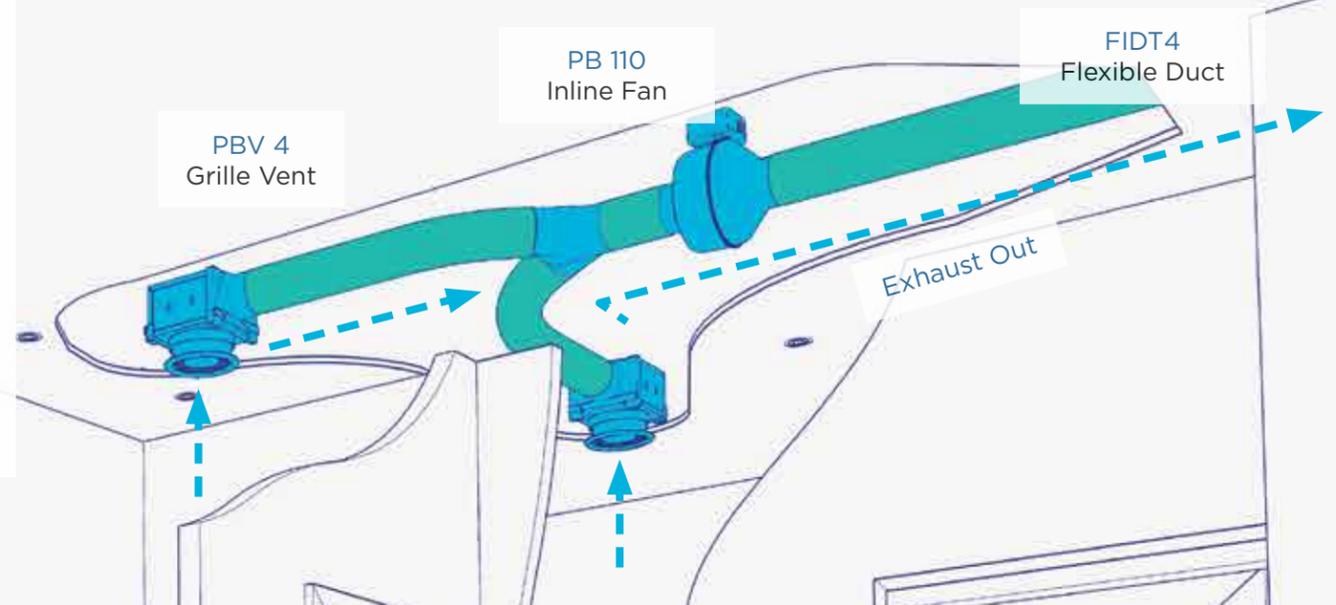
$$50 \text{ toilet} + 50 \text{ shower} + 100 \text{ garden} = \mathbf{200 \text{ CFM}}$$



This Mocha was brought to you by Fantech

This café needs fresh air in its powder rooms so customers aren't distracted by smells other than their freshly ground coffee. In a configurable commercial environment you also need flexibility.

A Fantech remote Bathroom Fan allows a contractor to centrally mount a fan while taking care of multiple inlets at once. But what's more, if your client calls you back to move or add an additional bathroom, you can easily move the inlets without hassling with extra electrical or the purchase of additional expensive hardware.



Why PB110?

In most situations a PB110 is not suitable for a split bath. But because of the compact nature of this commercial space, you can easily implement this bath fan to meet your needs.

Buy This Package

- 
PB 110
Remote-Mount Fan and Ceiling Grille
- AND
- 
PBV 4
Grille Vent
- AND
- 
FY 4
Y-Connector
- AND
- 
FIDT 4
Flexible Duct
- AND
- 
HS 4W
Exhaust Vent

INLINE doesn't mean INSIDE

Here is a creative example of how an exterior mount fan can be used in place of an inline fan. A public park or campground with washrooms still needs its air taken care of. The added benefit of an exterior mount fan is that you don't need to crawl into an attic space in the small, unconditioned washroom you are working in. Keep the installation simple by working from the outside!

RVF 4XL
Exhaust Fan

MGE 4
Exhaust Grille

Buy This
Package



Residential Laundries

It used to make perfect sense to put a dryer on the outward facing wall of your house. But then homeowners got wise and wanted them closer to the bedrooms, where the dirty clothes are.

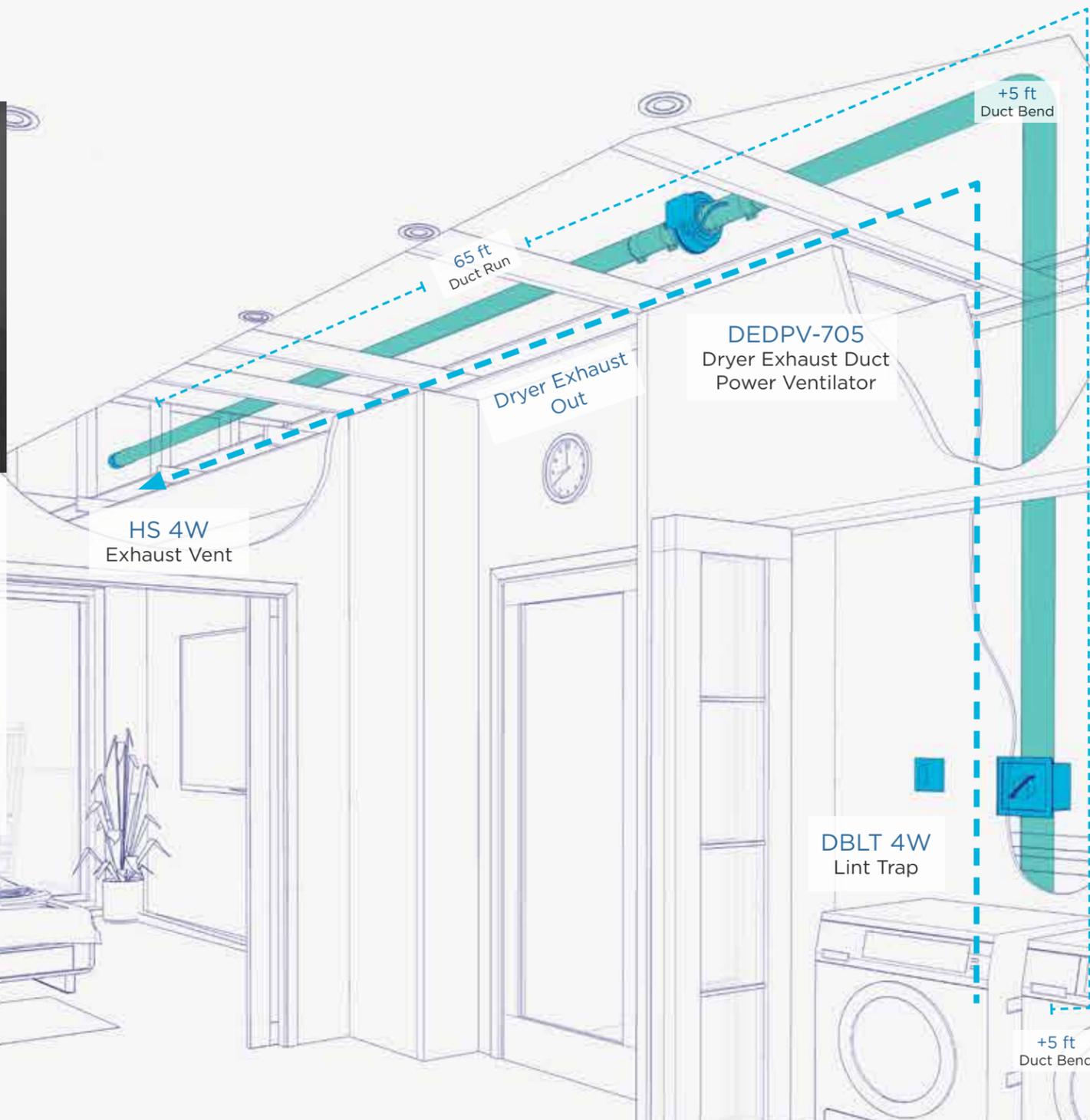
While a dryer fan is rated well enough to exhaust lint through a shorter duct length, the homeowner's tastes have changed. Let Fantech help you extend the viable duct length of over 100 feet with our inline and externally mounted solutions.





Only **YOU** can prevent dryer fires

Even though you probably clean the screen in your dryer out after every use, lint still manages to work its way out and builds up in the ductwork. It is highly flammable and the most likely culprit in a fire started by your dryer. While regular maintenance is still vital for a healthy length of duct, Fantech's dryer exhaust fans are designed to give an extra kick to the warm, moist air and lint trapped in the duct.



Calculate Your Duct Runs*

The DEDPV-705 fan is rated up to **130 feet** in duct length for dryer applications. In general, duct runs frequently exceed the 25 equivalent feet that many dryer manufacturers set as a standard maximum length. For every 90 degree elbow, add 5 additional feet of duct length and for 45 degree elbow add 2.5 feet. The paragraph below illustrates how the duct length can be calculated.

For example: If a 4" duct connection from a dryer to the roof vent is **65 linear feet** with **two** 90 degree elbows, then the total duct run is **75 feet**. As stated above, for every 90 degree elbow, 5 feet must be added to the total duct length. Fantech is well equipped to use a Dryer Exhaust Duct Power Ventilator meeting UL-705 Standard for this application.

Buy This Package

DEDPV-705
Dryer Exhaust Duct Power Ventilator



AND



DBLT 4W
Lint Trap

AND



HS 4W
Exhaust Vent

Underwriters Laboratories (UL) has developed a supplement to UL705 specifically for fans used for dryer exhaust and has given these fans the name:

Dryer Exhaust Duct Power Ventilator (DEDPV).



Garages

Air quality in an attached or detached car garage matters because the space's two main purposes are for parking emission-releasing vehicles and storing items that can include hazardous materials.

Take a look what a simple inline fan installed on the exhaust wall can do to your well-being.



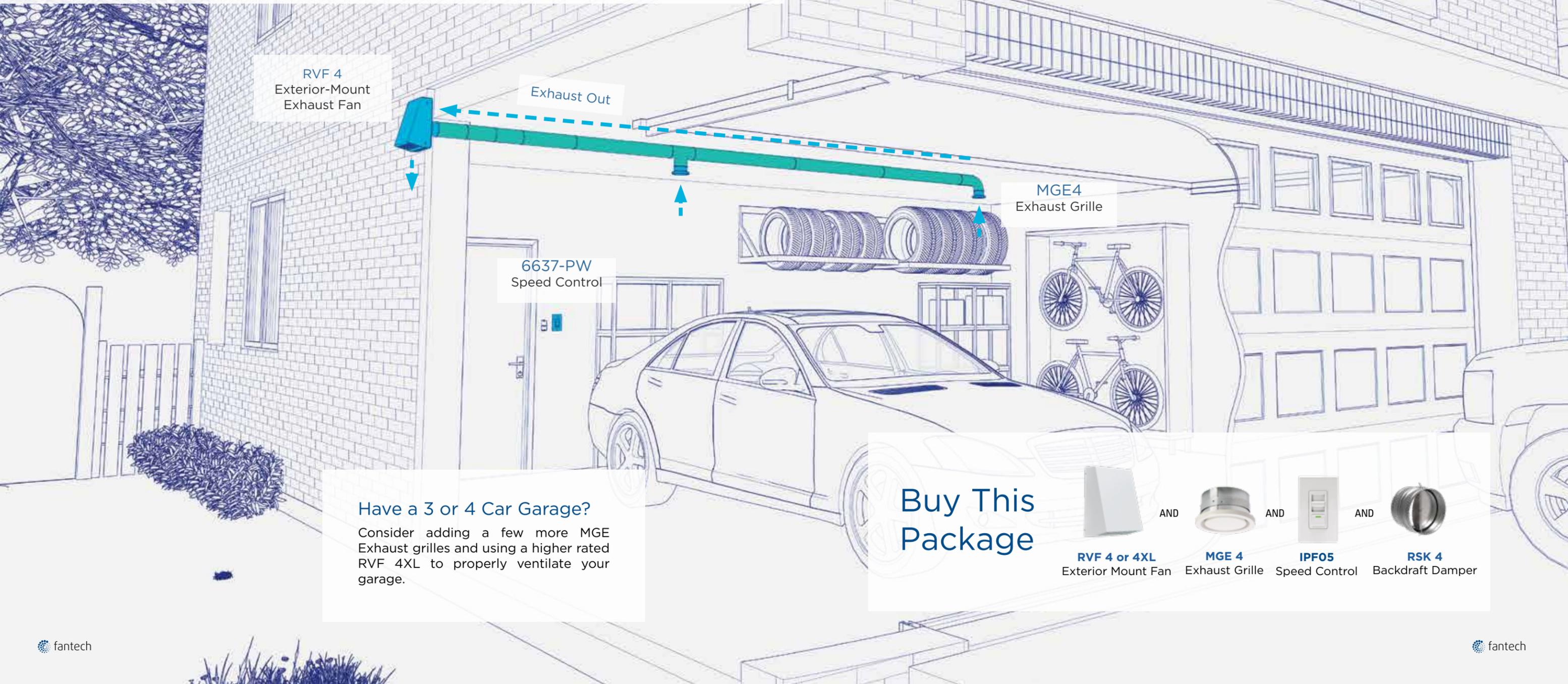
Wall Exhaust 54
Roof Exhaust..... 56

Keep the air moving when your car is in park

Your garage is a home to a plethora of smells and liquids that you use all over your house. Not all of these smells are harmless though.

Attached garage air quality matters because the space's two main purposes are for parking emission-releasing vehicles and storing items that can include hazardous materials. Your attached garage is attached to your house; it naturally has an impact on the rest of your home's air quality and safety.

A mechanical exhaust solution will keep dangerous volatile organic compounds (VOC) and chemical fumes from making it into your home.



RVF 4
Exterior-Mount
Exhaust Fan

Exhaust Out

MGE4
Exhaust Grille

6637-PW
Speed Control

Have a 3 or 4 Car Garage?
Consider adding a few more MGE Exhaust grilles and using a higher rated RVF 4XL to properly ventilate your garage.

Buy This Package

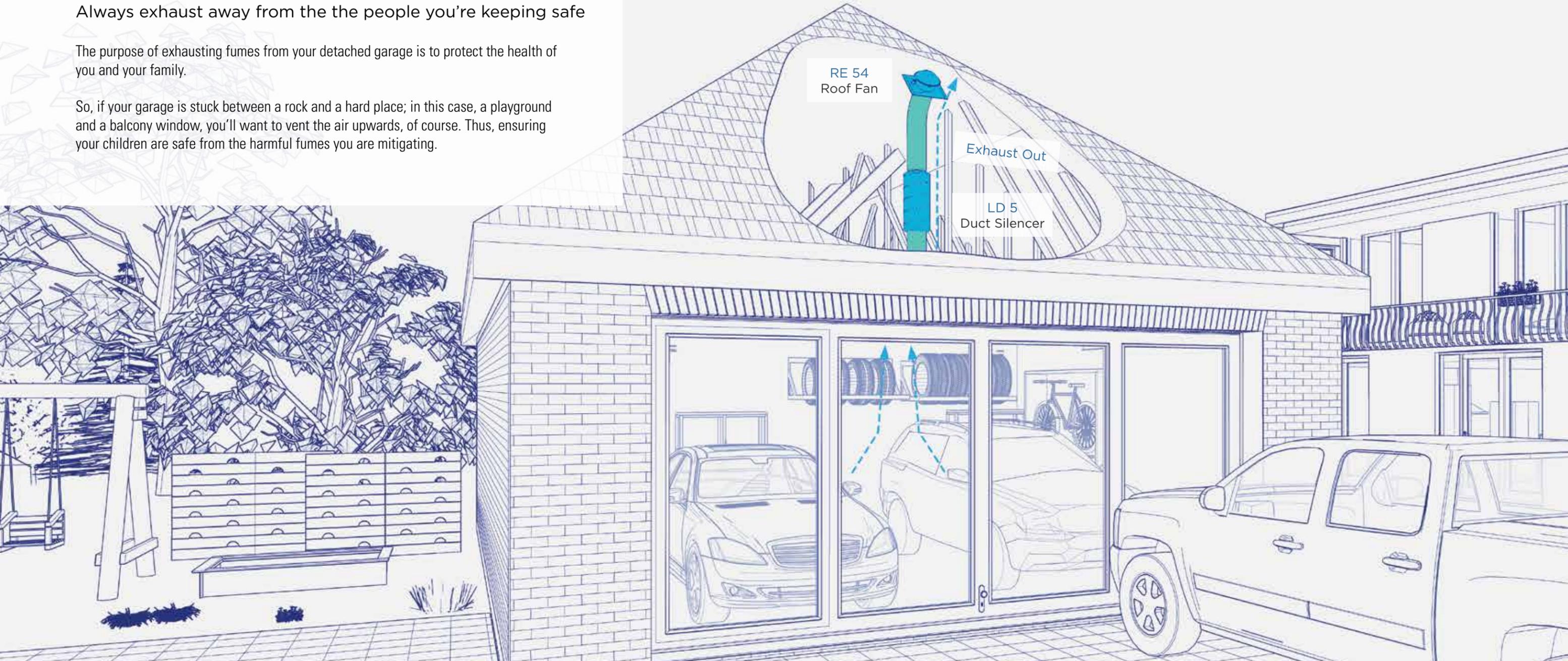
RVF 4 or 4XL Exterior Mount Fan AND MGE 4 Exhaust Grille AND IPF05 Speed Control AND RSK 4 Backdraft Damper

If you can't go out, go up

Always exhaust away from the the people you're keeping safe

The purpose of exhausting fumes from your detached garage is to protect the health of you and your family.

So, if your garage is stuck between a rock and a hard place; in this case, a playground and a balcony window, you'll want to vent the air upwards, of course. Thus, ensuring your children are safe from the harmful fumes you are mitigating.



Buy This Package

- 
RE 54
 Roof Fan
- AND
- 
RSK 5
 Backdraft Damper
- AND
- 
LD 5
 Silencer
- AND
- 
MGE 5
 Exhaust Grille
- AND
- 
IPF05
 Speed Control

Radon Mitigation

Radon comes from uranium in the soil. When it breaks down, uranium releases odorless, colorless, tasteless gas called radon. The gas becomes dangerous when it enters your home thru cracks in foundation, pipes, sumps and unfinished floors.

Learn more how you can protect your home and homes of those you care about.



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Let Radon take the high road

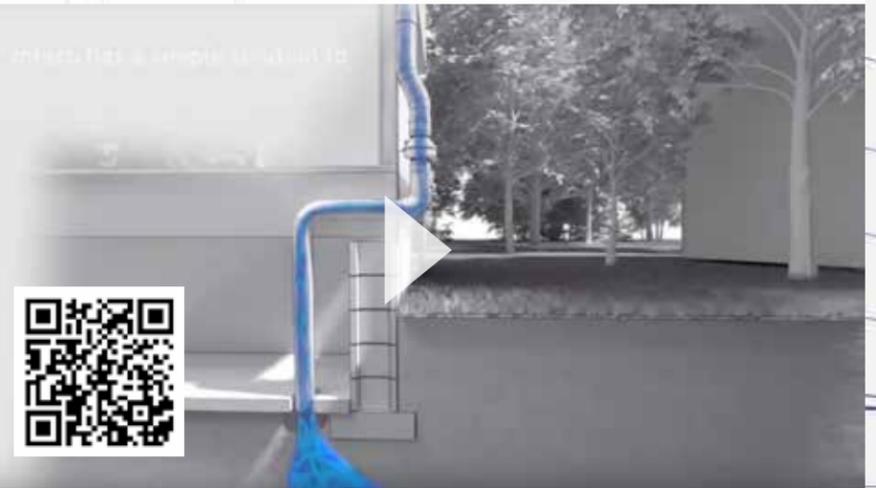
Radon simply loves a great escape. While radon is a dangerous gas when left unattended, it actually doesn't want to be in your home at all.

A mitigation system simply creates a more appealing route for your unwanted guest to evacuate. The science is simple!

Radon Out

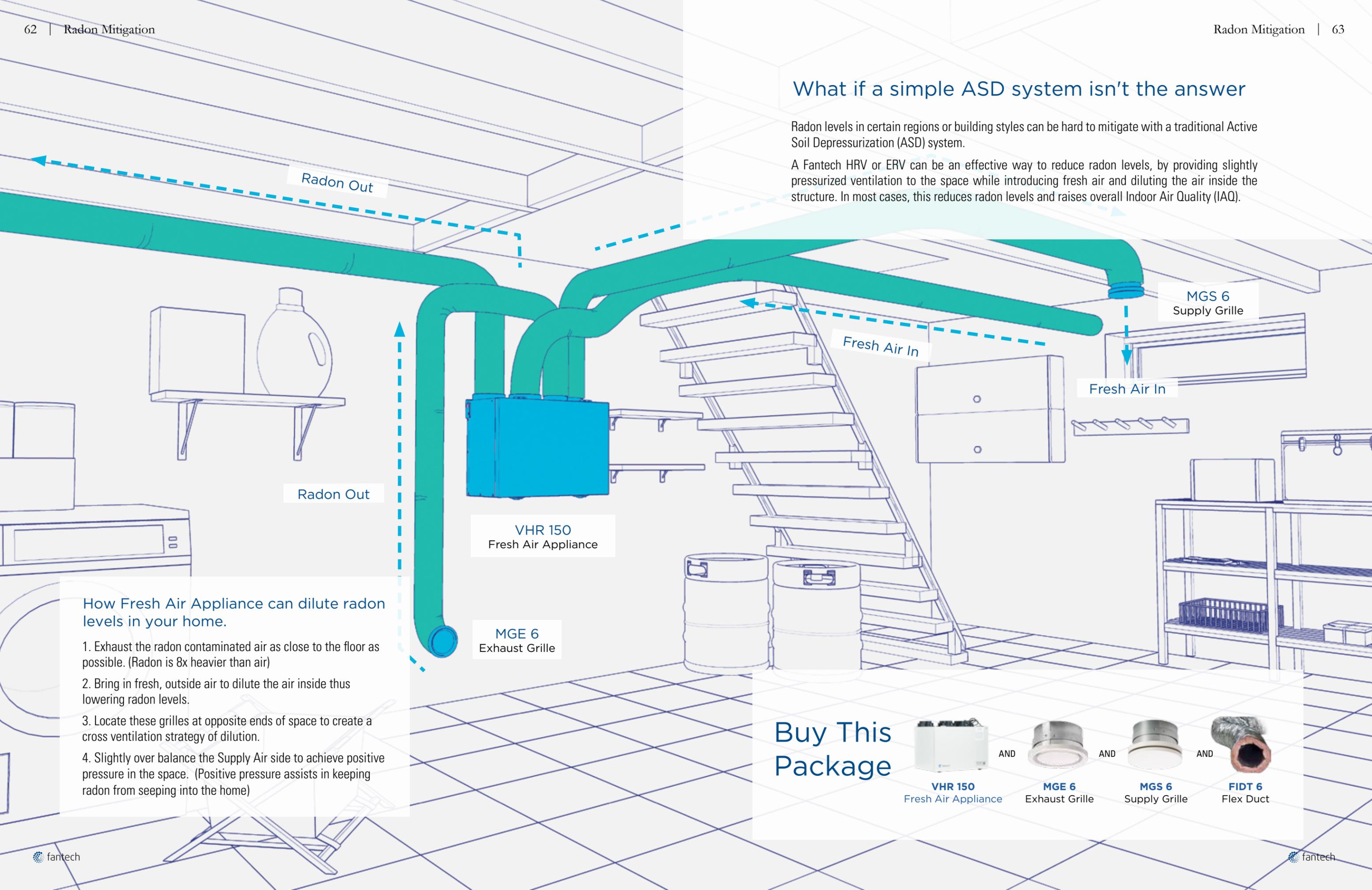
Is your home radioactive?

Radon is an invisible, radioactive gas that has a tendency to build up under the foundation of your home. Unfortunately, being exposed to this radioactive isotope won't give you superpowers. Learn how Fantech can keep your home safe with the utmost accuracy with their industry-leading technology.



Rn 4EC
High Flow and Suction Radon Fan

It may seem too good to be true, but you really can mitigate radon gas with one simple fan installation!



What if a simple ASD system isn't the answer

Radon levels in certain regions or building styles can be hard to mitigate with a traditional Active Soil Depressurization (ASD) system.

A Fantech HRV or ERV can be an effective way to reduce radon levels, by providing slightly pressurized ventilation to the space while introducing fresh air and diluting the air inside the structure. In most cases, this reduces radon levels and raises overall Indoor Air Quality (IAQ).

How Fresh Air Appliance can dilute radon levels in your home.

1. Exhaust the radon contaminated air as close to the floor as possible. (Radon is 8x heavier than air)
2. Bring in fresh, outside air to dilute the air inside thus lowering radon levels.
3. Locate these grilles at opposite ends of space to create a cross ventilation strategy of dilution.
4. Slightly over balance the Supply Air side to achieve positive pressure in the space. (Positive pressure assists in keeping radon from seeping into the home)

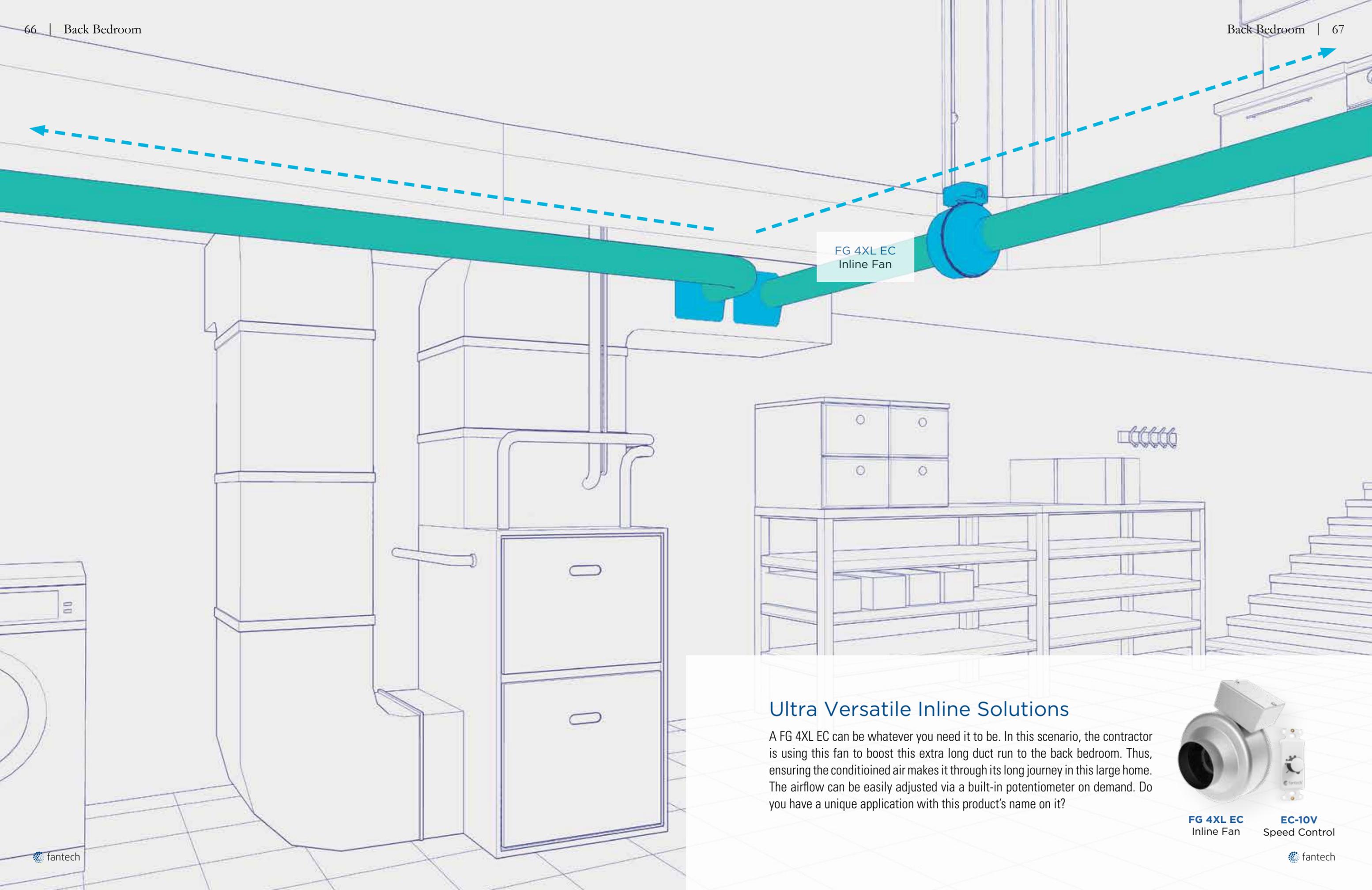
Buy This Package



Back Bedroom

Does it sometimes feel like your back bedroom takes forever to get to the desired temperature after a long hot day? Extended duct run from the furnace, or air conditioner creates a lot of static pressure keeping the air from getting to upstairs or the back of your house. A simple inline fan can do the job of boosting the air on demand.





FG 4XL EC
Inline Fan

Ultra Versatile Inline Solutions

A FG 4XL EC can be whatever you need it to be. In this scenario, the contractor is using this fan to boost this extra long duct run to the back bedroom. Thus, ensuring the conditioned air makes it through its long journey in this large home. The airflow can be easily adjusted via a built-in potentiometer on demand. Do you have a unique application with this product's name on it?



FG 4XL EC
Inline Fan

EC-10V
Speed Control

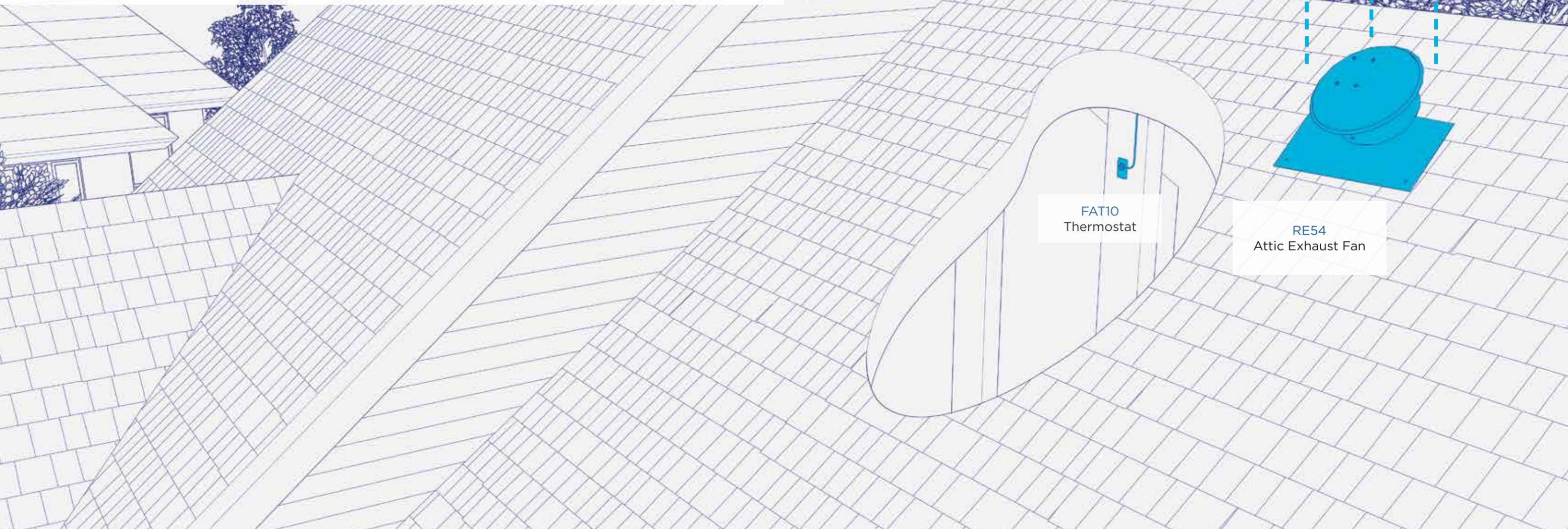
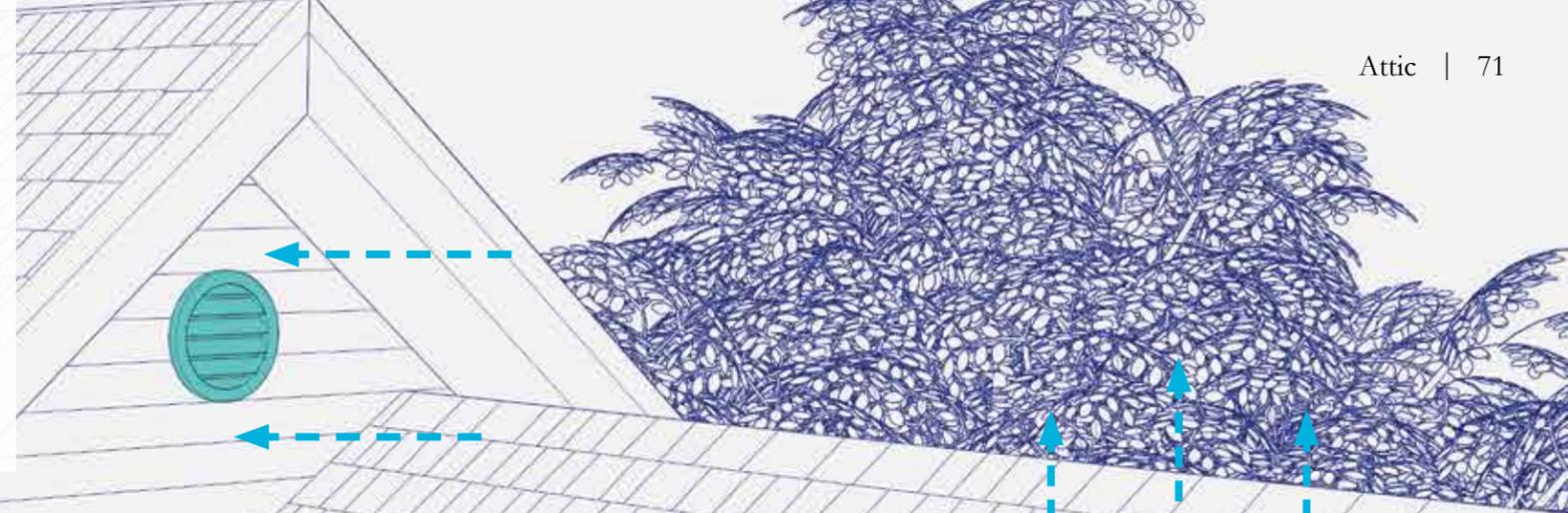
Attic

Your attic is an unconditioned area, which means that it should be similar to the same temperature and humidity as the outside air. Proper ventilation helps you avoid issues like mold, rot ice damming and more.



It's an attic, not a sauna.

Your attic space acts as a thermal buffer between your house and the outdoors. During much of the year, the ventilation in your attic automatically regulates itself thanks to natural differences in pressure. But in the hot climates or during the summertime it is possible for these pressures to even out and create stagnate air.



FAT10
Thermostat

RE54
Attic Exhaust Fan

Buy This Package



RE 54
Attic Fan

AND



FAT 10
Thermostat

AND



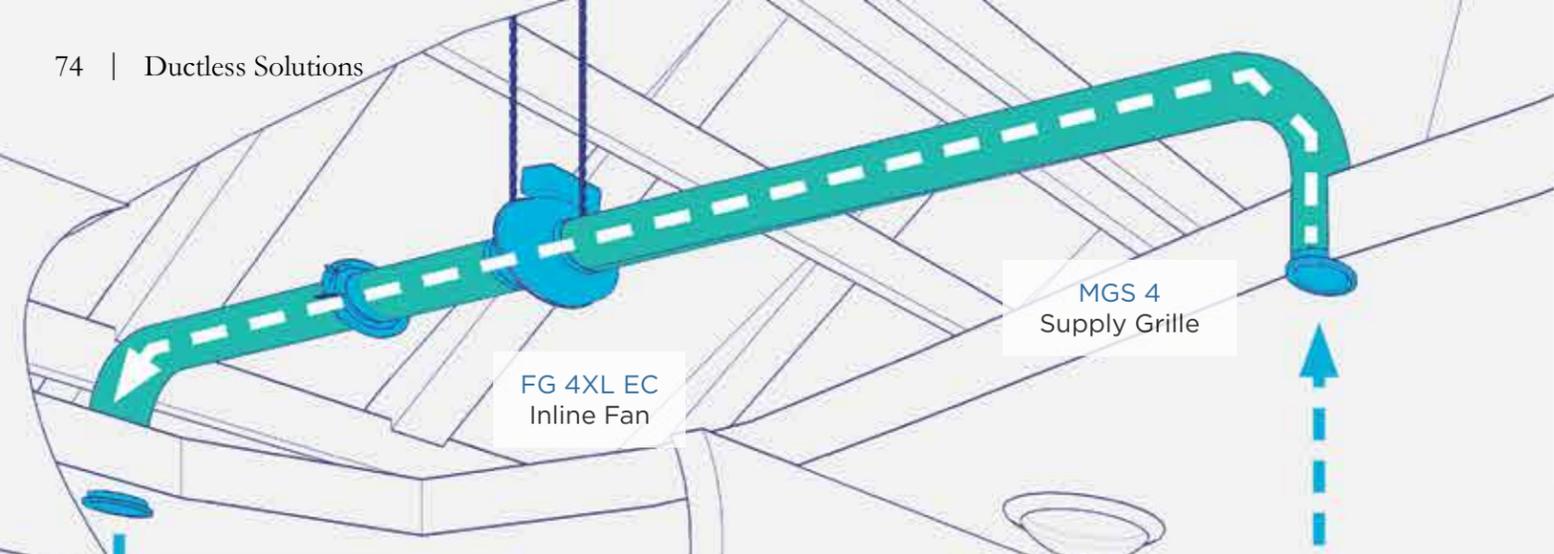
RSK 5
Backdraft Damper

Ductless Solutions

Mini-splits and ductless solutions are on the rise in cities all over North America for the sake of energy efficiency. But fresh air shouldn't be left on the back-burner. Fantech has a solution for your ductless spec or renovation.



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Room-to-Room Exchange

Retrofitting mini-splits are becoming a popular, viable option for conditioning air in remote spaces or older homes. But ductless ventilation requires unique solutions for maximum comfort. With a simple inline fan installation, you can share the conditioned air to a connected space within a suite or private section of the dwelling. An iris damper ensures that this fan is delivering a balanced amount of air for an adjunct space.



Buy This Package



FG 4XL EC
Inline Fan

AND



MGS/MGE 4
Return/Supply

AND

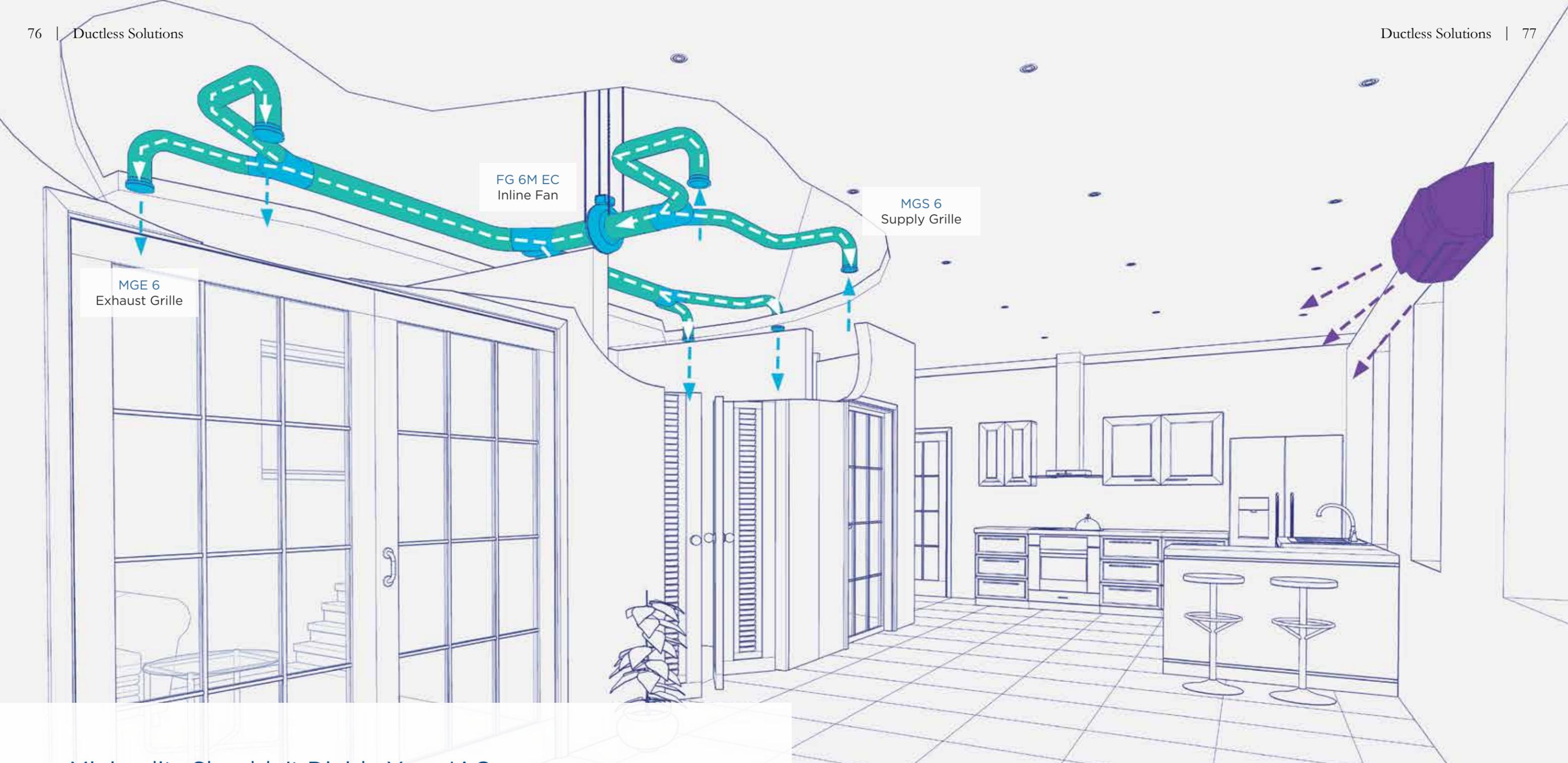


FIDT 4
Flexible Duct

AND



EC-10V
Speed Control



FG 6M EC
Inline Fan

MGS 6
Supply Grille

MGE 6
Exhaust Grille

Mini-splits Shouldn't Divide Your IAQ

A single family home may be equipped with a ductless mini split heating/cooling unit in geographical areas where mild climates only require excessive air conditioning a few days a year, but that can fall short in a few ways.

Installation of multiple mini-split units to effectively condition air in individual bedrooms and living rooms may be required. This isolates the effectiveness of a mini-split to its immediate location. The conditioned air stays locally around the unit. In some homes, the solution might not be cost prohibitive. But a simple inline FG fan with strategic intake and exhaust points can provide conditioned air to a greater area of space with minimal renovation.

Buy This Package



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Inline Fan

AND



MGS/MGE 6
Return/Supply

AND



FIDT 6
Flexible Duct

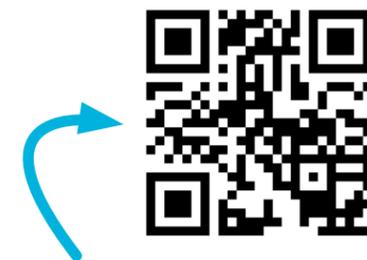
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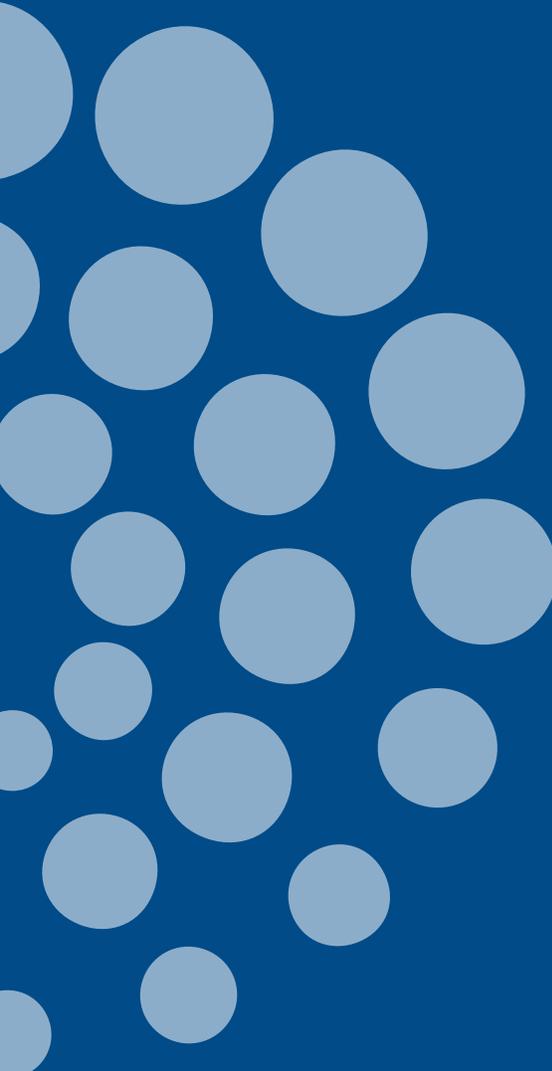
EC-10V
Speed Control

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