

# HEALTHY HOMES MARKETING IN THE COVID-19 ERA

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IAQ & Energy Conference

October 27, 2020

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Building Performance Association Board Member

#### **Energy Circle Webinar Series**

Weekly\* Wednesdays 5-5:30 eastern



#### **Energy Circle Sandbox**

# Marketing & Lead Generation Services for 350+ Better Building Contracting Businesses

HVAC, Home Performance, Solar, Insulation, Auditors/Raters, Builders, Remodelers

50 States, Canada & Countless Climate Zones

An Inside View of Many Business Models and Their Success

Deep Dataset on What is Making the Phone Ring

Our Mantra: More Successful Contractors = More Retrofits

~4 Years of Healthy Home Marketing Experiments

#### What We'll Discuss

- 1 The State of the Healthy Homes Opportunity
- The Impact (so far) of COVID-19
- Foundations of a Healthier Home Business Strategy
- 4 Communication Strategies for the Healthier Home Customer Journey—Take Advantage of the Moment



## THE HEALTHY HOMES TREND

(this wave ever gonna break?)

#### Opinion

#### Your Gas Stove Is Bad for You and the Planet

To help solve the climate crisis, we need to electrify everything.

#### By Justin Gillis and Bruce Nilles

Mr. Gillis is a former New York Times environmental reporter and a contributing opinion writer. Mr. Nilles is a managing director at Rocky Mountain Institute.

May 1, 2019



Angie Wang

OAKLAND, Calif. — We have some good news that sounds like bad news: Your gas stove has to go.

#### VOGUE

BEAUTY > HEALTH & FITNESS

#### Is the Air in Your Home Affecting Your Health? How to Reduce Indoor Pollution

MAY 17, 2016 7:10 PM by LAURA REGENSDORF



Photographed by Mario Testino, Vogue, February 2015









JOIN NOW







Pollution is increasingly-and rightfully-on people's minds lately, as seen in the host of new products addressing its negative effects on the skin and the troubling smog levels in cities like Beijing. But only recently did I start thinking more seriously about the air quality inside the home, after a pair of prolific chain-



# **BUT WHO IS WINNING?**



Fortunately for those of us who value space and aesthetics, Dyson has just unveiled a svelte new model, the Dyson Pure Cool Link, equipped with feedback sensors that connect to your smartphone.











\$499

## Came for Efficiency. Saved a Kid.

LOVE OUR HOME!!! There just aren't enough good words to express what Energy Docs has done for us! For the first time since owning this home we have a PG&E bill that is less than \$1500, even less than \$300!!! and for the first time in 12 years our son has made it through his first December without a trip to the hospital because our air quality is so much better! This project has improved our lives in more ways than we could have imagined. Thank You So Much

Unlike - Comment - Tuesday at 9:42pm



You like this.



#### The Chasm

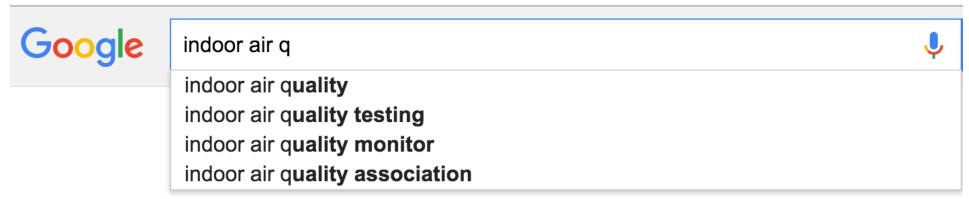




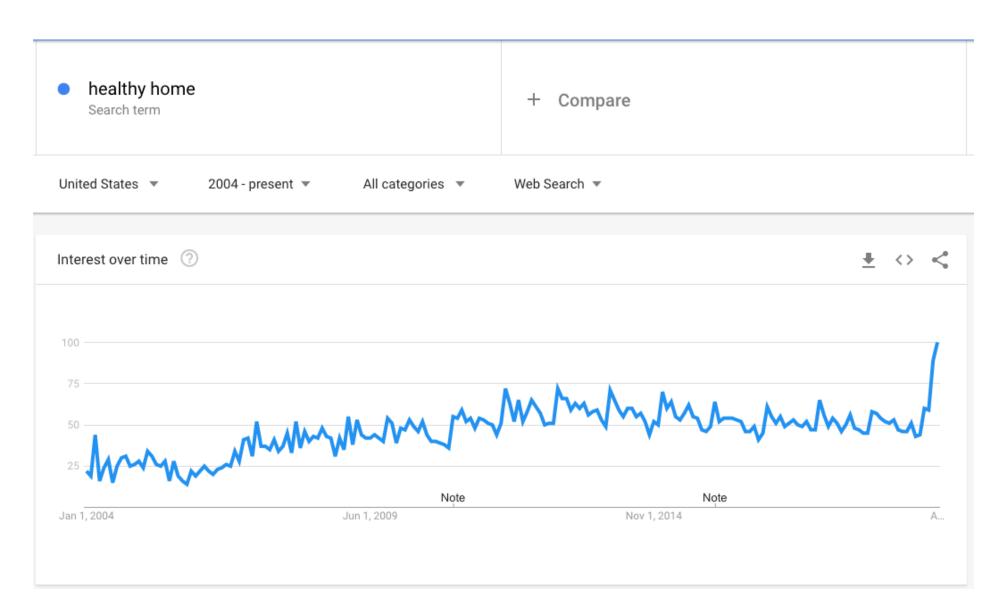




# Learning from Mother Google

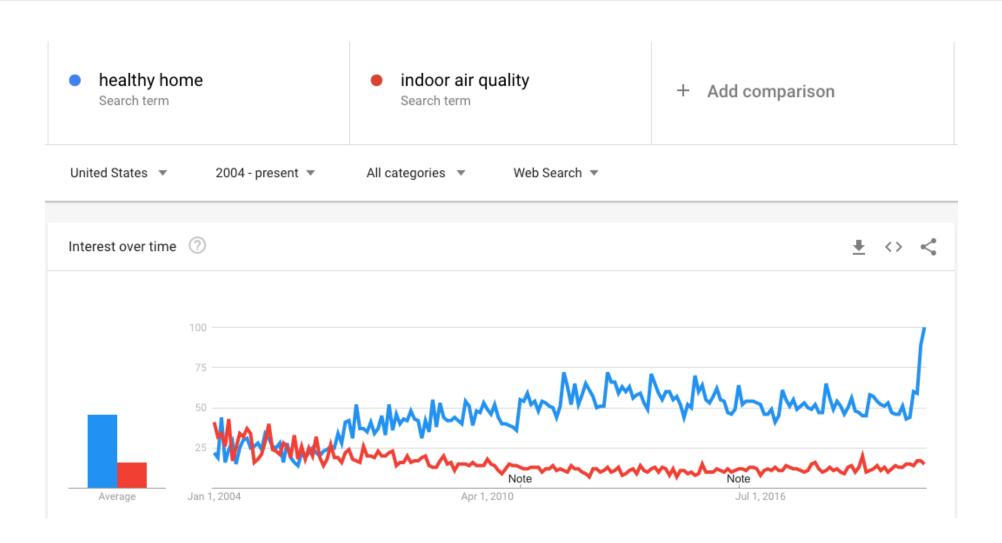


Press Enter to search.



Google Trends, April 21, 2020

## Healthy Home vs IAQ



Google Trends, April 21, 2020



RESEARCH BRIEF

#### IMPROVING AMERICA'S HOUSING

#### Healthy Home Remodeling: Consumer Trends and Contractor Preparedness

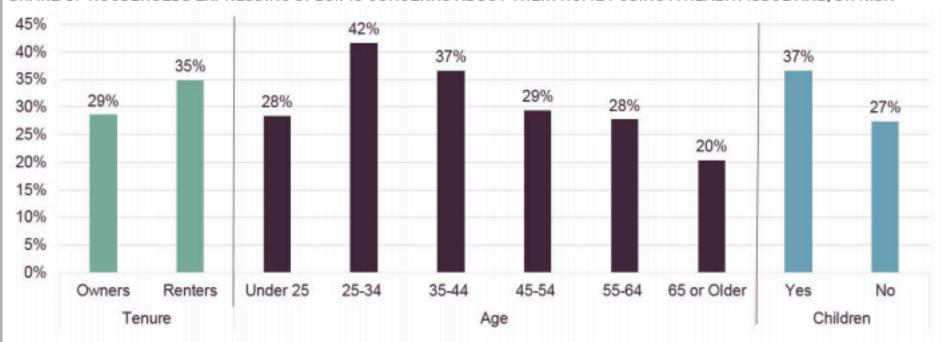
JANUARY 2019 | ELIZABETH LA JEUNESSE



n = 2469 Summer 2018

# FIGURE 2: HEALTHY HOUSING CONCERNS HIGHEST AMONG RENTERS, MILLENNIALS, FAMILIES WITH CHILDREN

#### SHARE OF HOUSEHOLDS EXPRESSING SPECIFIC CONCERNS ABOUT THEIR HOME POSING A HEALTH ISSUE AND/OR RISK

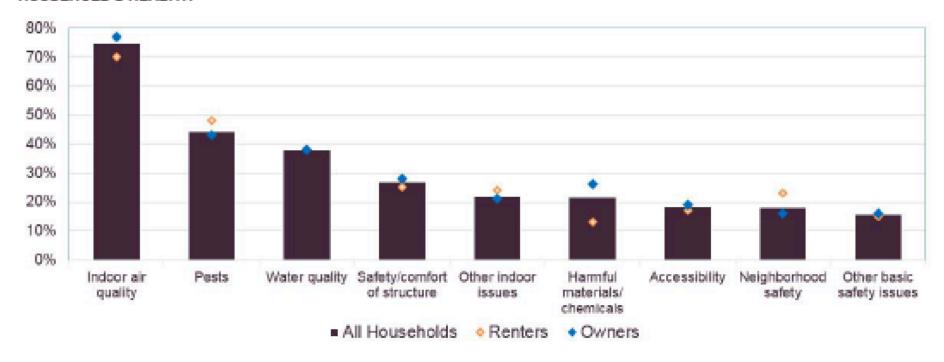


Note: Out of a sample of 1,751 homeowners and 718 renters.

Source: Farnsworth Group and Joint Center Healthy Homes Surveys, August 2018.

### FIGURE 4: INDOOR AIR QUALITY, PESTS, AND WATER QUALITY ISSUES TOP LIST OF CONCERNS ABOUT THE IMPACT OF HOME ON HEALTH

#### WHICH CATEGORY OR CATEGORIES BEST DESCRIBE YOUR CONCERN ABOUT THE IMPACT OF YOUR HOME ON YOUR HOUSEHOLD'S HEALTH?



Note: Out of a sample of 501 homeowners and 250 renters concerned about specific healthy housing issues. Source: Farnaworth Group and Joint Center Healthy Homes Surveys, August 2018.

#### Energy Circle Google Ads Dataset



~\$250,000 per month for 8 years 125,000 keywords Major regions of US



# Healthy Home Marketing 101



# NOBODY CONNECTS HEALTH ISSUES WITH THEIR HOME ENVIRONMENT

# Healthy Home Marketing 101

1

NOBODY
CONNECTS HEALTH
ISSUES WITH THEIR
HOME ENVIRONMENT



**EVERYBODY**WANTS TO FIRST
START WITH A TEST

#### The Chasm







# WHAT'S HAPPENING SINCE COVID-19?

#### Air Purification Explodes (Feb to \_\_\_\_)

RISING	
air purifier for viruses	Breakout
best air purifier for viruses	Breakout
medify air purifier	Breakout
rainbow vacuum	Breakout
air purifier mask	650%
ultraviolet air purifier	450%
air purifier necklace	350%
air doctor purifier	350%
winix true hepa air purifier	300%
personal air purifier	250%
air genie air purifier	250%
reme halo air purifier	200%
levoit air purifier filter	200%
ion air purifier	190%
honeywell true hepa air purifier	180%
smart air purifier	170%
hepa filter air purifier	140%
air purifier costco	140%
uv air purifier	140%
levoit air purifier reviews	140%
whole home air purifier	140%
uv light air purifier	140%
iwave air purifier	130%
true hepa air purifier	120%
homedics air purifier	120%

RISING jade air purifier	Breakout
air purifier for covid	1400%
air purifier covid	550%
oxypure air purifier	500%
trusens air purifier	400%
iwave air purifier	350%
medical grade air purifier	350%
air conditioner	250%
air purifier covid 19	250%
best air purifier 2020	250%
nuwave air purifier	200%
fan and air purifier	200%
silent air purifier	200%
iqair	170%
vollara air purifier	170%
dyson pure cool link, air purific	160%
air pump	160%
i wave air purifier	150%
iwave-r air purifier	140%
medify air purifier	140%
best bedroom air purifier	130%
holmes air purifier walmart	130%
dyson air purifier costco	130%
desktop air purifier	120%
honeywell air purifier filters	120%

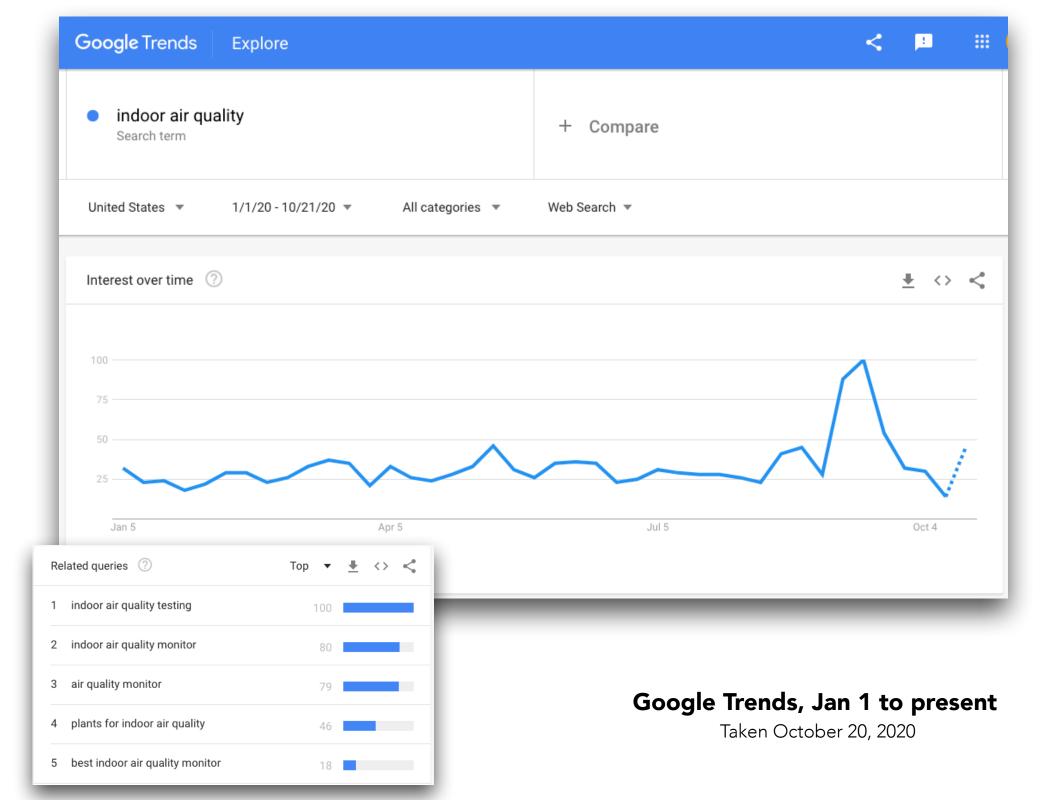
RISING	
air purifier covid	Breakout
best air purifier 2020	Breakout
air purifier coronavirus	Breakout
hepa air purifier covid	Breakout
air purifier covid 19	Breakout
best air purifier for covid	Breakout
clarifion air purifier	Breakout
wearable air purifier	Breakout
best air purifier for viruses	Breakout
aurabeat air purifier	Breakout
best hepa air purifier 2020	Breakout
honeywell uv air purifier	Breakout
vremi air purifier	Breakout
best home air purifier 2020	Breakout
mahli air purifier	Breakout
iwave-r air purifier	4400%
azeus air purifier	4250%
colzer air purifier	2900%
oxypure smart air purifier	2900%
lg air purifier mask	2850%
nuwave oxypure smart air purifie	2800%
dyson bp01 pure cool me air purit	1350%
medi air purifier	1350%
air purifier for viruses	1250%
air purifier with uv light	1200%

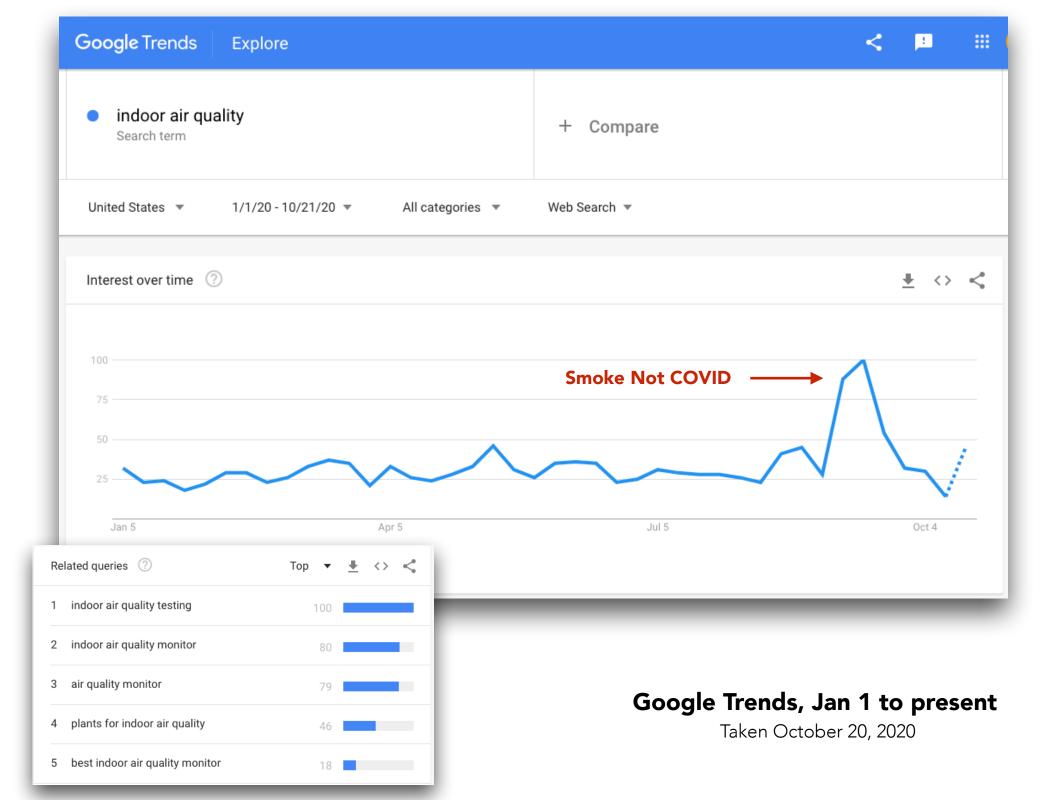
Taken April 20, 2020

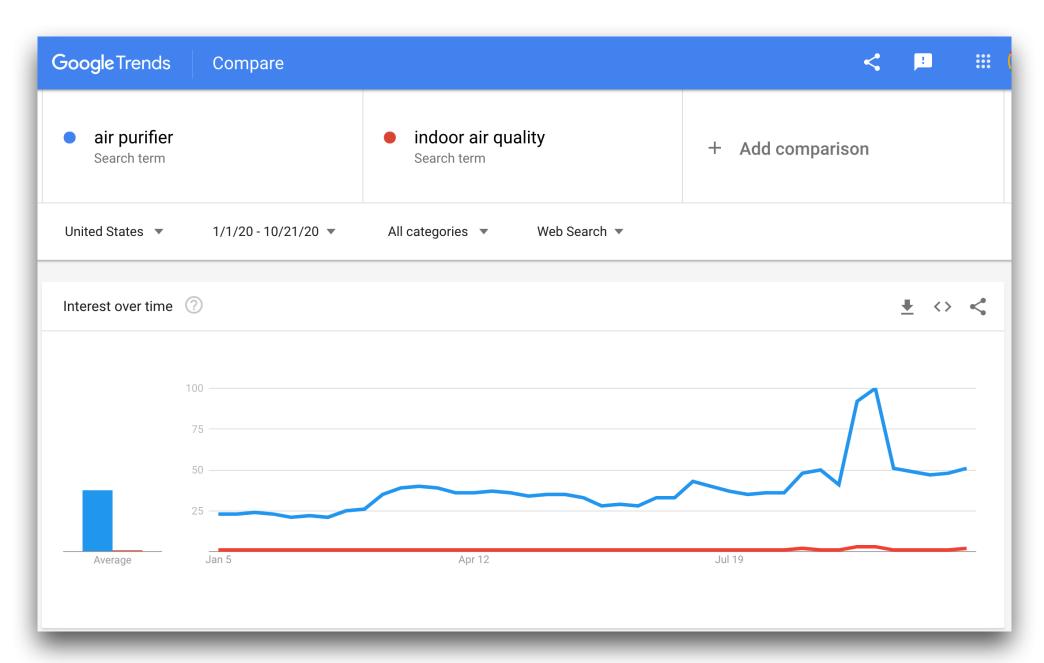
**Taken July 14, 2020** 

**Taken Oct 20, 2020** 









Google Trends, Jan 1 to present

Taken October 20, 2020

#### HEALTH

#### We Need to Talk About Ventilation

How is it that six months into a respiratory pandemic, we are still doing so little to mitigate airborne transmission?

**ZEYNEP TUFEKCI JULY 30, 2020** 



MILLENNIUM IMAGES / GALLERY STOCK







 $\sim$ 

I recently took a drive-through COVID-19 test at the University of North Carolina. Everything was well organized and efficient: I was swabbed for 15 uncomfortable seconds and sent home with two pages of instructions on what to do if I were to test positive, and what precautions people living with or tending to COVID-19 patients should take. The instructions included many detailed sections devoted to preventing transmission via surfaces, and also went into great detail about laundry, disinfectants,



#### MORE STORIES

Hygiene Theater Is a Huge Waste of Time





Deep Clean, Then Clean Again





Social Distancing Is Not





# Ventilation and air filtration play a key role in preventing the spread of COVID-19 indoors

As schools and offices open up, here's what building managers should do to reduce SARS-CoV-2 particles in the air we breathe

Ramon Padilla, USA TODAY

Updated 7:38 p.m. EDT Oct. 19, 2020

s the nation reopens after COVID-19 restrictions, people across the country are making decisions about going back to the office or putting their children back in classrooms. But how can you make the right call? We asked the experts how to improve indoor air quality, and what questions to ask your boss or school administrator.

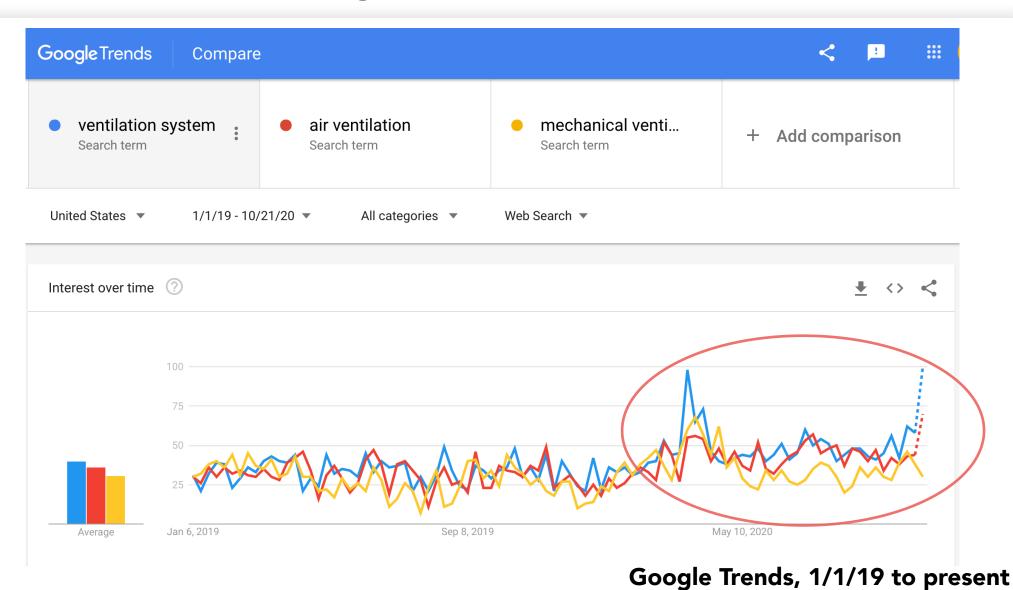
"Often indoors, people are the source of contaminants," says Dr. Shelly Miller, a professor of mechanical engineering at the University of Colorado Boulder.

Your chances of being infected depend on the size of the room and the number of people infected with COVID-19 inside.

"When they talk, talk loudly, when they breathe, <u>small</u> <u>respiratory aerosols are released</u>," Miller said.

If you're in a classroom, office or other enclosed space, these aerosols can build up over time.

#### Ventilation Rising?





Taken October 20, 2020

Shelton Grp

# 72%

believe their house has a moderate to strong impact on their health

Source: Energy Pulse™, Shelton Group, 2019

Shelton

Which has often led to considering upgrades to ventilation systems

51%

of consumers say it is important to upgrade the air ventilation system in their homes

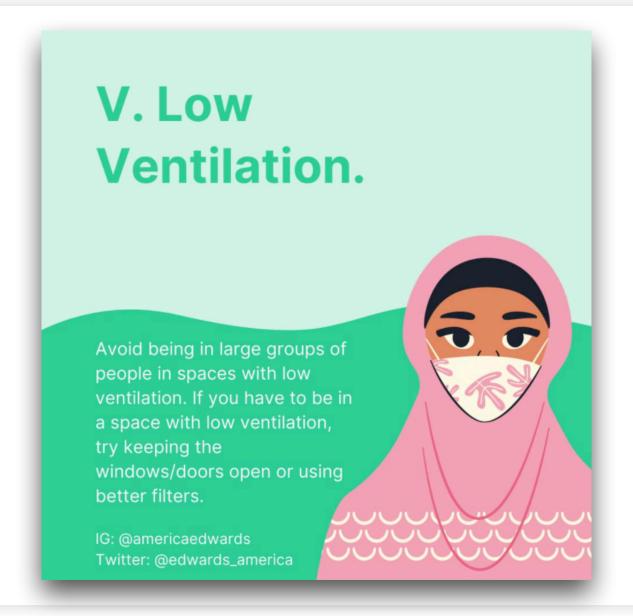
Source: Energy Pulse™, Shelton Group, 2019

### My Premise

# Most retrofit ventilation is sold as a requirement of a home tightening project



#### Who the Heck Knows?





#### Observations from Energy Circle Data

Shift from Testing to Fixing

Pre-COVID: Is there something wrong with my home?

Post-COVID: How to make my home more virus safe?

Time At Home + Health Concerns = Opportunity

Work from home trend is permanent

Remodeling & Home Performance sectors are thriving

 Economic Stress —> Efficiency/Conservation Demand Returning?

Some initial signs of improvement

Tightening Up and Ventilation at Odds?

Expecting significant confusion

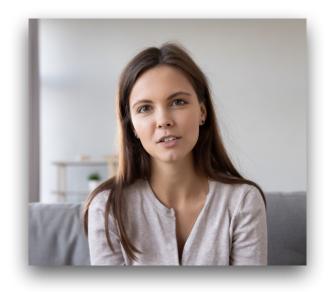


### The COVID-era Homeowner Personas



C'mon in Jim

Unperturbed
No outward signs of concern



**Cautious Kristina** 

Expects new protocols
Respects overcommunication
Will put you to the test



**Hell No Helen** 

Nothing is important enough to let you in my house



# PREPARING FOR THE COVID HEALTHY HOME BOUNCE

# Pathway to Meaningful Business





MEASURES WITH BUSINESS VALUE

# Pathway to Meaningful Business

# 1 DIAGNOSTIC PROCESS

- Onsite Visual Assessment
- Pressure Test
- CAZ
- IAQ Logging
- Ventilation Assessment?



# MEASURES WITH BUSINESS VALUE

# Pathway to Meaningful Business

# 1 DIAGNOSTIC PROCESS

- Onsite Visual Assessment
- Pressure Test
- CAZ
- IAQ Logging
- Ventilation Assessment?



- Whole House Ventilation
- Envelope Control (air leakage)
- Crawlspace Encapsulation
- Duct Cleaning and Sealing
- Moisture Control
- Equipment Replacement





# THE HEALTHIER HOME CUSTOMER JOURNEY

# Healthier Homes Customer Journey

**General Awareness** 

Health & Home Connection

The Fix

# IS YOUR HOUSE MAKING YOU SICK? IS IT HEALTHY?

Connecting Health Concerns/ COVID Safety with the Home Environment

### WE CAN ANSWER THAT QUESTION

Diagnostic Process/Ventilation Eval Role of the Building

#### **NOT A BANDAID SOLUTION**

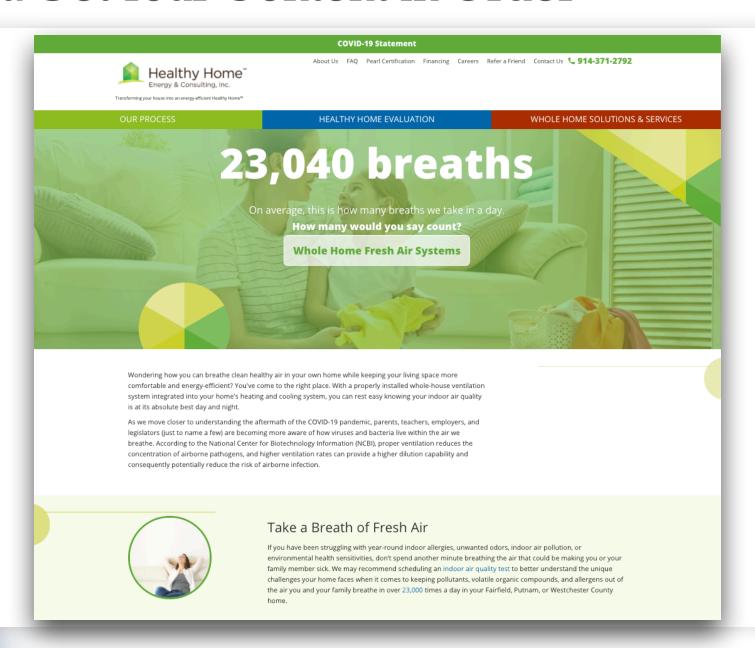
Likely a home improvement job Long term vs short term fix





### **General Awareness**

### First: Get Your Content in Order





# Shifting the Narrative (and the Keywords)

### **HRV/ERV**







Building	New Building
Science	Science
Measure	Terminology
Indoor Environment System (cont.)	
Dilution - Whole- House Ventilation	Fresh Air System
Supply-Only	Fresh Air Supply
Ventilation	System
Exhaust-Only	Fresh Air Exhaust
Ventilation	System
Balanced	Fresh Air Balanced
Ventilation	System
Properly Installed	Professionally-
Whole-House	Installed Fresh Air
Ventilation	System

February 2015



### **DOE Home Improvement Expert Program**

ENERGY

ENERGY Office of ENERGY EFFICIENCY

Home Improvement Expert™ Checklist

Balanced HRV/ERV

This U.S. Department of Energy checklist includes important si and quality installation. All work shall comply with these specifi manufacturer installation instructions. The contractor shall check at the bottom to certify the work is completed.

HOME IMPROVEMENT EXPERT

PREF	ARATION		ENCLOSURE UPGRADES
	For continuous operation, the target ventilation rate for the home shall be b 70 cfm for 1,501 to 2,500 ft <sup>2</sup> , and 100 cfm over 2,500 ft <sup>2</sup> . For intermittent op		Attic Air Sealing and Insulation
П	target ventilation rate specified above ( three times the target ventilation air flo	e.g., if the controller operates the air	Basement Wall Insulation
	Appropriate ventilation equipment shall	Framed Wall Insulation	
INST	ALLATION		Masonry Wall Insulation
	The ERW/HRV shall either be connected to the central air handler and use th supply ducts. Return air intakes can either be individually ducted from sever or the ERV/HRV can use the HVAC system returns. It is recommended that e supply, or one ducted return, or both.		Home Air Sealing
			Vented to Unvented Attic
	An HRV/ERV that is connected to the o unit when the ventilator is off. Each occ	Vented to Unvented Crawl Sp	
	Outdoor air shall be filtered with a MERV 11 filter or higher, and the pressure. The filter shall be installed to be easily accessible by occupants.		Window Replacement
	What for a hall be a short a day the construction through a fight a day to see the state.		HEATING & COOLING  Air Conditioner Replacement
	The subscribed and analysis and all her because a subscribed and the subscribed and the boson of		Gas Furnace Replacement
	Outdoor air intakes shall be equipped with screens to keep out insects and o prevent water intrusion, and sealed with caulk or spray foam where the edge		Heat Pump Replacement
	infiltration of exterior air into the home.		Duct Sealing and Insulation
H	All duct seams and connections shall be sealed with mastic or UL 181 tape.  Ducts installed outside of the thermal envelope shall be insulated to a minim		Oil or Gas Boiler Replacement
COMMISSIONING		HOT WATER HEATING	
	The ventilation rate shall be measured using a flow hood, flow grid, or anem		Gas Tank Water Heater
_	RESNET/ICC 380-2016, to ensure that the fan is providing the minimum ven  All operation and maintenance procedures shall be reviewed with the home		Gas Tankless Water Heater
屵			Heat Pump Water Heater
ш	All operation and maintenance procedu	ures shall be reviewed with the home	FRESH AIR SYSTEM
I hereby certify that, to the best of my knowledge and ability, all checked i accomplished as part of completion of this home upgrade.			Bathroom Exhaust Fan
Cor	tractor Signature:		Kitchen Exhaust Fan
Cor	tracting Organization:		Balanced HRV/ERV
		THE U.S. DEPARTMENT OF ENERGY DOES NOT WE	Balanced Supply plus Exhaust
24.7	FAATHINT OF		Supply Integrated with HVAC
-	IERGY	For more resources, visit basc.pnnl.gov/home-improvement	
OM/c ENE	e of RGY EFFICIENCY &	PNNL-SA-139926 • March 2019	

RE UPGRADES aling and Insulation Vall Insulation Il Insulation all Insulation ealing Invented Attic Invented Crawl Space placement & COOLING oner Replacement e Replacement Replacement a and Insulation Boiler Replacement ER HEATING ater Heater s Water Heater Water Heater R SYSTEM xhaust Fan aust Fan RV/FRV

ENERGY

Office of
ENERGY EFFICIENCY

For more resources, visit basc.pnnl.gov/home-improvement-exper PNNL-SA-139926 • March 2019

#### PROPER SEQUENCII

Through the U.S. Depart research program, experoptimizing whole-house includes a recommender (shown below) to help etheir upgrade investment safety, indoor air quality.

#### STEP 1: ENSURE SA

Have experts assess of efficiency and identify health, and safety issue

#### STEP 2: ENSURE FF

STEP 3: ENSURE M

#### of walls to dry by addi

STEP 4: ENSURE D

#### SIEF 4: ENSURE

Capture air sealing op insulation is installed.

#### STEP 5: ENSURE TH

Insulate at least to the for your location after quality, and moisture n

#### ANYTIME: EQUIPM

Replace heating and o windows, appliances, I they fail or become ou qualified products or b more efficiently.

#### ENERGY & RENEWABLE ENERGY

ing whole-house s a recommende below) to help e sograde investmer indoor air quality WHY HOME IMPROVEMENT

#### EXPERT?

An easy way to get a quality job.

Research findings reveal significantly reduced energy savings and potential performance risks where home improvements are not properly installed. To help homeowners address this challenge, the U.S. Department of Energy has compiled world-class expert guidance from industry leaders and national laboratories in factsheets and checklists under the name Home Improvement Expert. Homeowners can leverage these expert recommendations to help ensure quality installation by attaching Home Improvement Expert checklists to vendor contracts and ensuring the vendor completes and signs the checklist before accepting the work.

#### READY TO DO MORE?

This factsheet and accompanying checklist cover one of more than 20 home improvements covered by the U.S. Department of Energy Home Improvement Expert. Use them to help optimize energy savings and improve performance related to comfort, health, safety, and durability.

To download other checklists: <u>basc.pnnl.</u> gov/home-improvement-expert

For more customized home improvement recommendations:

- Get your Home Energy Score from a qualified assessor (www.home-energyscore.gov)
- Schedule an expert assessment through Home Performance with ENERGY STAR® (www.energystar.gov/ homeperformance).

### Home Improvement Expert™ Factsheet Balanced HRV/ERV



#### ENEFITS

Installed correctly, a whole-house fresh air system with heat recovery can help ensure a healthier and more comfortable indoor environment with optimum efficiency.

Contaminants in homes can trigger asthma and allergy attacks as well as other health problems. Whole-house fresh air systems dilute, exhaust, and filter these contaminants. Balanced ventilation systems like heat recovery ventilators (ERVs) bring in fresh outside air and distribute it throughout the home using either their own dedicated ducts or the home's central heating and cooling system ducts. While bringing in this fresh air, the ERV/HRV exhausts an equal amount of stale air from the home, ensuring balanced pressures throughout the home. The incoming and outgoing air pass through a heat exchanger where heat is transferred from the warmer air stream to the cooler air stream, thus heating incoming air in the winter and cooling incoming air in the summer. An ERV also transfers moisture.

#### RELATED HOME IMPROVEMENT CONSIDERATIONS

Before purchasing a balanced whole-house fresh air system, consider working with a qualified home energy assessor to evaluate other related home performance needs and opportunities. This includes:

- duct sealing to ensure effective whole-house ventilation when existing heating and cooling ducts are used to distribute fresh air;
- · bathroom and kitchen exhaust fans that remove contaminants, moisture, and odors;
- integration of high-capture filters in the heating and cooling system return duct to more effectively remove particulates from the air you breathe.

For more information on ventilation, please search the Building America Solution Center, basc.pnnl.gov.

#### TIPS FOR HIRING A CONTRACTOR

- . Look for licensed, insured, and certified contractors.
- Check references and reviews on home improvement web sites.
- Get multiple bids in writing.
- Check with your utility and state, local, and federal weatherization programs for rebates and incentives.
- Include the Home Improvement Expert<sup>™</sup> checklist in bids and contracts to ensure quality installation.
- Consider using a Residential Energy Services Network (RESNET) certified Home Energy Rating System (HERS) rater, Building Performance Institute (BPI) certified Building Analyst, or other qualified professional (e.g., licensed engineer or architect) to inspect the work.

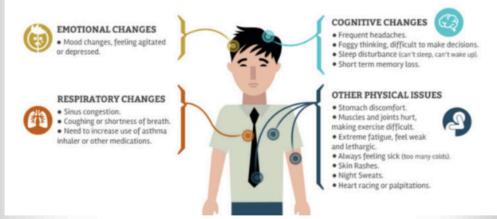
# Fear Can Be Good Marketing





### Health Symptoms

The symptoms most commonly reported by those affected by a "sick house" are many and varied, depending on the sensitivity of the person and the severity of the issues in the home. These are only a few of the more common symptoms.



### Is Your House Making You Sick?

Posted on March 30, 2017 by Dana Sundblad

The symptoms most commonly reported by those affected by a "sick house" are many and varied, depending on the sensitivity of the person and the severity of the issues in the home. Common symptoms usually fall into a few broad categories:

- Respiratory Symptoms congestion, aggravated asthma or allergies, sinus infections
- Cognitive Issues foggy thinking, sleep disturbance, frequent headaches
- Emotional Changes feeling agitated or depressed
- Physical Symptoms stomach discomfort, muscle aches, fatigue, rashes, sore throat

# IMPROVE YOUR HOME'S INDOOR AIR QUALITY & AVOID ALLERGIES Did you know that about half of all allergies are triggered by poor indoor air quality? Reduce allergy and asthma symptoms by improving your home's IAQ.

#### WHAT'S CAUSING ALLERGIES IN YOUR HOME?



.

001

urniture, floors and candles can cause skin, eye and throat irritation





Pet dander can linger



#### WHAT CAN YOU DO TO IMPROVE YOUR HOME'S INDOOR AIR QUALITY?



#### 1. VENT EXCESS MOISTURE

Air sealing and insulation can both help to reduce moisture infiltration.



#### 2. REDUCE HUMIDITY LEVELS

Avoid potential mold growth by keeping your home's humidity levels between



#### 3. CLEAN OFTEN

Wash your bedding and vacuum your carpets on a regular basis to reduce buildup of dust/debris.



#### 4. CUT BACK ON CHEMICALS

Make sure to clean using natural products to avoid introducing dangerous VOCs into your home's air.



#### 5. MAINTAIN YOUR HVAC UNITS

Clean or replace your systems' air filters regularly, and have them serviced at least once a year.



Air sealing can prevent moisture and other outside pollutants from entering your home.



Prevent excess humidity to keep your home healthy and comfortable.

Start breathing healthy air and avoid allergies with help from Energy Smart Home Improvement. Contact us to schedule a consultation for your home today.



(717) 258-6574 paenergysmart.com





# **Embrace Healthy Homes Principles**

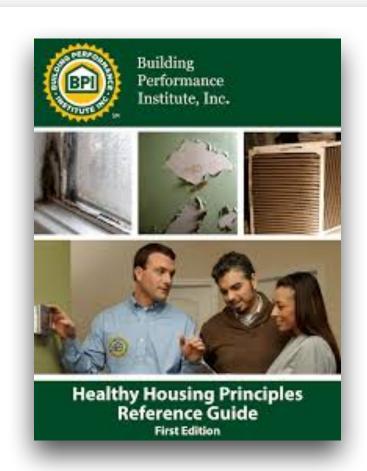
- Minimize indoor emissions.
- Keep it dry.
- Ventilate well.
- Protect against outdoor pollution.

William W Nazaroff, PhD Daniel Tellep Distinguished Professor of Engineering University of California, Berkeley Editor, Indoor Air



# **BPI Keep It Principles**

- Keep it Clean
- Keep it Dry
- Keep it Pest-free
- Keep it Contaminant-free
- Keep it Safe
- Keep it Ventilated
- Keep it Comfortable
- Keep it Maintained

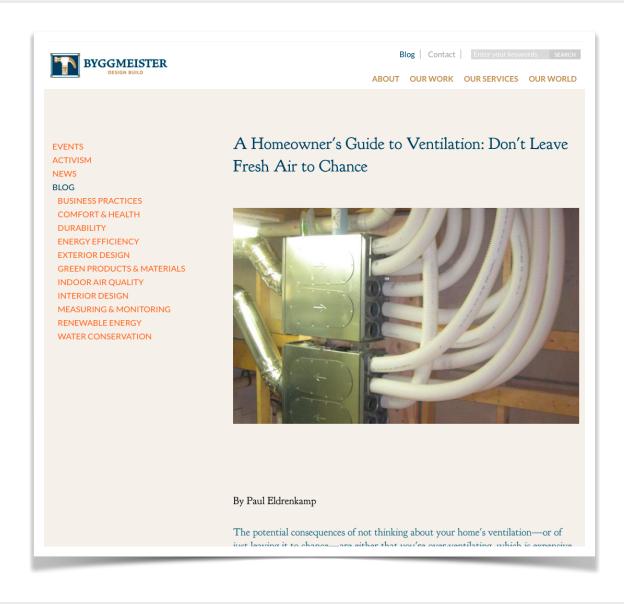


Building Performance Institute Healthy Housing Principles Reference Guide



# Relevant Content & Messaging

- Healthy home topics
   The indoor environment
   Healthy Home & IAQ
   Energy Costs & Clean Air
   Comfort
   Reliability/Resiliency
   Lighting
   Acoustics
- Specific services
- Expertise
- FRESHNESS!



### Content That Connects Health & Home

- Air Purifiers & COVID-19
- The Air in Your House--Where's it Come From?
- Is Your House Making You Sick?
- The Benefits of a Fresh Air Ventilation System
- Your House, Your Kids and Asthma
- Low Levels of Carbon Monoxide--Are You Safe?
- Pests in Your Walls--Not Just an Annoyance
- Choosing Healthy Materials for Your Home

**Getting Found = Having Content** 



# **Long From Storytelling:**

Advanced Landing Pages



#### Is Your House Making Your Family Sick?

Without a whole-home approach, issues can arise that may lead to health concerns, like mold growth, poor ventilation, radon gas infiltration, and poor indoor air quality, issues like these can affect the health of your entire family. Symptoms may vary from person to person, so it's important to know about the many

#### **Physical Symptoms**

- · Fatigue, weakness & lethargy Frequent sickness

#### Cognitive Symptoms

- Foggy thinking or short term memory loss . Difficulty sleeping and waking up



#### **Emotional Symptoms**

- . Feeling agitated or depressed
- Worry or anxiety

#### **Respiratory Symptoms**

- · Coughing or shortness of breath
- Increased asthma symptoms

#### Pets

Pets can be even more sensitive than humans are to household chemicals and allergens

#### Does This Sound Like You?

I think my house is making me sick. I get headaches and feel dizzy but it all goes away when I leave the hous



My hardwood floors are warping I have a lot of moisture in my crawlspace from the recent rain and it's messing up my floors!



The house smells damp and musty but I can't figure out where it's coming from or what's causing it

#### Which Symptoms are you Seeing in Your Home?

#### (1) Excess Dust & Dirt

- House looks dingy, even after it's been cleaned
- Increased allergy symptoms, especially after cleaning
   Frequent dusting, especially after turning on the heat or AC

#### (2) Condensation & Mold Growth

- Condensation on the inside of windows in the winter
- Visible mold growth in bathrooms, on window sills, on air registers, etc.
- Mold stains on bathroom ceilings and above leaky windows & doors

#### 3 Unpleasant Odors

- House smells when you first enter, or certain rooms smell
- . Musty or moldy smells you can't get rid of

#### (4) Humidity Issues

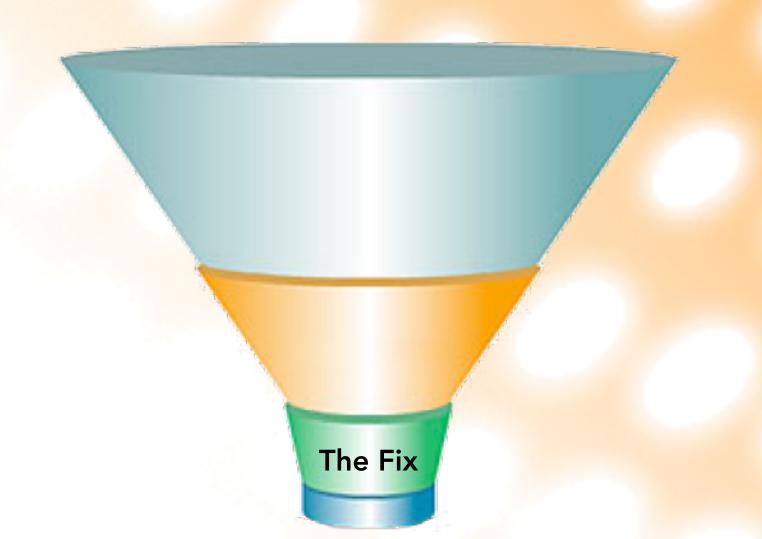
- Air feels damp or clammy, even when the air conditioning is running.

#### (5) Temperature Discomfort

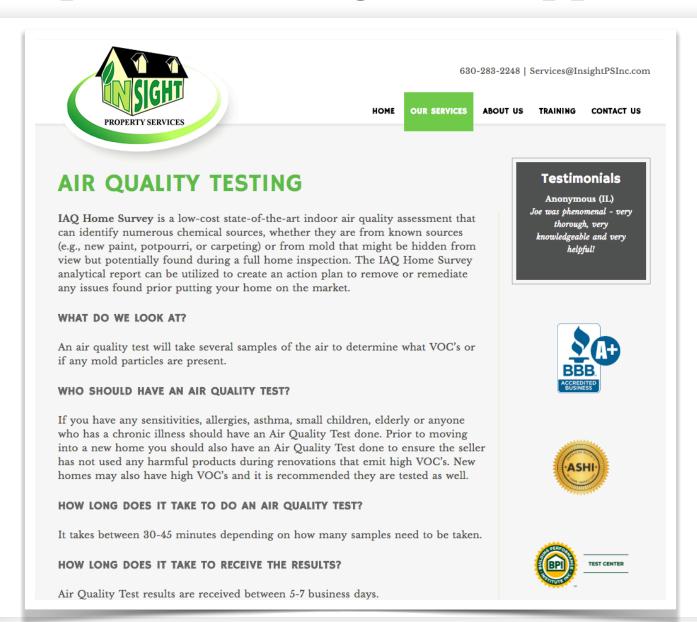
- · Home is always too hot or too cold
- · House feels drafty, especially during the winte







# First: Explain Your Diagnostic Approach





### Communicate Your Services

- Envelope Control (air leakage)
- Whole House Ventilation
- Crawlspace Encapsulation
- Duct cleaning and sealing
- Moisture Control
- Equipment Replacement



## The Ultimate Indoor Air Quality System

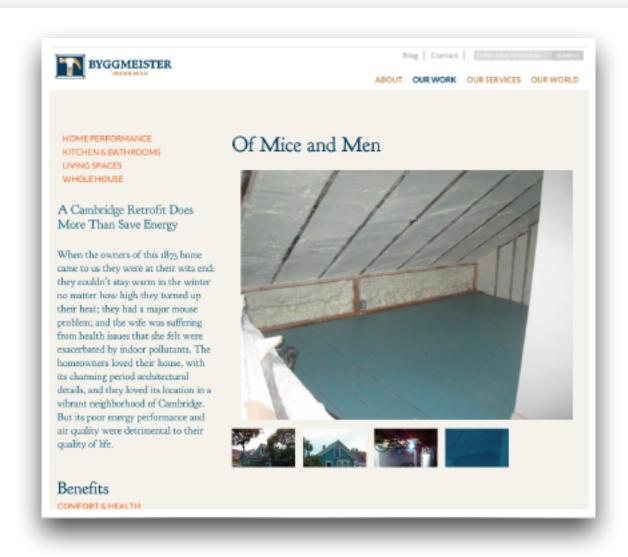
Breathe Easy Home's Indoor Air Quality System removes allergy and asthma triggers, and other irritants and pollutants, from your home's indoor environment. We make structural improvements that are more effective than store-bought air purifiers, filter upgrades, HEPA vacuums, or bedding wraps.

You'll feel better with healthier air.

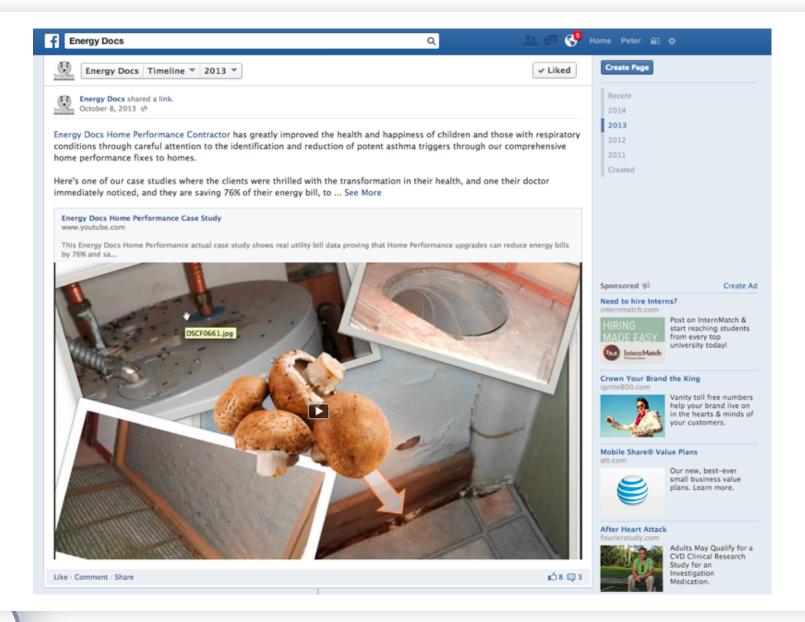


### **Use Case Studies**

- Measures We Implemented
- Voice of the Client



# Social Media for Storytelling & Emotion





### Voice of the Customer: Priceless

LOVE OUR HOME!!! There just aren't enough good words to express what Energy Docs has done for us! For the first time since owning this home we have a PG&E bill that is less than \$1500, even less than \$300!!! and for the first time in 12 years our son has made it through his first December without a trip to the hospital because our air quality is so much better! This project has improved our lives in more ways than we could have imagined. Thank You So Much

Unlike - Comment - Tuesday at 9:42pm



You like this.



# Customer Journey Example: Facebook

Don't forget this important spring cleaning task! https://goo.gl/qzZaHM

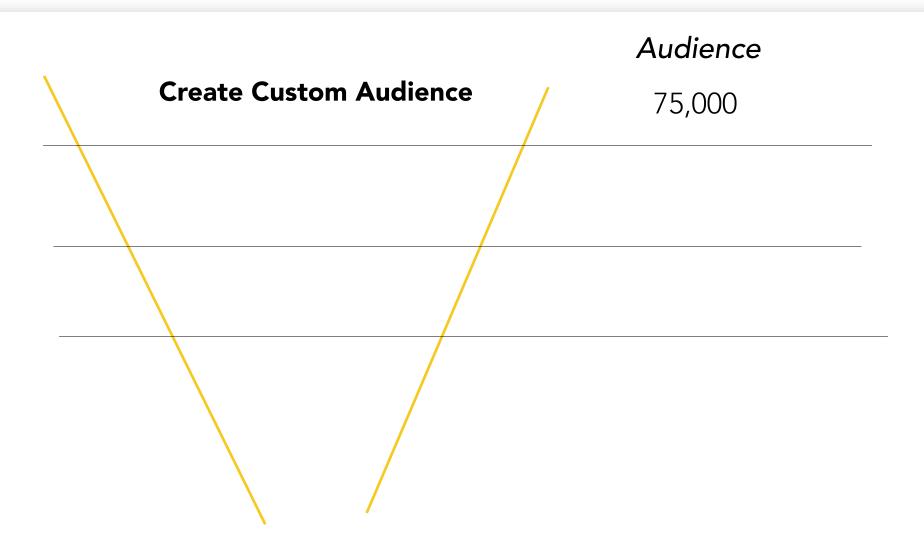


# Add a Healthy Home Evaluation to Your Spring Cleaning List

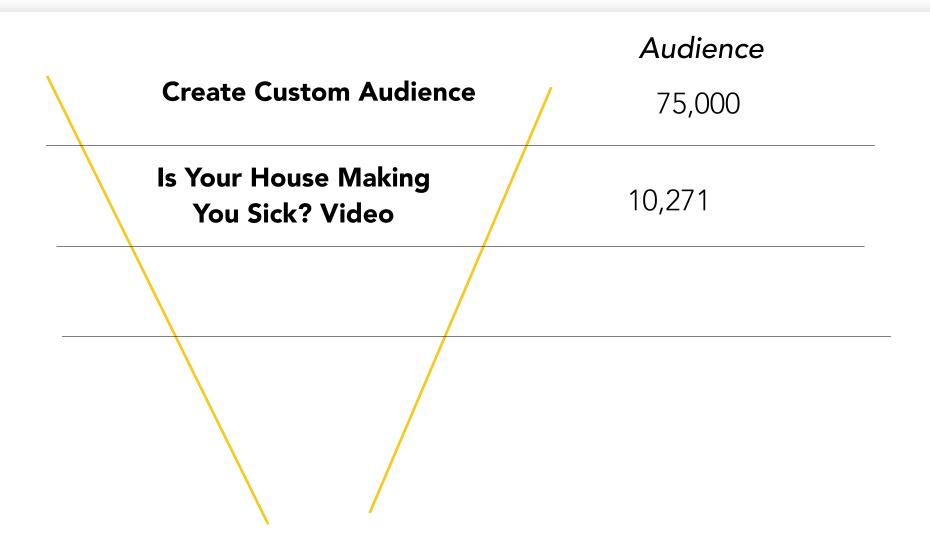
With the weather finally warming up and the days getting longer, you're probably itching to tackle some projects around the house. Maybe you've caught the...

**Learn More** 











Create Custom Audience	<b>Audience</b> 75,000
Is Your House Making You Sick? Video	10,271
Joy of Whole House Ventilation Video	5,762



	Audience
Create Custom Audience	75,000
Is Your House Making You Sick? Video	10,271
Joy of Whole House Ventilation Video	5,762
Should You Test Your Home?	~2500

**Web Visits & Lead Conversions** 





# QUESTIONS?

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