



**Knowledge is power.**  
Learn about the air in your home.





# Get to know your air.

Maintaining ideal indoor air quality levels is a balancing act. Too much or too little of any factor can have a big impact on your family in ways big and small. That's why maintaining better air quality is important to your quality of life and understanding how key factors impact it can go a long way to optimizing the air in your home.

To find out if your air quality isn't in control, ask an HVAC professional to do an air quality assessment. If you find areas for improvement, Resideo has a full range of whole home solutions to help. But first, let's begin your air quality education with a brief overview of some of the usual suspects that can cause air quality concerns.



## TEMPERATURE

Some like it warmer, while others find comfort when it's cool. For maximum comfort, the temperature should be fairly uniform, with fluctuations of less than 2-3 degrees.



## CARBON DIOXIDE

Humans take in oxygen and exhale carbon dioxide. Your house needs adequate ventilation to remove it.



## PARTICLES

Indoor and outdoor air is filled with both visible and microscopic particles. When these particles enter our homes, they can signal comfort issues and damage appliances.



## RELATIVE HUMIDITY

Too little moisture can cause dry skin and even structural damage to the home — too much can lead to humid conditions and mold growth.



## ODORS AND SMELLS

Items in your home and the activities inside it cause odors (like burning a candle or painting a bedroom).



## CARBON MONOXIDE

Carbon monoxide is colorless and odorless, many people wouldn't even know if there's a harmful issue in their home.



# Comfort control

Take back control of areas in your home where the temperature is never just right. Find the balance you're looking for with Resideo solutions and start enjoying improved home comfort.



## PRESTIGE® IQA THERMOSTAT

**High-definition, full-color display:** Can be easily read and changed to match your home's décor

**Portable comfort control:** Sense and control temperature from anywhere in your home by using a remote

**Whole home systems control:** Easily control up to three systems including humidification, dehumidification, air conditioning, and ventilation

THX9421R5021WW/U



## T10 PRO SMART THERMOSTAT WITH SMART ROOM SENSOR

**Multi-room prioritization:** Extend the reach of the thermostat when you pair Smart Room Sensors

**Smart temperature control:** Set auto-timers, enable motion detection or automate home and away modes to optimize comfort and help save energy no matter where you are

**Whole home systems control:** Easily control one humidification, dehumidification or ventilation solution

THX321WFS2001W/U, THX321WF2003W/U (without sensor)



## VISIONPRO® 8000 SMART THERMOSTAT

**Guided setup:** On-screen menus guide you through the setup process

**Wireless accessories:** Manage frost and condensation, check outdoor temperature and humidity and adjust your system from anywhere in your home

**Whole home systems control:** Integrate and manage humidification, dehumidification and ventilation systems

TH8321R1001/U



## T6 PRO SMART THERMOSTAT

**Simple set-up and scheduling:** Set up at the wall on the thermostat or use our app

**Location-based temperature control:** Automate home and away modes to optimize comfort and help save energy no matter where you are

**Whole home systems control:** Easily control ventilation

TH6320WF2003/U

### Tips for improving comfort

- Acceptable in-home temperatures range from 68° - 75°F
- For every ten guests, turn your thermostat down two degrees
- Choose a thermostat that can be automated to meet your preferences and your budget
- To save energy, check with your local utility company for available demand response programs

### Connected partners



# Humidification & Dehumidification

Air that is too dry soaks up everything it touches – your home’s woodwork, wood floors, and furnishings. Air with too much moisture can leave you feeling sticky and your windows full of condensation. Portable dehumidifiers and humidifiers may seem like a solution, but they’re not enough for many homes. Our whole home humidification and dehumidification systems target specific problem areas and help improve comfort while using less energy than portable solutions.



## ADVANCED ELECTRODE HUMIDIFIER

**Whole home, on-demand humidification:** Reach an ideal humidity level quickly and consistently

**Quiet operation:** Makes no noise and won't interrupt your day-to-day activities

**Low maintenance:** Access canisters easily for replacement (no special tools required)

**Smart home integration:** Control the humidifier with a connected thermostat\*

HM750A1000/U



## ADVANCED FAN-POWERED HUMIDIFIER

**Whole home, on-demand humidification:** Reach an ideal humidity level quickly and consistently

**Quiet operation:** Makes no noise and won't interrupt your day-to-day activities

**Low maintenance:** Easy filter access makes maintenance and upkeep easier than ever

**Eco-friendly:** Only runs water and air through the system when humidity is needed – cutting water waste up to 50%\*\* and saving energy by eliminating the constant cycling of air

HE300A1005/U



## ADVANCED BYPASS HUMIDIFIER

**Whole home, evaporative humidification:** Reach an ideal humidity level quickly and consistently

**Low maintenance:** Easy filter access makes maintenance and upkeep easier than ever

**Quiet operation:** Won't interrupt your day-to-day activities

**Eco-friendly:** Only runs water and air through the system when humidity is needed, and can save as much as 5,500 gallons of water per year\*\*\*

HE250A1005/U



## WHOLE-HOUSE DEHUMIDIFICATION SYSTEMS

**Whole home dehumidification and ventilation:** Installed in your existing ductwork, whole home dehumidifiers can remove up to 120 pints of moisture per day, depending on the model. Onboard blowers bring fresh, filtered air into your home. For moisture control in attics or smaller spaces, the DR65 dehumidifier can be centrally ducted or used as a ductless solution.

**Minimal maintenance:** Drains automatically and only requires an air filter replacement once per year

**Energy savings:** ENERGY STAR® rated and reduces demand on AC units

DR65A3000/U

\*Smart thermostats that control humidification include the Honeywell Home T10 Pro Smart with and without Smart Room Sensor, T6 Pro Smart, Prestige® IAQ and VisionPRO® 8000 Smart Thermostat.

\*\* Up to 50% less water waste on Fan-Powered and up to 30% less water waste on Advanced Bypass models. Based on a continuous run time of 24 hours with system specifications set according to ASHRAE Guideline 610. \*\*\*Based on a continuous runtime of 24 hours with system specifications set according to ASHRAE guideline 610.





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**Humidification solutions are recommended if you have:**

- Extensive wood furnishings or flooring
- Art collections or musical instruments
- Humidity levels outside of a controlled range of 35-55%

**Dehumidification solutions are recommended if you have:**

- Condensation on walls and windows
  - Extensive wood furnishings or flooring
  - Art collections or musical instruments
  - Portable dehumidifiers in place
  - Humidity levels above 60%
- .....



# Ventilation

If your home is not properly ventilated, indoor air pollutants can get trapped inside your home. Our ventilation systems create efficient air exchange, so you can enjoy fresher air.



## BALANCED VENTILATION SYSTEM

**Whole home ventilation:** Frequently exchanges stale air for fresher air

**Energy/heat recovery:** Ventilates your home while recovering heat and moisture from outgoing air, helping you save energy and money

**Automatic operation:** Simply set it and forget it

VNT5150H1000/U



## FRESH AIR VENTILATION SYSTEM

**Whole home ventilation:** Exchanges stale air for fresh air at regular intervals

**Automatic operation:** Simply set it and forget it

Y8150A1017/U

Ventilation is recommended if you have:

- Lack of fresh air
- Positive Resideo air quality assessment results (“Marginal” or “Needs attention”) for carbon monoxide, carbon dioxide, particles, relative humidity, or odors and smells

## COMPATIBLE PRODUCTS



### T10 PRO SMART THERMOSTAT WITH SMART ROOM SENSOR

THX321WFS2001W/U,  
THX321WF2003W/U (without sensor)



### DIGITAL BATH FAN CONTROL

HVC0001/U



### VISIONPRO® 8000 SMART THERMOSTAT

TH8321R1001/U



### DIGITAL CONTROL HUMIDISTAT

DG115EZIAQ/U



# Filtration

According to the Environmental Protection Agency, indoor air can be two to five times more polluted than outdoor air. Whole home air cleaners can help reduce levels of dust, pollen, mold, and certain bacteria while also improving circulation and the efficiency of your HVAC equipment. Our filtration and ultraviolet systems improve air quality and make maintenance a breeze.



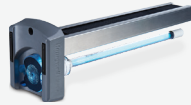
## WHOLE-HOUSE AIR CLEANERS

**Whole home filtration:** Distributes cleaner air through your HVAC system

**Easy filter maintenance:** F100 and F200 air cleaners have easy-to-replace filters that last four times longer than a standard one-inch filter. The F300 model has a washable filter (no replacement needed)

**Widely compatible:** Works with most gas, oil and electric forced air furnaces and AC systems

F300B2012/U



## UV AIR PURIFIER WITH AIRBRIGHT® ODOR ABSORPTION

**Whole home air purifier:** Uses ultraviolet light in your HVAC system to reduce contaminants in your HVAC system such as bacteria and viruses, as well as odors from food and pets

**Minimizes maintenance:** Keeps air conditioning coils clean, avoiding expensive system cleanings

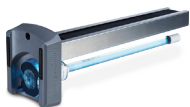
UV2400U5000/U

Filtration and odor solutions are recommended if you have:

- Air conditioning ductwork that needs frequent cleaning
- Portable air cleaners in multiple locations
- Lingering cooking odors
- Pets
- Positive Resideo air quality assessment results (“Marginal” or “Needs attention”) for particles or odors and smells

# Odors and smells

Every home can have a variety of smells. If odors linger in your home, it’s a sign that you need more ventilation to bring in fresh air. Our ventilation and air-cleaning products are energy efficient options to help keep your home fresh.



## UV AIR PURIFIER WITH AIRBRIGHT® ODOR ABSORPTION

**Whole home air purification:** Uses ultraviolet light to remove contaminants in your HVAC system such as bacteria and viruses, as well as odors from food and pets

**Minimizes maintenance:** Keeps coils clean, avoiding expensive professional system cleanings

UV2400U5000/U



## BALANCED VENTILATION SYSTEM

**Whole home ventilation:** Exchanges stale air for fresh air at regular intervals through your HVAC system

**Energy/heat recovery:** Ventilates your home while recovering heat and moisture from outgoing air, saving you energy and money

**Automatic operation:** Simply set it and forget it

VNT5150H1000/U

# Know your air. We can help.

With industry-leading air quality expertise and technology, we can offer comprehensive HVAC solutions and a Resideo air quality assessment to help bring balance and comfort to the places you call home. If you're interested in scheduling a test for your home, reach out to a professional near you.

For more information about how to manage your indoor air quality, visit [resideo.com/knowyourair](https://resideo.com/knowyourair)

## YOUR LOCAL PROFESSIONAL

Name:

Company Name:

Phone:

Email:



### **Resideo Technologies, Inc.**

1985 Douglas Drive North  
Golden Valley, MN 55422  
800.468.1502  
[resideo.com](https://resideo.com)

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