DAIKIN
AIR INTELLIGENCE

HEATING, AIR CONDITIONING, AND INDOOR AIR QUALITY SOLUTIONS.

ONE
ECOSYSTEM

visualize the air

We are *Air Intelligence.*

Air is essential to our existence and Daikin's role and responsibility in enriching it continues to expand. Daikin is devoted, with unbridled passion, to overcoming the ever-evolving challenges of the air around us. Leveraging our leading, cutting-edge technologies, with a holistic focus on performance, reliability, design, aesthetics, air environment, ease of use, and efficiency, we create outstanding products and system solutions to realize a comfortable living environment.

This is ***Air Intelligence***, and this is what Daikin is about.

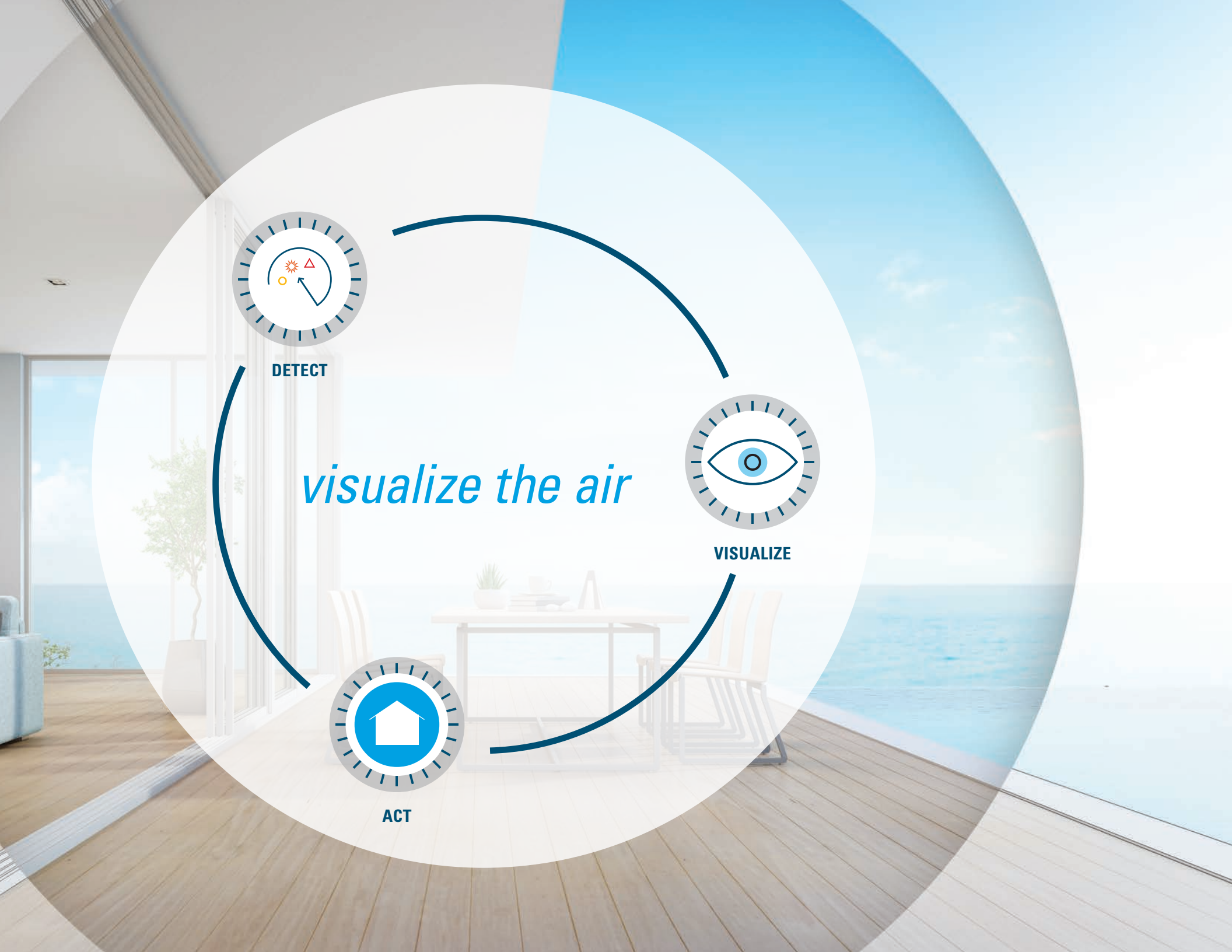
Enjoy Your Space.

Home is where we live, where we laugh, and where we create memories. Since the average American spends 90% of their life indoors,[1] and some indoor pollutants can often be 2 to 5 times higher than typical outdoor concentrations,[2] it is important to live comfortably and take control of the air quality within your home. With the Daikin *One* ecosystem,[3] you can do just that. With solutions to help **DETECT**, **VISUALIZE**, and **ACT**, addressing common indoor air quality (IAQ) issues is possible.

[1] U.S. Environmental Protection Agency. 1989. Report to Congress on indoor air quality: Volume 2. EPA/400/1-89/001C. Washington, DC. (accessed July 2020).

[2] U.S. Environmental Protection Agency. 1987. The total exposure assessment methodology (TEAM) study: Summary and analysis. EPA/600/6-87/002a. Washington, DC. (accessed July 2020).

[3] Components sold separately.


DETECT
visualize the air
VISUALIZE
ACT

Common Indoor Air Quality Issues and Ways to Address Them.

- DETECTION
- VISUALIZATION
- VENTILATION
- FILTRATION
- PURIFICATION
- HUMIDIFICATION
- DEHUMIDIFICATION

AIRBORNE PARTICLES[1]

Airborne particles originates from dust, pets, pollen, smoke, diesel exhaust, and other sources. They can often lead to eye, nose and throat irritation.

SOLUTIONS THAT MAY HELP:

ODORS AND GASES[1]

Produced by indoor activities/items such as cooking, painting, animals, or smoking. Depending on the situation, household odors and gases may cause eye, nose, throat, or lung irritation.

SOLUTIONS THAT MAY HELP:

OZONE[2]

Indoor ozone is primarily a result of outdoor ozone that enters a building. Ozone forms outdoors when air pollutants (emitted by sources such as cars, power/chemical plants) react chemically in the presence of sunlight. Other sources of indoor ozone include some printers, photocopiers, and air cleaners. Based on the level (and the person), ozone may cause chest pain, coughing, shortness of breath, throat irritation, etc.

SOLUTIONS THAT MAY HELP:

[1]www.epa.gov

[2]www3.epa.gov/airnow/ozone-c.pdf

CARBON DIOXIDE[3]

Carbon Dioxide (CO_2) within the home is primarily from humans and pets breathing, and any combustion taking place in the home such as candles, gas stoves, etc. Prolonged exposure may result in tiredness and decreased cognition.

SOLUTIONS THAT MAY HELP:

FORMALDEHYDE[4]

Widely used in manufacturing processes by different industries, it is found in numerous items in the home. Exposure may cause irritation of the skin, eyes, nose, and throat. Prolonged exposure may contribute to some types of cancer.

SOLUTIONS THAT MAY HELP:

HUMIDITY CONTROL

If not controlled, indoor humidity can lead to excess moisture in the home. Indoor humidity is also a sign of an improperly sized system. If not controlled properly, homes can experience mold growth and occupants may experience dry skin or other health issues as a result.

SOLUTIONS THAT MAY HELP:

[3]www.epa.gov/sites/production/files/2014-08/documents/base_3c2o2.pdf

[4]www.epa.gov/indoor-air-quality-iaq/formaldehydes-impact-indoor-air-quality

DETECT.

The Daikin *One* home air monitor monitors and learns baseline air quality in the home, over 7 days, then provides a rolling 7-day average baseline.

When potential particulate and/or chemical events occur outside of this average baseline, the Daikin *One* home air monitor will detect the potential deviation and send alerts.

VISUALIZE.

Visualize the estimated air quality in real-time directly on the Daikin *One*+ smart thermostat or through the smartphone app.

Through the Indoor Air Quality Event Monitor, you will see when particles or chemicals are elevated (compared to the 7-day baseline) to help to understand and control your air. The readings will include alerts for:

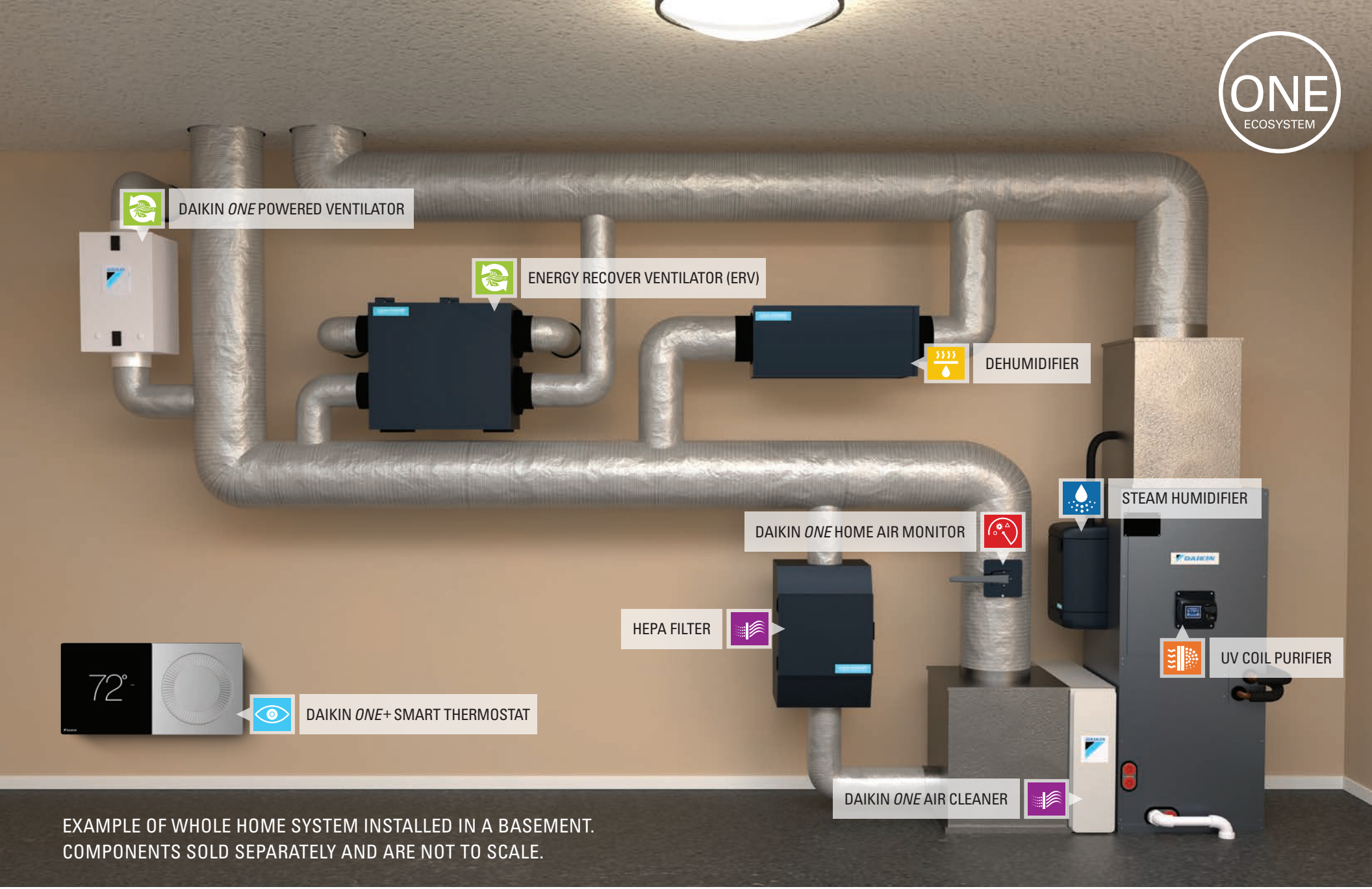
GREEN	YELLOW	ORANGE
TYPICAL	MODERATE	ELEVATED

ACT.

With built-in *Air Intelligence*, the Daikin *One* home air monitor and Daikin *One* ecosystem line provide adaptive solutions based on the air quality alerts.

Based on the installed Daikin *One* ecosystem products, different options are available to help you address the alert.

Use the Daikin *One* powered ventilator to help exhaust contaminates from your garage. This helps prevent them from entering the rest of your home.



EXAMPLE OF WHOLE HOME SYSTEM INSTALLED IN A BASEMENT.
COMPONENTS SOLD SEPARATELY AND ARE NOT TO SCALE.

DETECTION

VISUALIZATION

VENTILATION

FILTRATION

PURIFICATION

HUMIDIFICATION

DEHUMIDIFICATION

Helpful Solutions.

DETECTION

When you add the Daikin *One* home air monitor to your whole home ducted system, it will help detect, visualize, and support actions to improve the indoor air quality within your space.

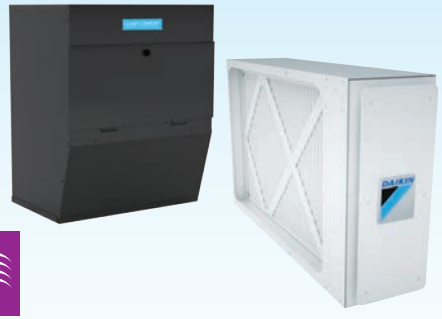
VISUALIZATION

From the Daikin *One*+ smart thermostat, or Daikin *One* Home App on your smartphone, visualize and take action to control the comfort within your space.

VENTILATION

Ventilation systems replace stale indoor air with outdoor air — providing the fresh-air feel of an open window, with minimal heat/energy loss.

- Daikin *One* Powered Ventilator
- Heat Recovery Ventilator (HRV)
- Energy Recovery Ventilator (ERV)



FILTRATION

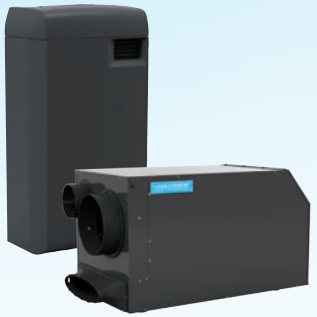
Air filtration systems capture up to 95% of particles ranging in size down to 0.3 microns and keep them from recirculating back into your home's air.

- Daikin *One* Air Cleaner
- HEPA Air Cleaner
- Replacement Filters

PURIFICATION

UV lights shine light onto the cooling coil to reduce the risk of mold growth and odors from damp coils.

- Coil Purifier (For Furnaces & Air Handlers)

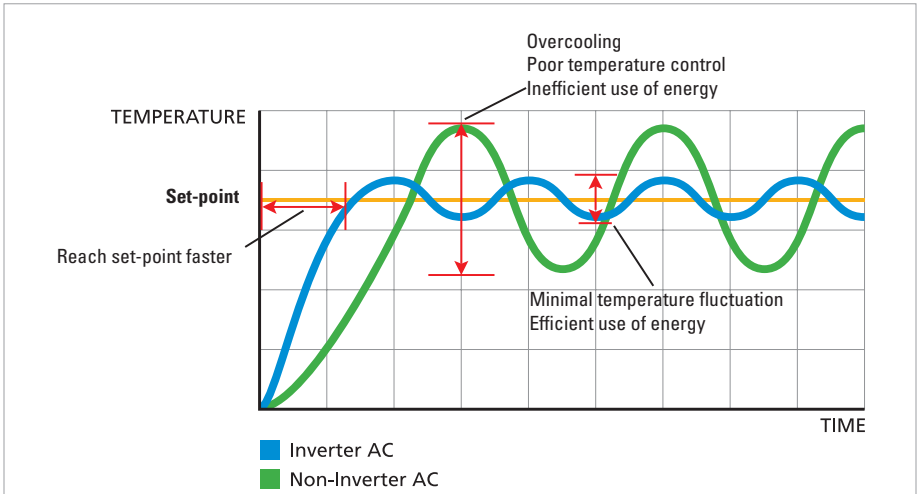


HUMIDITY CONTROL

Dehumidifiers and humidifiers work with the home's heating and cooling system to help maintain a comfortable humidity level in every room. A constant, comfortable humidity setting in your home allows you to lower the setting on your thermostat and still have the same level of comfort, saving energy and money in the process.

- Steam Humidifier
- Bypass Evaporative Humidifier
- Whole House Dehumidifier

FIT



This is a visual depiction of the operation of a Non-Inverter AC system compared to an Inverter AC system.

FLEXIBLE. INNOVATIVE. EFFICIENT.

The Daikin *Fit* system is a side discharge, smart HVAC system that won't compromise on comfort and connects to ducted solutions traditional to the unitary market. The low profile of the outdoor unit offers solutions when a traditional cube style cannot. As a complete system, the Daikin *One* ecosystem and Daikin *Fit* are a perfect fit for a complete system replacement.

COMFORT

The Daikin *Fit* system is an Inverter unit which runs continuously but adjusts the compressor's speed to meet the demand. Because it maintains the temperature consistently, your home will no longer feel too hot or too cold.

INVERTER

Learn more about the benefits of Daikin Inverter technology:
www.daikincomfort.com/go/inverter/

Designed to Fit.

SPACE

Your home is unique, just like your comfort needs. Although traditional "cube style" systems have been providing comfort for years, they can be cumbersome for certain spaces. The compact size of the Daikin *Fit* system now offers you a solution so you no longer have to compromise.

SOUND

Undesirable operational sounds often accompany non-inverter systems, especially in start-up operation. These sounds can become a nuisance in yards or when the system is near a window. With the ability to operate more consistently, at variable-speeds, the Daikin *Fit* system can help bring additional acoustical comfort to any environment (inside and out).

BUDGET

If you're like most families, you want to be comfortable and save money at the same time. When you purchase a Daikin *Fit* system, you're investing in state-of-the-art HVAC technology developed to help you meet budget and efficiency goals.

DETECT WHAT'S
IN THE AIR.

Elevate your Comfort IQ.

At the center of the Daikin *One* ecosystem is the Daikin *One* home air monitor. This small intelligent sensor is designed to be used in conjunction with the Daikin *One+* smart thermostat and is key to monitoring the air quality within your home. When you add the Daikin *One* home air monitor to your home ecosystem solution, it detects, visualizes, and supports actions to help you improve the indoor air quality within your space.

SENSORS DETECT AIRBORNE PARTICLES & CHEMICALS IN THE AIR.

WITH THE **DAIKIN *ONE* AIR CLEANER,** REMOVE* UP TO:

95%
OF AIRBORNE PARTICLES GREATER THAN THREE MICRONS.

99%
OF RAGWEED POLLEN.

73%
OF DUST MITES IN A SINGLE PASS.

* Testing performed by LMS Technologies, Inc.

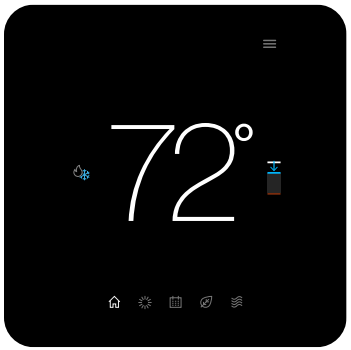
VISUALIZE WITH
AIR INTELLIGENCE.

Seeing is Believing.

Driven by a vision to transform home comfort control, we set out to deliver more than just another thermostat. The Daikin *One+* smart thermostat is an intelligent air controller that gives you control with *Air Intelligence*. With its modern design, this cloud-connected hub of sophistication is the integrated solution for controlling temperature, humidity, and air quality in your home.

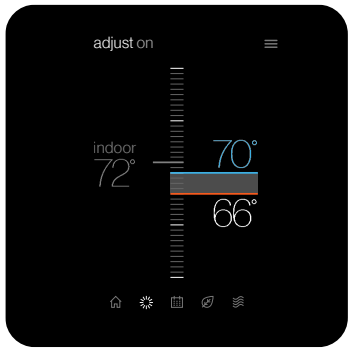
- See indoor temperature and switch modes
- Shift temperature range and adjust set-points
- Run the thermostat on a weekly schedule
- Activate “away” mode to conserve energy
- Monitor air quality and change settings

Comfort You Can See.



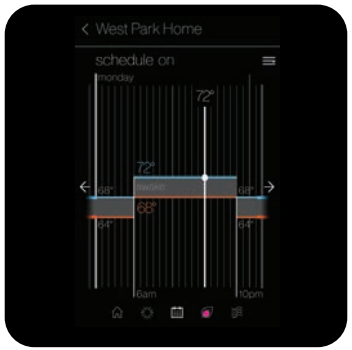
HOME SCREEN

The **HOME SCREEN** displays the current temperature, the current system mode, and icons leading to each of the top level screens.



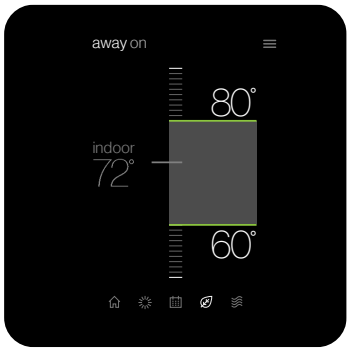
ADJUST SCREEN

The **ADJUST SCREEN** displays the current temperature on the left and set-points on the right. Change the set-points by dragging them or by turning the dial.



SCHEDULE SCREEN

From the **SCHEDULE SCREEN,** you can view upcoming set-point changes and scheduled times. It also offers access to edit mode, where you can adjust the schedule for your system operation modes.



AWAY SCREEN

The **AWAY SCREEN** displays energy saving set-points. Energy saving can be invoked manually or automatically when the mobile app recognizes everyone is away.

AIR QUALITY SCREEN

The **AIR QUALITY SCREEN*** displays indoor air quality (IAQ) levels (when a Daikin *One* home air monitor is also connected). Outdoor air quality and local weather will also be displayed when connected to the internet.

*Actual screen may vary for different indoor unit models. The Daikin *One* home air monitor only works with ducted units.

Access When You Need it Most.

LEARN MORE ABOUT THE DAIKIN *ONE+* SMART THERMOSTAT FEATURES:

YOUTU.BE/CVUFOTTLKDE

DIRECT CONTROL from the Daikin *One+* Smart Thermostat.

Control directly from the thermostat or the Daikin cloud will also seamlessly integrate with open smart home architectures, including *Amazon Alexa* and *Google Assistant*, enabling consumers to effortlessly use features such as voice control.

REMOTE CONTROL via the Daikin *One+* Smart Thermostat App.

An integrated Wi-Fi radio connects to the internet (via a home router) to the cloud and onto the homeowner mobile application.

JUST ASK alexa

works with the Google Assistant

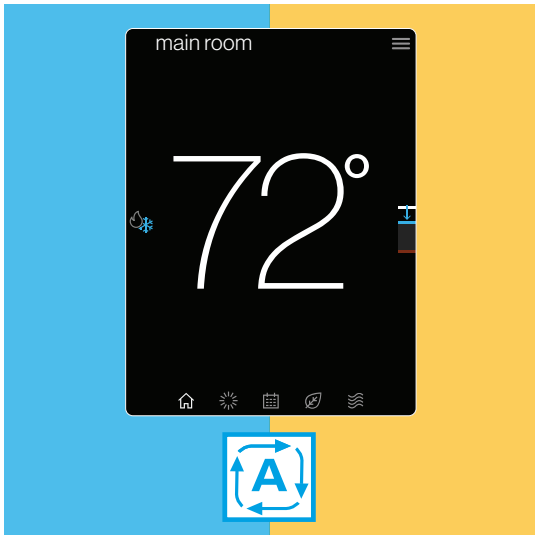
Convenience When it Matters.

GEO-FENCING

The Daikin *One+* smart thermostat supports casual temperature adjustment, automatic settings changes driven by an easy-to-program schedule, and an energy savings mode invoked manually or by geo-fencing on a mobile app. When activated on the app, the system recognizes when everyone is away and changes settings to reduce energy use.

LIGHT BAR

A thin LED light bar sits flush within the bottom surface and runs from edge to edge delicately illuminating the wall beneath. The light bar indicates the current system mode: red for heating and blue for cooling.



AUTO CHANGEOVER

The ability to switch between heating and cooling, automatically.

In addition to the usual heat-only and cool-only modes, Daikin *One+* smart thermostat also has a hassle-free "auto" mode. When switched on, the thermostat automatically heats and cools to keep the indoor temperature within a comfort zone.

TAKE **ACTION** FOR IDEAL COMFORT.

LEARN HOW MUCH YOU COULD SAVE WITH AN INVERTER SYSTEM. VISIT THE DAIKIN EFFICIENCY ADVISOR TODAY:
www.daikincomfort.com/EnergyCalculator

Create Your Happy Place.

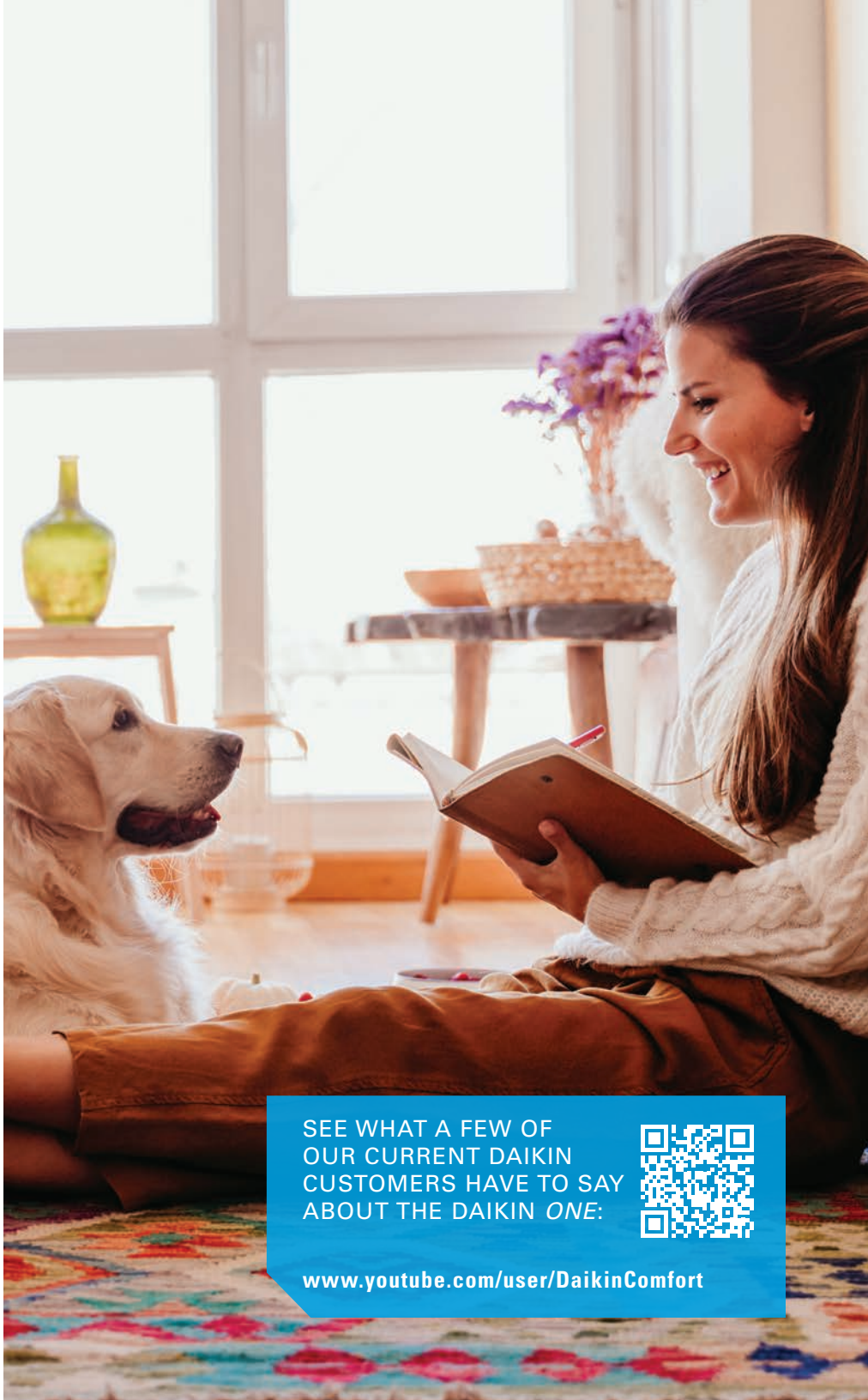
Indoor air quality and comfort concerns are not uncommon. The struggle most homeowners face is not knowing how to address these issues in the best way. With Daikin, your Daikin Pro will work with you to understand concerns, current issues, and other comfort goals to design the best solution for you.

FILTRATION, VENTILATION, PURIFICATION, & HUMIDITY CONTROL

EFFICIENCY CONCERNS

IDEAL COMFORT AND PEACE-OF-MIND

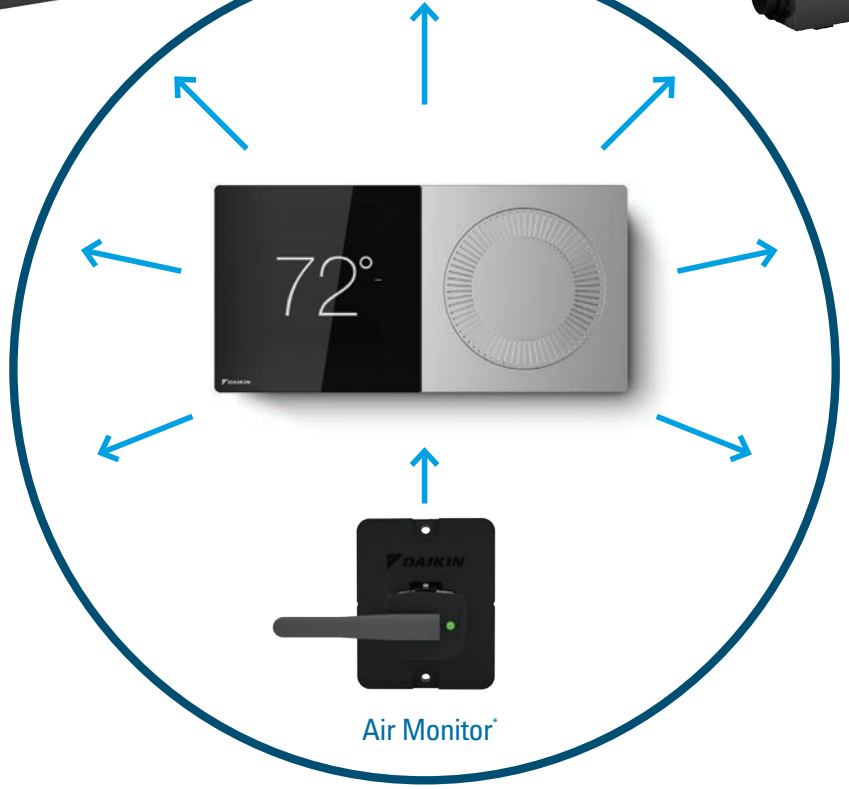
INNOVATIVE CONTROL OPTIONS



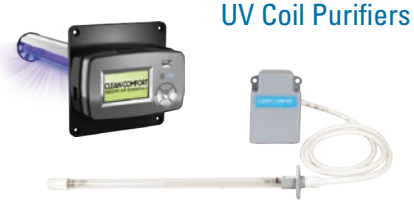
Daikin Communicating HVAC Equipment

Humidity Control

HRV/ERVs



Filtration



UV Coil Purifiers

Media Air Cleaners

Powered Ventilator

Air Monitor*

visualize the air

*The Daikin *One* home air monitor only works with ducted units. Components sold separately.

ONE
ECOSYSTEM

SCAN TO LEARN MORE OR VISIT:
DAIKINCOMFORT.COM/GO/DAIKINONEECOSYSTEM/

The Daikin *One* IAQ solutions offer a full line of design and technology innovation backed by quality. Based on your home and comfort needs, your Daikin Pro will help you build a whole-home solution that works for you. Ask your Daikin Pro for an IAQ home evaluation today!

DAIKIN *ONE+*
SMART THERMOSTAT

DAIKIN *ONE*
HOME AIR MONITOR

DAIKIN *ONE*
POWERED VENTILATOR*

DAIKIN *ONE*
AIR CLEANER*

*Available Fall 2020

CLEAN COMFORT®
INDOOR AIR ESSENTIALS

SCAN TO LEARN MORE OR VISIT:
WWW.CLEANCOMFORT.COM

Clean Comfort IAQ Essentials are an extension of the Daikin *One* ecosystem. Whatever your indoor air issue may be, *Clean Comfort* can help complete your whole-home solution. To learn more, ask your Daikin Pro what options would fit your Daikin *One* ecosystem.

FILTRATION PRODUCTS

VENTILATION PRODUCTS

PURIFICATION PRODUCTS

HUMIDITY CONTROL PRODUCTS

Dedicated.
Specialized.
Professional.

Daikin *Comfort Pro.*

Those 3 simple words can offer you comfort like you've never experienced. The words mean that the contractor you invited into your home is a highly-qualified and continuously trained professional who will quickly, efficiently, and effectively help to solve any of your indoor comfort needs.

All Daikin *Comfort Pro* contractors seek to achieve the highest levels of customer service, business integrity, and technical competency. These range from maintaining an excellent rating with their local Better Business Bureau (BBB) to taking continuing education classes on how best to install and service Daikin brand products. To retain this status, Daikin *Comfort Pro* contractors must deliver their best abilities to each and every customer, year after year.

If, for any reason, the Daikin *Comfort Pro* has not met your expectations within one year of your equipment or system installation, please contact the installing Daikin *Comfort Pro* and ask them to honor the Daikin Comfort Promise. The Daikin *Comfort Pro* will return to your house to resolve any issues that you have with your installation at no cost to you.

Daikin has held a strong commitment to quality, service, and innovation since our inception. It is this commitment that has allowed us to become one of the largest manufacturers of HVAC systems and refrigerants in the world.

FIND A DAIKIN *COMFORT PRO* NEAR YOU AT:

WWW.DAIKINCOMFORT.COM/FIND-DEALER/LOCATOR

Add Further Peace of Mind with Rebates and Financing Options.

DID YOU KNOW YOU MAY BE ABLE TO TAKE ADVANTAGE OF STATE AND LOCAL REBATES?

VISIT **WWW.DAIKINCOMFORT.COM/REBATES** TO SEE IF YOU ARE ELIGIBLE!

TAKE COMFORT IN OUR FINANCING OPTIONS

FINANCING FOR YOUR DAIKIN *ONE* ECOSYSTEM IS AVAILABLE VIA EGIA.

FOR MORE DETAILS AND ENROLLMENT INFORMATION, VISIT WWW.EGIA.ORG/DAIKIN OR CALL 888-691-0387.

Asure℠
EXTENDED SERVICE PLAN

Daikin understands that you expect to enjoy years of uninterrupted service from your home comfort system. By including an Asure℠ Extended Service Plan you can have peace of mind knowing that in the event of an equipment failure, Daikin will pick up the cost of the repair. For only pennies a day, your system can be protected from the unplanned cost of a service call and from the increasing cost of service over the life of your equipment.

- No unexpected repair bills
- Prompt service provided by an authorized Asure℠ Dealer
- All repairs performed with Daikin authorized replacement parts
- No pre-authorization required
- No out-of-pocket deductible

These benefits mean that you can count on staying cool in the summer and warm in the winter — an AFFORDABLE benefit that adds VALUE over the life of your home comfort product.

Contact your local Daikin sales representative or local contractor for more information on current extended service plans that are available to you.

To find a local contractor, visit:
www.daikincomfort.com/find-dealer/locator

For comments or questions, please contact Daikin North America at:
1.855.770.5678 or email homeownersupport@daikincomfort.com

ADDITIONAL INFORMATION:

Before purchasing this appliance, read important information about its estimated annual energy consumption, yearly operating cost, or energy efficiency rating that is available from your retailer.

WARNINGS:

- Always use a licensed installer or contractor to install this product. Do not try to install the product yourself. Improper installation can result in water or refrigerant leakage, electrical shock, fire, or explosion.
- Use only those parts and accessories supplied or specified by Daikin. Ask a licensed contractor to install those parts and accessories. Use of unauthorized parts and accessories or improper installation of parts and accessories can result in water or refrigerant leakage, electrical shock, fire or explosion.
- Read the User's Manual carefully before using this product. The User's Manual provides important safety instructions and warnings. Be sure to follow these instructions and warnings.
- For any inquiries, contact your local Daikin contractor.

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Google, Google Assistant, and all related logos are trademarks of Google LLC or its affiliates.

Our continuing commitment to quality products may mean a change in specifications without notice.
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