

INDOOR AIR QUALITY



For her protection,

you would

change anything...

Why not start

at home?



Home Comfort Solutions





What is the Quality of your Indoor Air?

It is hard to think that your home could be polluted. The truth is... most homes are full of invisible intruders filling the air you breathe. Do you have a family member that suffers from frequent headaches, dizziness, fatigue, asthma or respiratory infections? Dust mites, pollen, mold and pet dander are just a few examples of the pollution that may be in your home's air. These irritants make it difficult to be comfortable, even when your thermostat states the preferred temperature is just right. Ruud can show you how controlling the quality of the air you breathe is an essential piece of total home comfort. **Let Ruud help you... Breathe Easy.**

Homeowner Solutions to Achieve Optimum Indoor Air Quality:

- Eliminate the Source
- Improve Ventilation
- Clean the Air
- Control Humidity

Eliminate the Source.

Seeking out and removing any possible cause of contaminants is the first step toward improving Indoor Air Quality. There are many simple solutions you can start with, such as, bathing indoor pets weekly. Another contaminant that can cause big problems is mold. The key to eliminating mold is controlling moisture; therefore, any water leaks should be repaired immediately. Contaminant presence such as invisible radon gas can be determined by a home radon test kit. Also, be cautious when using certain paints, varnishes, indoor pesticides, cleaning supplies and air fresheners. Any of these can give off Volatile Organic Compounds (VOCs), which can cause eye, nose & throat irritations. Most likely, you will need to take further steps to improve your Indoor Air Quality, but getting to the root of any controllable source - is the first step.

Improve Ventilation. Properly controlled ventilation is absolutely necessary because it protects your health and home. Ventilation supplies *fresh air* and removes *stale air*. You may have a ventilation problem if you have a musty odor coming from the walls, condensation on the inside of your windows, mildew or mold presence, or peeling paint. Proper ventilation can eliminate these issues, and will also remove any contaminants that have built up in your home's air that could affect your health. Some ways you can improve ventilation are: opening a window or the chimney vent, using exhaust fans or even installing a home ventilation system. Excellent ventilation is crucial in providing a safe level of Indoor Air Quality for your family.

Did You Know?

- ★ EPA studies show that the air inside most homes is at least 10 times more polluted than the air outside - even in the smoggiest of cities.
- ★ Radon is the 2nd leading cause of lung cancer.
- ★ Secondhand smoke & mold can lead to allergic reactions, asthma and other respiratory ailments.
- ★ VOCs may cause eyes, nose & throat irritations, headaches, liver & kidney damage and nausea.

Source: www.epa.gov/IAQ



PROTECH™ 84 - ERV/HRV Series

Clean the Air. Ruud offers an exceptional line of Indoor Air Quality Products that allow you to control what is in the air you breathe. Our products are designed to clean the air by focusing on the following processes, *Filtration & Purification*.

Filtration Controlling air contaminants by reducing them to acceptable levels or by removing them completely by directing them through a filter

A Ruud Whole-House HEPA Cleaner



- Captures up to 99.97% of particles including cat dander, certain bacteria and pollens
- Advanced 3-Stage Filtration – Activated carbon, pre-filter and HEPA filter to deliver cleaner air throughout your entire home by reducing odors and capturing pollutants
- Low Maintenance – Indicator light prompts for periodic filter replacement
- Quiet Operation

Ruud Media Air Cleaner



- Reduces major pollutants, such as dust and pollen
- 4" Deep-Pleat Filters – With filters that perfectly fit the media cabinet, surface area is maximized allowing filters to last up to one year reducing replacement changes
- Cabinets are an exact-fit system solution to your Ruud heating & cooling equipment
- Two Levels of Efficiency - MERV 13 and MERV 10 models

Ruud Electronic Air Cleaner



- Reduces pollutants, such as dust, smoke, smog particles, mold spores and pet dander from the air
- LED indicator notifies you of periodic maintenance
- Three Stage Filtration – System includes pre-filter and post-filter for more efficient filtration

Control Humidity. Every home requires a form of humidity control. Dry indoor air can make your home uncomfortable by causing skin irritation and creating static shock. On the other hand, excessive moisture can make your home feel sticky or damp and can create an environment for mold, mildew, bacteria and dust mites. Finding your home's ideal moisture balance is a necessary step in achieving optimum indoor air quality.

Humidity Comfort Zone Recommendation	
	Comfort Zone
Bacteria	30-60
Viruses	30-60
Fungi	30-60
Mites	30-60
Respiratory Infections	30-60
Allergic Rhinitis and Asthma	30-60
Chemical Interactions	30-60
Ozone Production	30-60
	10 20 30 40 50 60 70 80 90
	Relative Humidity (%)

Decrease in bar width indicates decrease in effect

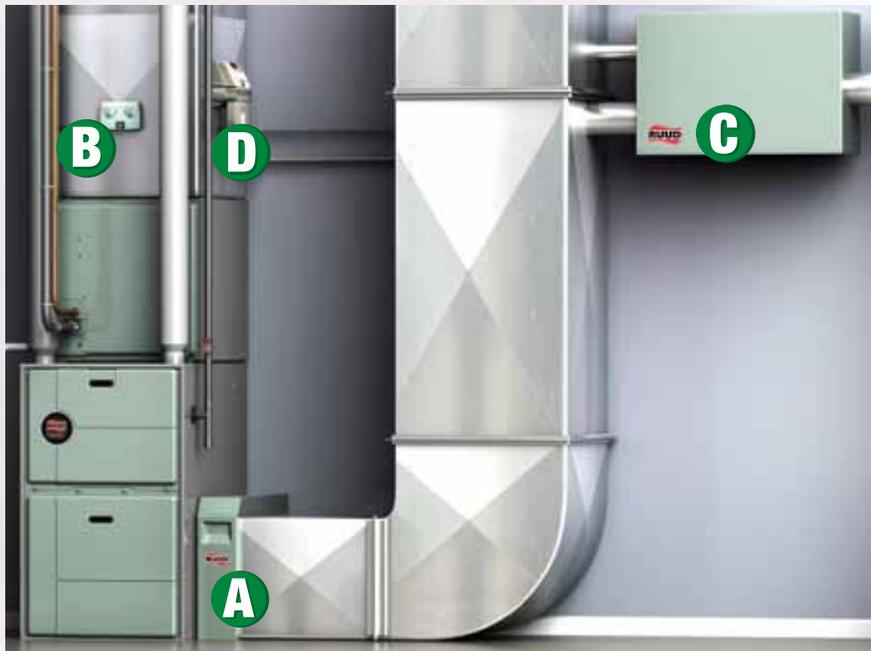
Source: ASHRAE, adapted from Sterling et al., 1985

Purification Destroying air contaminants so that they are no longer circulated throughout the home

B Ruud Ultraviolet Treatment Systems



- Kills mold spores and certain live, airborne bacteria passing by the UV lamp before they re-enter the duct work
- LED light indicates lamp replacement is required
- Sealed unit design prevents accidental contact with UV rays
- Long UV Lamp Life – Advanced technology optimizes lamp life up to five years



C Ruud Dehumidification Systems



- Versatile Installation – Installed centrally into your system or in problem moisture areas, such as a basement or crawl space
- Uses less energy while removing more moisture from your home.
- Replaces stale air with filtered fresh air
- Automatic Water Removal
- Advanced Filtration – Provides MERV 11 filtration
- Easy to access service door for dehumidifier filter maintenance or replacement
- High performance at low sound levels through advanced technology
- LED light for required service or maintenance

D Ruud Whole-House Steam Humidifier



- Offered in three capacities, 6, 9 or 12 gallon
- Eco-Friendly Design – Uses less water than most whole-house humidifiers
- Highly-Efficient Capacity – Less water is wasted
- For every gallon of water produced, a gallon of moisture is created
- Installation Flexibility – Can be installed in virtually any home through an optional remote-mount kit

Ruud Whole-House Bypass Humidifier



- Controls the problems associated with dry indoor air such as static shocks and dry, flaky skin
- Balances the overall moisture level in the home
- Offered in two capacities, 12 or 17 gallon
- Automatically fills itself with water and features simple maintenance – only requires humidifier pad replacement

Total HOME COMFORT Provider



INDOOR AIR QUALITY SOLUTIONS



All Ruud IAQ Products feature a 5 year Limited Warranty

PROTECTION PLUS® Extended Service Protection

Protection You Can Count On

While your Ruud equipment is incredibly dependable and covered by an outstanding warranty, you can extend your warranty coverage with Protection Plus® extended service protection. Then you can relax and enjoy the comfort of your Ruud home comfort system – without worrying about the cost of parts or labor for unexpected repairs. And when Protection Plus is purchased in conjunction with your contractor's maintenance program, you can enjoy the peace of mind that your equipment will be both maintained and repaired – as needed and without additional expense.

For more information, call 1-877-276-4294 or visit www.protectionplusonline.com.



Ruud Heating and Cooling was established in the mid-1920s when brothers Richard and Donald Ruud acquired a galvanizing plant in San Francisco, California. In the 1930s, Ruud® began manufacturing water heaters. In the 1940s and 1950s, the company increased its product line to include space heating units for homes, oil furnaces and air conditioners. In 1959, Ruud became a pioneer in the water heating industry. In subsequent years, Ruud entered the heating and air conditioning market and expanded in the late 1960s and 1970s with the rapid growth of the central air conditioning industry.

Today, Ruud is a leading global producer of water heaters, central warm air furnaces and central air conditioners for residential and commercial applications.

KWIK COMFORT® FINANCING

Financing To Fit Your Budget

Ask your Ruud contractor about *Kwik Comfort® Financing*, the easy and convenient way to finance everything associated with your Ruud equipment – your original equipment, all subsequent service, Protection Plus® extended service protection, and even the comfort options you might choose to add later.



**Consumer-Rated #1
in Reliability**



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Ruud manufactures residential & commercial heating, cooling & water heating products.

"In keeping with its policy of continuous progress & product improvement, Ruud reserves the right to make changes without notice."

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