



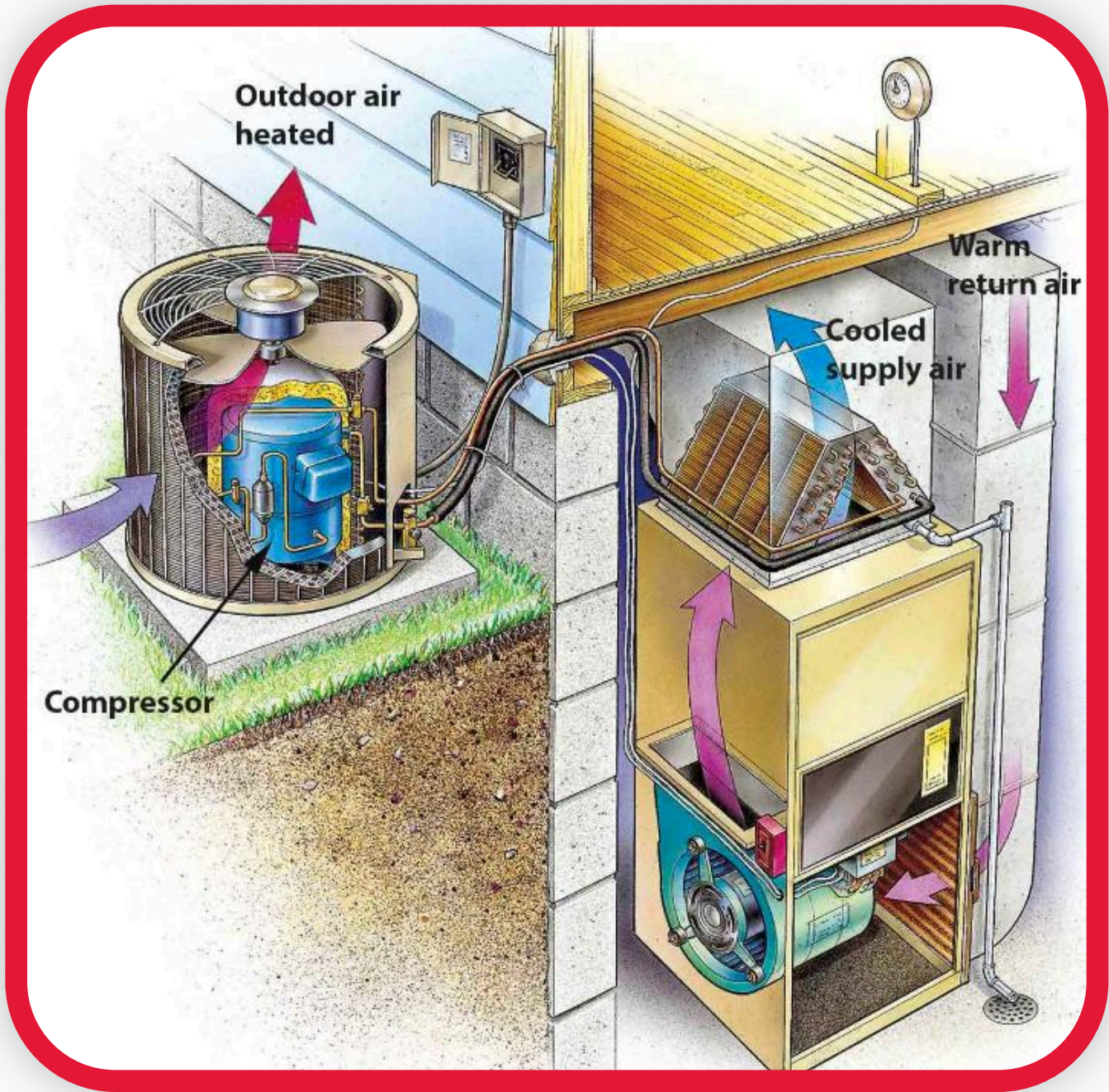
RAGSDALE

HEATING • AIR • PLUMBING • ELECTRIC

“The Name You Know You Can Trust!”

HOMEOWNERS GUIDE

**PROTECTING THE EFFICIENCY, LONGEVITY AND PERFORMANCE
HEATING AND COOLING SYSTEM**

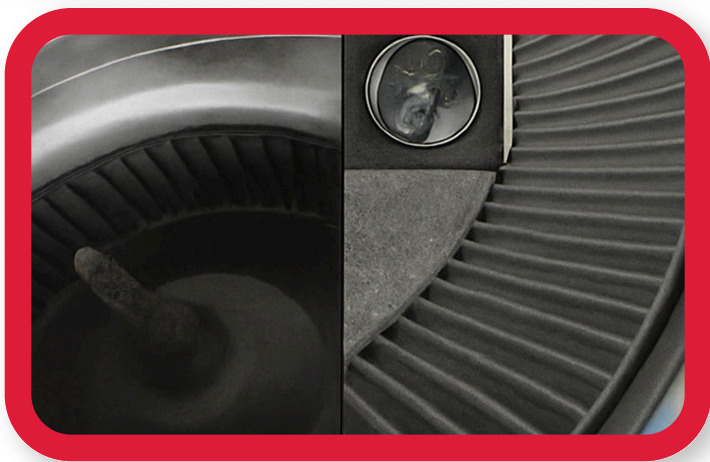


REDUCED EFFICIENCY AND POOR PERFORMANCE DUE TO DIRTY SYSTEM COMPONENTS

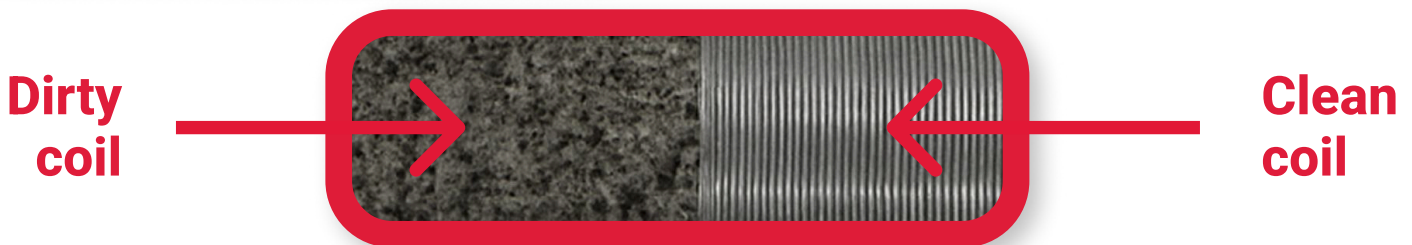
The air in your home is re-circulated by the heating and cooling system. Dirt, dust, allergens, particulate matter, biologicals and other elements can become lodged in system components and negatively impact the efficiency, performance and longevity of the central system.



Dirty condenser coils lead to poor performance, increased energy consumption and premature failure of the entire system or related parts.



Your air conditioning system performance and effectiveness are reduced dramatically when you have dirty evaporator coils or dirty a dirty blower wheel.



TYPES OF AIRBORNE CONTAMINANTS & SOLUTIONS

INDOOR AIR QUALITY IS HOW HEALTHY, FRESH AND CLEAN THE AIR QUALITY IN YOUR HOME IS OR ISN'T ...

Home Contaminants and Types of Indoor Air Pollution:

**TYPE 1
PARTICLES**
Dust / Dirt
Allergens
Smoke
Human Effluent
Pet Dander

**TYPE 3
GAS PHASE**
Chemicals
Fumes
Cleaning Solvents
Indoor Odors
VOC's

**TYPE 2
BIOLOGICAL**
Viruses
Bacteria
Cold / Influenza
Mold / Spores
Dust Mites



FACTS ABOUT DUST MITES AND DUST MITE FECES



The main source of dust mite food is dead human skin flakes and animal dander. Dust mites are teensy, tiny things: They only grow to about one-quarter to one-third of a millimeter, and you can't see them with your eyes. Under a microscope, you'd see that dust mites look like white spiders. They have eight legs, so they're arthropods (not insects).

42K

42,000 mites can live in one ounce of dust and each mite releases 20 fecal pellets per day.



40 pounds of dust is generated each year in 1,500 square feet of home space.



Dust mites are one of the most common allergy and asthma triggers that lurk inside your home.

It is estimated that you breathe 2 heaping teaspoons of airborne dust and particles daily.



PEOPLE SPREAD GERMS



Anywhere people congregate there is a risk that an infected person will exhale what is called "droplet nuclei" which carry disease. The infection can then be circulated or dispersed throughout confined environments such as buildings or homes.

The incidence of Asthma has increased 50% in the past 10 years. Contributing factors include indoor allergens and indoor pollutants.

Global Initiative for Asthma, a collaboration of the National Heart, Lung and Blood Institute, and the World Health Organization

50% of all illnesses are either caused by, or aggravated by, polluted indoor air.

The American College of Allergists

Household Exposure Study tested 120 homes for 89 chemicals including pesticides, cleaning compounds, chemicals found in furniture and building materials.

- Of the 120 homes tested- 100% had toxic compounds (VOC's)
- Over 25 VOC's were found in every home tested!
- At levels that caused symptoms

Harvard Study - Silent Sprint Institute



EQUIPMENT PROTECTION & PERFORMANCE PACKAGES

Breathe Cleaner, Fresher, Healthier, Indoor Air!

Select from 3 different levels of equipment protection

10 Year
Clean Coil / Blower Guarantee!

Premium Equipment Protection Package

- ✓ **CAPTURA** - High Efficiency Polarized Media Air Cleaner
- ✓ **CAPTURA** - UV/C/UV Germicidal Oxidizing System
- ✓ **CAPTURA** - Bypass HEPA System collects 99.97% of particles @ 3 microns and removes smoke and odors
- ✓ Disinfects and deodorizes your indoor air 24 hours a day
- ✓ Works naturally with no cleaners/chemicals



Financing Available O.A.C.

10 Year
Clean Coil / Blower Guarantee!

Deluxe Equipment Protection Package

- ✓ **CAPTURA** - High Efficiency Polarized Media Air Cleaner
- ✓ **CAPTURA** - UV/C/UV Germicidal Oxidizing System
- ✓ Removes smoke and collects 97% of particles @ 3 microns
- ✓ Disinfects and deodorizes your indoor air 24 hours a day
- ✓ Works naturally without cleaners or chemicals



Financing Available O.A.C.

5 Year
Clean Coil Guarantee!

Standard Equipment Protection Package

- ✓ **CAPTURA** - High Efficiency Polarized Media Air Cleaner
- ✓ **CAPTURA** - UV/C/UV Germicidal Oxidizing System
- ✓ Removes smoke and collects 97% of particles @ 3 microns
- ✓ Protects the efficiency and longevity of your equipment
- ✓ Lifetime manufacturer's power-head warranty Industrial and commercial grade quality and durability



Financing Available O.A.C.

100% Satisfaction Guarantee!

Dirt, dust, dander, debris, pollen, pet hair, smoke, particles and moisture in the air can cause evaporator coils and blower wheel assemblies to become dirty. These conditions result in loss of system efficiency, lower capacity, and reduced longevity, which cause your system to run longer and work harder.

Keep your system clean to help avoid increased costs for repairs and cleaning, higher energy costs, inconvenient emergency breakdowns and costly system failures.





All products and services come with a
**100% Money Back
Satisfaction Guarantee**



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