

DID YOU KNOW?

- Some air conditioning and heating problems can **DOUBLE** operating costs without reducing comfort.
- Up to 80% of all air conditioning and heat pump compressor failures could be eliminated if the problems that lead to the failure were corrected in a timely manner.
- A refrigerant undercharge of only 10% can increase operating costs by almost 20%.
- Refrigerant should never need to be replaced. If it must be added every year, there is an expensive leak that should be repaired.
- A dirty evaporator, condenser and blower could increase air conditioning or heat pump electrical usage by 50% or more.
- Just a 100th of an inch of dirt or film on an evaporator coil can reduce its efficiency 5%.
- Unrepaired small problems can lead to very expensive repairs.
- Depending on the current condition of your equipment this service may pay for itself several times over in energy savings alone.
- Annual safety checks can eliminate dangerous problems.

According to studies conducted by the Louisiana Cooperative Extension Service and Gulf States Utility Company, you can **SAVE up to \$30 a month on your utility bill** by making sure that your air conditioning system is cleaned and serviced regularly.

The study concluded that proper air conditioning maintenance can:

- INCREASE COMFORT
- LOWER OPERATING COSTS
- INCREASE SYSTEM CAPACITY
- INSURE LONGER EQUIPMENT LIFE

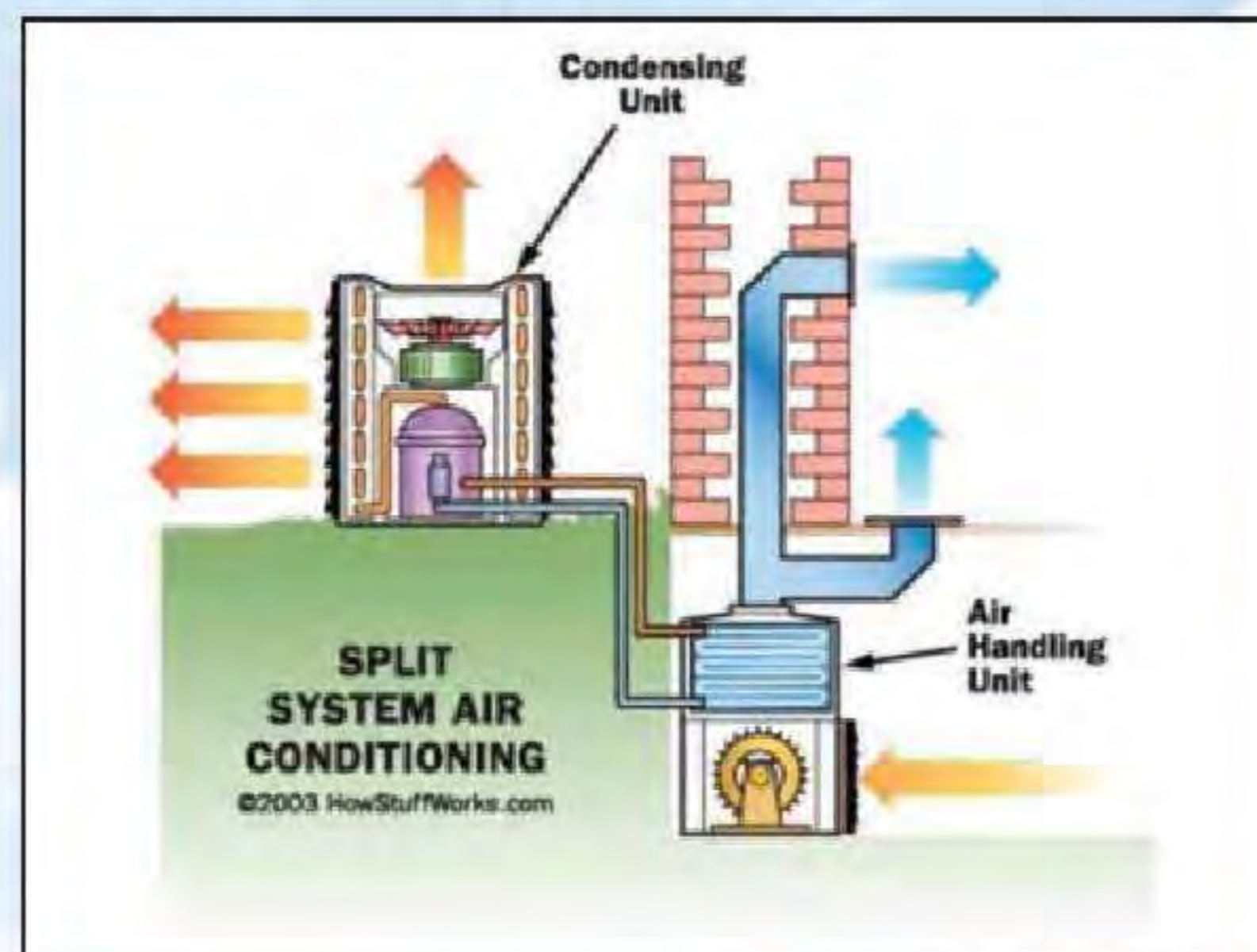
HI-VAC AIR CONDITIONING SERVICE CAN SAVE YOU MONEY ON YOUR UTILITY AND REPAIR BILLS

Our professional service technicians understand your air conditioning and heating system and can eliminate money wasting problems.

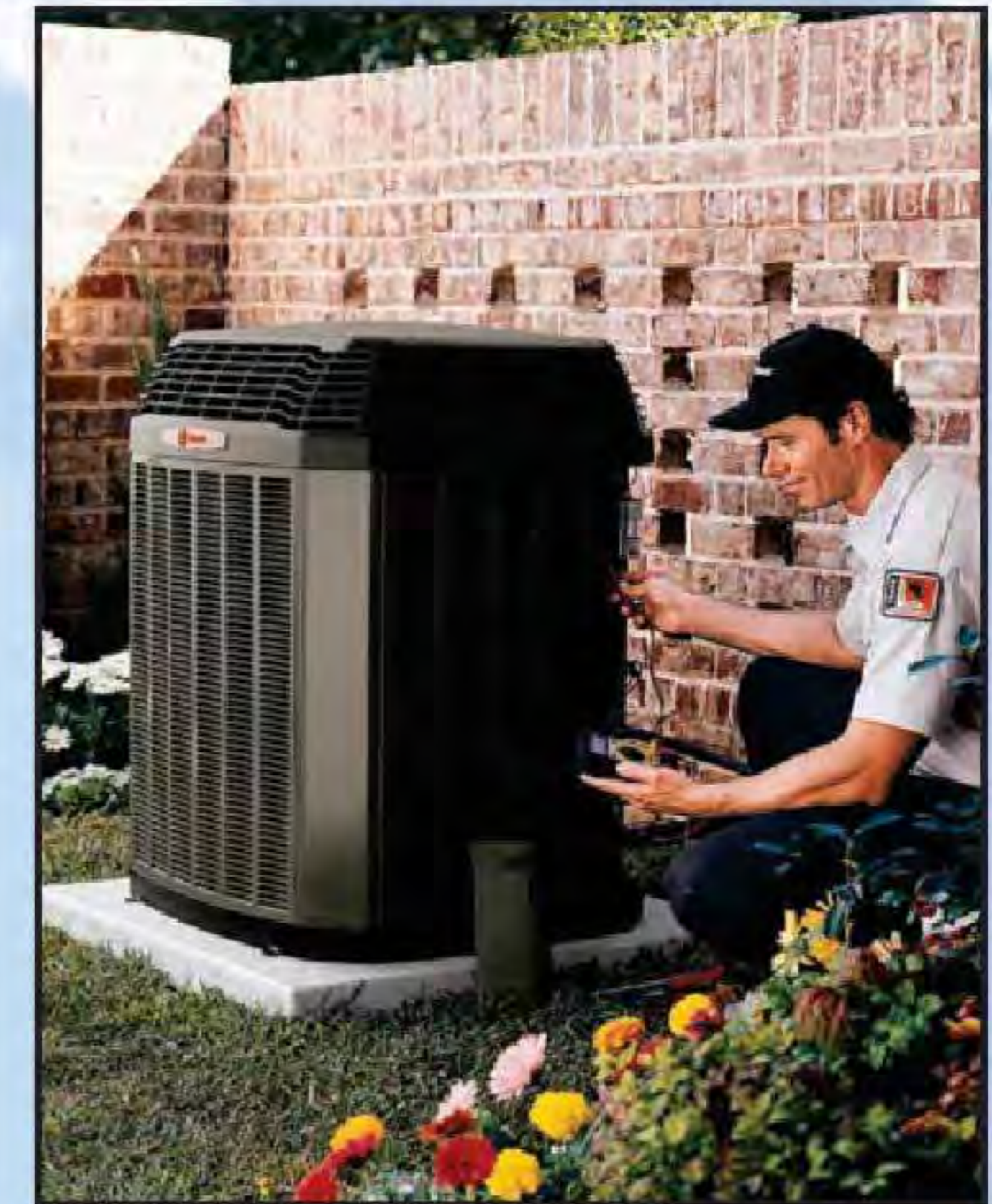
We have developed a customized program that addresses the problems we see most often. The comprehensive maintenance agreement we offer is designed to:

- Reduce the possibility of an air conditioning or heating breakdown.
- Reduce your utility and repair costs.
- Provide preferential emergency service if the need ever arises.
- Provide a discount on repair service (labor and materials).
- Maintain or enhance your current level of comfort.

We know that our satisfied customers have been and will continue to be the secret to our success. We also believe that our Peak Performance Air Conditioning & Heating Maintenance Agreement program is the best way for us to keep our customers satisfied.



PEAK PERFORMANCE MAINTENANCE AGREEMENT PROGRAM



A Program Designed to Reduce Your Utility and Repair Costs



HI-VAC 
Air Conditioning Service

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AIR CONDITIONING

1. CONDENSER COIL will be cleaned

VALUE TO YOU-Dirty coils raise refrigerant pressure higher than needed, increasing your electrical bill.

2. EVAPORATOR COIL will be inspected as required.

VALUE TO YOU-Evaporator coils become dirty because air filters only collect a portion of the particles in the air. Even a small amount of dirt can decrease efficiency and increase operating costs. This is also a major cause of compressor failure. Customer should replace properly sized air filter every month.

3. BLOWER COMPONENTS will be cleaned and adjusted.

VALUE TO YOU-Dirty blower wheels reduce air flow, causing longer operating time and increased cost. This problem can lead to lost comfort and compressor failure.

4. REFRIGERANT CHARGE checked by superheat/subcooling method.

VALUE TO YOU-A low or high refrigerant charge can easily go unnoticed and increase operating costs. An improper charge can cause compressor shutdown.

5. AIR FILTER will be replaced if supplied by customer.

VALUE TO YOU-A restricted air filter can cause your air conditioning unit to waste energy and shorten the compressor's life.

6. LUBRICATION of motors and bearings.

VALUE TO YOU-Improperly lubricated rotating equipment will eventually fail.

7. THERMOSTAT will be checked and calibration will be adjusted.

VALUE TO YOU-Improperly calibrated thermostats allow the unit to run longer than necessary. Every degree your air conditioning unit operates below 78 degrees can add 5 to 8% to the cost of cooling.

AIR CONDITIONING

8. CONTROLS & SAFETIES will be inspected and tested.

VALUE TO YOU-Controls and safeties that do not function properly can increase operation cost and cause other components to fail.

9. MOTORS will be cleaned and inspected.

VALUE TO YOU-Dirty motors are less efficient and will fail sooner.

10. CAPACITORS will be tested.

VALUE TO YOU-Bad capacitors can lead to compressor and motor failure.

11. CONDENSATE DRAIN will be cleaned and treated.

VALUE TO YOU-Algae can plug a condensate drain which can cause expensive water damage.

12. RELAYS AND CONTACTORS will be inspected.

VALUE TO YOU-Worn contacts and loose wire connections can lead to a motor or compressor failure.

13. UNIT DISCONNECT will be inspected.

VALUE TO YOU-A worn or overheated disconnect blows fuses and is dangerous.

14. UNIT WIRING will be inspected and electrical connections tightened

VALUE TO YOU-Loose connections can lead to a motor or compressor failure.

15. TEMPERATURES AND PRESSURES will be adjusted and recorded.

VALUE TO YOU-An accurate record of your equipment's vital data can indicate potential problems, which can be eliminated. A record will be kept with the unit which may reduce emergency service time.

HEAT PUMPS

1.-15. HEAT PUMPS WILL RECEIVE ALL OF THE AIR CONDITIONING SERVICES PLUS:

16. DEFROST TIMER will be checked.

VALUE TO YOU-A defrost timer that is not working properly can cause a loss of heat and can shorten the compressor's life.

17. REVERSING VALVE will be operationally checked.

VALUE TO YOU-A reversing valve that is not operating properly can waste energy and cause a loss of heat.

18. AUXILIARY HEAT STRIPS will be checked.

VALUE TO YOU-Heat strips that are not operating properly can cause a loss of heat or increase electric cost higher than necessary.

