



HVAC REPAIR
& REPLACEMENT



EMCOR Services

Aircond

Professional Repair & Replacement Services For Cost-Savings & Peace-of-Mind

EMCOR Services Aircond designs, builds, operates, and maintains commercial heating, ventilation and air conditioning systems that help create healthy, productive, and efficient working environments. **Backed by a team of some of the region's most highly trained HVAC specialists and professionals, we have the resources necessary to support your needs through every phase of your ownership cycle.**

When commercial HVAC equipment breaks down or is running inefficiently, it can be difficult to determine whether it's time for repair or replacement—our team of HVAC experts can help guide you through the process. Whether clients need a minor repair, recurring maintenance, or a complete equipment replacement, we have the capacity and technical expertise needed to complete the job.

Balancing Budget Demands, Equipment Demands, and Business Demands

Because it requires a significant investment, clients often try to delay commercial HVAC equipment replacement as long as possible. However, even in the best environment, expenses from repairs, downtime, and system inefficiency can surpass the cost of replacement.

At Aircond, we don't simply offer repair and replacement services, we develop a replacement strategy that carefully considers the demands on an HVAC system, the tenants' expectations, and the clients' business needs.



Thousands of Projects. Nine Major Markets Served.

Biotech/Healthcare
- Hospitals

Commercial
- Office buildings/Real estate
- Retail

Education
- Universities

Entertainment/Hospitality
- Hotels

Financial Services

Manufacturing/Industrial
- Distribution centers

Public/Government
- Judicial
- Utilities

Technology
- Data centers
- Laboratories
- Research and development

Transportation





Assessing Equipment with A Proven Approach

When Aircond assesses equipment replacement, three major factors are taken into account, in order to help minimize costs and maximize system function.

- > **Lifespan:** We calculate the remaining useful life for equipment by considering the age of the manufacturer, the published service life estimates, and addition factors based on maintenance, run-time, and operating environment.
- > **Energy Savings:** Often significant energy savings are immediately available when old equipment is replaced with new, high efficiency machines.
- > **Downtime/Reliability:** From inconvenience and tenant discomfort to actual revenue loss—the negative affects of system downtime are also factored into a replacement strategy.



While actual equipment life span can vary widely, these published estimates and ongoing repair and maintenance records can help determine the “sweet spot” for system replacements.

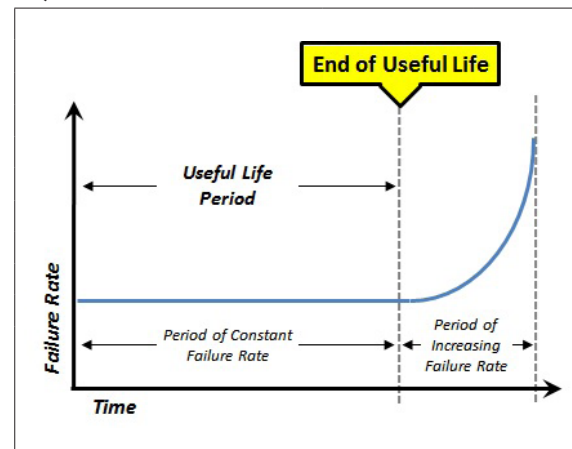
EQUIPMENT SERVICE LIFE SPAN

| Equipment Type | | Years |
|-----------------------------|---------------|-------|
| Packaged & Split HVAC Units | | 15 |
| Chillers | Water-Cooled | 20–25 |
| | Air-Cooled/DX | 15 |
| Cooling Towers | | 20 |
| Condensers (Air-Cooled) | | 15 |
| Boilers | Electric | 15 |
| | Others | 25–35 |
| Pumps | | 15–20 |
| Controls | | 10–15 |
| Coils (CHW and DX) | | 20 |

The above service life estimate ranges are based on data in the ASHRAE Applications Handbook (A37-2015, Table 4) relevant to commercial and industrial applications. Actual life expectancy can vary widely.



EQUIPMENT FAILURE RATE



WHAT CAN WE DO FOR YOU?

EMCOR Services Aircond

Smyrna, GA (Corporate Office)
 400 Lake Ridge Drive
 Smyrna, GA 30082
 770.444.3355
 Toll Free 800.768.2472

Columbia, SC
 158 Lott Court
 West Columbia, SC 29169
 Toll Free 800.768.2472

Charlotte, NC
 5901 Northwoods Business Parkway
 Suite G
 Charlotte, NC 28269
 866.390.5912

aircond.com

Birmingham, AL | Buford, GA | Charlotte, NC | Columbia, SC | Dalton, GA | Greenville, SC | LaGrange, GA | Macon, GA | Raleigh, NC | Smyrna, GA (HQ)