



About Our Company

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Estimate options

Photo Gallery

Products and Services



Products and Services

For Residential and Commercial HVAC/R Services
Contact us today to set up your service visit.
Call 505-228-9617 or 227-4232

We're Here to serve you Albuquerque

Our **technicians** are licensed, experienced, and take pride in being the best in the industry.

Here at *Thunderbird Mechanical*, we know that commercial HVAC/R problems rarely come at a convenient time. That's why we offer special meeting times for commercial HVAC/R service. We can help you through your HVAC/R problem with the quality customer service you expect from *Thunderbird Mechanical*.

Contact Us for Your HVAC/R Needs

A local business, *Thunderbird Mechanical* is dedicated to helping your Albuquerque company maintain the highest level of comfort with quality HVAC/R assistance. Contact a member of our team today and learn how we can help!

TIME & MATERIAL

Much of our Service & Maintenance work is performed on a time & material (T&M) basis, meaning customers pay for the time it takes to complete a job and the related material. T&M repair work is typically time sensitive and complex; it's a "managed by event"

Thunderbird Mechanical LLC

Specializing in residential and commercial refrigeration systems

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Whenever we perform T&M work for any customer we strive to:

- **Match the technician to the specific customer problem.**
- **Fix it right the first time (minimize call backs and follow ups).**

PREVENTATIVE MAINTENANCE

Determining the type and frequency of Preventative Maintenance (PM) is key to reducing emergency

service, equipment down time, loss of sales, refrigerant usage, energy usage, and extending equipment life. Based on years of experience and customer feedback, we have developed two specific PM programs that address our customers' needs:

- **Thunderbird Mechanical Quarterly General Maintenance PM** –this PM program covers all the **basic needs** of both small and large mission-critical systems. In multi-site situations, the scope of work is consistent, site-to-site. The program price and the time required to complete the scope of work depends on the size, location, amount and type of equipment located at the site.
- **Thunderbird Mechanical has a Mechanical Room PMs** –this bi-annual PM program focuses on high-dollar equipment such as compressors, set points, energy consumption, and dehumidification. These PM's are performed by our senior technicians since they require a much more advanced skill set.

Operating knowledge concerning regulatory, systems –required paper work, and system entries for the EPA, is built into our processes and automated whenever possible.

QUOTED WORK

Refrigeration & HVAC systems are complex systems with a lot of critical components that are under constant stress. As part of normal operations, components occasionally wear out; or filters and drains get plugged up. Whether it's sticking valves, broken fans, or a compressor failure, Thunderbird Mechanical technicians are capable of fixing your system's problems.

We are more than happy to provide you with a fair and reasonable quote in a timely manner to fix or replace the failed component and get your system operating to peak performance as soon as possible. We know that even something that seems as minor as a rattling fan or a plugged drain can have a major impact on your system's performance, cost and most importantly, your comfort as our customer. Let our technicians provide you a quote to help make sure minor problems do not become major issues!

MAINTENANCE AGREEMENTS

To help our customers manage their monthly refrigeration & HVAC service and maintenance costs in a more predictable fashion, Thunderbird Mechanical offers Maintenance Contracts. Maintenance Contracts operate under a fixed price for monthly maintenance work for a specific scope of work that is often defined through a collaborative effort between our customer and Thunderbird Mechanical LLC.

Maintenance Contracts are typically renegotiated annually or bi-annually, and contracts typically cover multiple locations. Work on items not specifically defined/covered in the Maintenance Contracts is negotiated with the customer under our Time & Material service offering.

LEAK DETECTION

With the soaring cost of R-22 refrigerant and rumors of continued price escalations, detecting and fixing refrigerant leaks and performing frequent leak checks is more critical now than ever before! Our service technicians are fully trained to detect, fix and perform leak checks to help you protect your valuable investment in refrigerant. Also, if your system is large enough to warrant a leak detection system we will arrange to have a leak detection system installed, contact us for a quote and start protecting your refrigerant investment today!

EQUIPMENT LABELING

Part of our process when taking over service of commercial, Industrial, system responsibility for the first time is to label each of your major equipment components then record the unique equipment information (e.g., model, type, serial #, age, if known, etc.) in our records which then stores it in our data bases. Each time our service technician services a labeled piece of equipment he will match service records with the maintenance or service performed. This allows us to monitor repair/maintenance costs on specific pieces of equipment; information that can be very useful to our customers for repair-or-buy decision-making purposes, and to show the high-cost problems in your system!

ENERGY REVIEW

Thunderbird Mechanical can provide services that focus on providing a review of your existing systems to insure that you have the most energy efficient operating system possible. This service can be apply to new installations (at the design or construction phase), remodels, or simply operating systems that appear to use more energy than predicted. The deliverable would be a professional review of your refrigeration/HVAC/R equipment and processes, using load calculating software programs, and providing a energy improvement.

Residential and Commercial Boiler Repair, Maintenance, and Installations

Most customers may not know how their radiant heat system works or that it is controlled by a specially design hot water boiler. Most commercial customers or office mangers may rely on building maintenance crews for daily maintenance. Our technicians are able to provide boiler inspections to check gas valves as well as the pressure and temperature controls, gauges, and safety process boiler operations. We also inspect hydronic zone controls and valves, to ensure valve open properly to allow full flow to zone coils or radiant exchangers. Boiler water treatment may have to be checked for proper protects of internal parts. Manufacture recommendation are refereed to for proper procedures in water treatment types to ensure boiler's long heating life. It is recommend that boilers be kept at temperatures set between 120-135 degrees for in-floor radiant heating systems and not to exceed 140 degrees. Boiler used for baseboard heating systems should be kept between 160 to 190 degrees for energy conservation and no higher then 200 degrees. All of the above mentioned temperatures are chosen by load calculation designs.

Our residential and commercial HVAC/R technicians are experienced in a large variety

of residential and commercial HVAC/R systems, including:

- Chillers –Water Cooled/Air Cooled
- Cooling Towers
- Water treatment
- Rooftop Package Units from 1.5 tons to 120 tons
- Boilers: natural gas, propane liquid petroleum, oil back up, and used oil burners
- Hydronic heating systems
- Steam – High Pressure/Low Pressure
- Server Room Cooling Systems
- Split heating and cooling systems
- Air refrigeration systems
- Indoor Air Quality (IAQ) & Filtration Systems
- Energy Recovery Equipment
- Exhaust Systems
- Make Up Air Units
- Duct-work Installation and Replacement Fittings

Thunderbird Mechanical LLC
 PO Box 44894 Rio Rancho, New Mexico 87174
 Phone: (505) 228-9617

Service Order Invoice
 Lic. #383473

Specializing in: Air Conditioning, Refrigeration, Commercial Refrigeration Systems, and Home or Office Building Performance Testing.

BILL TO: _____

DATE: _____

Type of work	✓	Fuel gas check list	✓	Type of charge	✓	Environmental Check List	✓	R type
Heating		Air tested		Daywork		Recover (lbs)		
Cooling		Soap tested		Credit card		Recycle (lbs)		
Refrigeration		Carbon monoxide tested co		Agreement		Reclaimed (lbs)		
Plumbing		Combustion efficiency tested co2		Extra charges		Returned to system (lbs)		
Gas line		Gas pressure test at manifold		Overtime		Disposal (lbs)		

Replace Refrigerant Yes or No Amount _____ Type of Refrigerant _____

Type of work performed: _____

SERVICES:

Total for Parts, Materials, and Services ----- \$ _____
 Technician: _____ Tax----- \$ _____
 Total Amount : \$ _____

Full Amount is due upon completion of work.

LIMITED WARRANTY: *All materials, parts, and equipment are warranted by the manufacturers or suppliers written warranty only. All labor performed by Thunderbird Mechanical LLC is warranted for 30 days or otherwise indicated in writing. Thunderbird Mechanical LLC makes no other warranties expressed or implied, and its agents or technicians are not authorized to make any warranties on the behalf of Thunderbird Mechanical LLC. All checks, money orders, and charges are to be made out to Thunderbird Mechanical LLC. TERMS Customer hereby acknowledges the satisfactory completion of the above described work and therefore agrees to pay stated amount due and here by grants mechanics lien on property to guarantee payment. Account payment over 15 days will accrue a late charge of 2% per month. If collection action is taken, all collection costs and expenses will be added including reasonable attorney fees of no less than 20% of the amount due including interest. \$30.00 CHARGE PLUS BANK FEES ON ALL RETURNED CHECKS.*

CUSTOMER SIGNATURE _____

Thunderbird Mechanical LLC Service and Install



Air Conditioning & Heating



LASTS AND LASTS AND LASTS

WE ALSO SERVICE AND INSTALL ALL OTHER BRANDS