

Business Name: Tech Service Heating/Cooling & Spray Foam

Address: 2617 Shoffner Rd, Conway, SC 29527

Phone: (843) 488-1571

Tech Service Heating/Cooling & Spray Foam

For more than three decades, Tech Service Inc. has proudly served the Conway and Myrtle Beach areas with honest, high-quality heating, cooling, and spray foam solutions. As a family-owned business, we treat every home like our own — with care, respect, and a commitment to getting the job done right.

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2617 Shoffner Rd, Conway, SC 29527

Business Hours

- Monday thru Thursday: 8:00am to 5:00pm
- Friday: 8:00am to 12:00pm
- Saturday thru Sunday: Open 24 hours

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Energy costs along the Grand Hair have a way of creeping up on you. Summer humidity hangs in the air, winter nights perspire and chilly, and numerous Conway homes were not initially built with high performance in mind. I have actually walked into attics in Horry County where the ductwork sweated like a cold glass of tea, and where you might literally see daylight around roofing system penetrations. In those homes, the a/c unit could be brand brand-new and still battle all afternoon.

Real performance in Conway originates from dealing with the house as a connected system. Insulation and HVAC are not separate projects. They impact each other directly. Spray foam alters the way a structure acts. HVAC repair and maintenance respond to that behavior. When both are done professionally and thoughtfully, the benefit appears in convenience, power costs, and system longevity.

This is especially real here, where hot, wet summer seasons and moderate, damp winters expose weaknesses in both insulation and HVAC design.

How Coastal Carolina Climate Penalizes Weak Insulation and HVAC

Conway beings in a mixed-humid climate. That means long cooling seasons with heavy humidity, plus a shorter, however still substantial, heating season. The mix is difficult on both your structure envelope and your equipment.

When a home is under-insulated and leaking, 3 things usually happen.

First, the air conditioning system runs long cycles merely to eliminate moisture. In August, it is not uncommon to see 80 to 100 percent relative humidity outside for big parts of the day. If your home leaks, that wetness trips in with every draft and every duct leak.

Second, the system brief cycles on milder days. Extra-large devices prevail in older HVAC Installation Conway SC tasks, typically due to the fact that the manual load estimations were avoided or the installer wanted a "safe margin." On a dripping, inadequately insulated home, that oversizing appears to make sense on paper, however it causes quick blasts of cold air, inadequate dehumidification, and broad temperature level swings.

Third, energy costs increase. I typically see older Conway homes with summertime power expenses 25 to 40 percent higher than essential, purely because of weak insulation and air sealing combined with a mismatched HVAC system.

Once spray foam insulation and effectively sized HVAC collaborate, the whole vibrant shifts.

What Spray Foam Really Modifications Inside a Conway Home

Many property owners think about Spray Foam Insulation Conway SC as just "better insulation." It is more accurate to think about it as a method to redefine the structure envelope.

Traditional fiberglass or cellulose mainly slows heat transfer. They do not reliably stop air movement. Spray foam does both. Closed cell foam, in specific, can work as insulation, air barrier, and in some assemblies, even a vapor retarder.

When set up correctly in a Conway home, spray foam can:

1. Reduce unchecked air leak in between attic, crawlspace, and living areas.
2. Stabilize indoor temperature levels room to room.
3. Lower hidden load on your air conditioning system by minimizing humid outside air infiltration.
4. Help control condensation on ductwork and cold surfaces.
5. Allow smaller sized, more efficient HVAC systems to carry out well.

I when worked with a homeowner off Highway 905 who had a 2,100 square foot home with a vented, leaky attic and a worn out 4 load system. After using spray foam to the roofing system deck and tightening the attic, the load computation justified a 3 ton variable speed replacement. Their peak summertime costs visited around a 3rd, and they lastly stopped fighting that sticky, clammy sensation in the evenings.

Those outcomes are not automatic. The details matter.

Open Cell vs Closed Cell Spray Foam in Conway

Contractors in Conway use both open cell and closed cell items. Each has strengths and compromises.

Open cell is lighter, more vapor permeable, and frequently used in roofing system decks and walls where drying potential is important. It does a great job at air sealing and sound control, and it tends to be more cost efficient per inch.

Closed cell foam has a higher R value per inch, is far more stiff, and offers better moisture resistance. In some coastal applications, specifically low crawlspaces, band joists, or areas susceptible to wind driven rain, closed cell frequently makes more sense.

In practice, I see a lot of homes utilize open cell in roof decks to develop an unvented conditioned attic, and closed cell in crawlspaces and rim joists to stop humidity and air infiltration from listed below. The best mix depends upon your home, the assemblies, and regional code requirements.

If a specialist proposes spray foam without talking about open vs closed cell, drying courses, and how the existing structure handles moisture, that is a warning. The Conway climate needs attention to humidity and drying, not simply R values.

Why HVAC Service and Spray Foam Need To Be Coordinated

Once you tighten a home with spray foam, the initial HVAC system frequently becomes oversized. That might sound like a good idea, but for convenience and indoor air quality, it typically is not.

A system that is too large for the new, lower load will:

- Short cycle, which indicates less wetness removal and more wear on compressors and blowers.
- Create irregular temperatures, due to the fact that the thermostat satisfies quickly without permitting air to blend thoroughly.
- Increase indoor humidity on mild, damp days, when the temperature level requirement is little however the moisture load is high.

Professional HVAC Service Conway SC that understands building science will address this straight. Before or right after a spray foam project, an excellent contractor will run new Manual J load estimations, look at your ductwork, and check static pressures. Often the solution is a complete system replacement. Other times, a staged compressor, variable speed blower, or zoning can help match capability to the brand-new, tighter home.

I have actually seen cases where homeowners invested money on Spray Foam Insulation Conway SC, then kept a large, single stage 5 load system. Their costs decreased somewhat, but convenience never ever completely improved. After resizing the system and adjusting air flow, your home finally felt as efficient as the foam investment suggested on paper.

Coordination is the secret. Deal with spray foam and HVAC as one task, even if the work occurs in phases.

Signs You Required HVAC Repair Near Me Before You Insulate

If your HVAC system is currently hopping, sealing your house can emphasize its problems. It is frequently smarter to address fundamental HVAC Repair Conway SC concerns before or alongside spray foam upgrades.

Here are practical warning signs that point to a need for professional inspection and repair:

1. The system runs constantly but still can not keep up on peak hot or cold days.
2. You notice weak air flow from particular vents, or some spaces feel substantially hotter or chillier than others.
3. There are new or getting worse noises from the blower or outdoor unit, especially grinding, squealing, or loud rattles.
4. Your power expenses jump greatly from one season to the next, without an apparent modification in usage or rates.
5. Ice types on the refrigerant lines, or you see water around the indoor air handler that is not just from a condensate drain.

Any of these symptoms validate a call for HVAC repair near me before you invest greatly in Spray Foam Insulation Conway SC. A healthy HVAC system reacts much better to the improved envelope and lets you see the real gains from the insulation work.

The Function of Professional HVAC Installation in a Spray Foam Home

When it is time for a new system, HVAC Installation Conway SC becomes even more critical if you have or prepare to have spray foam.

Load estimations can not be uncertainty. The specialist should inquire about your insulation levels, air sealing, window performance, and tenancy patterns. If they simply match the old system lot for ton, or suggest bumping up "simply in case," they are overlooking the reduced heat gain and loss from effectively applied foam.

Duct style likewise changes in a spray foam home. Numerous Conway house owners pick to bring ductwork into a conditioned attic. This can be a huge advantage, however only if the ducts are sized correctly and sealed well. A firmly foamed attic that still has leaky, inadequately well balanced ducts will seem like a sports car with flat tires.

In my experience, the best HVAC Service Conway SC suppliers have 3 habits that set them apart:

They procedure, not think. They utilize air flow readings, fixed pressure tests, and temperature level divides rather of counting on guidelines of thumb.

They discuss humidity control. They describe how the system will manage hidden load in shoulder seasons when outside temperature levels are moderate, however humidity is still brutal.

They communicate plainly about filters, maintenance, and ventilation. A tighter home requirements intentional fresh air strategies, not simply unintentional leakage.

If your contractor never mentions ventilation alternatives, such as energy healing ventilators or well balanced fresh air strategies, that is another red flag as soon as you commit to tightening the shell with foam.



What a Quality Spray Foam Task Looks Like in Conway

Not every spray foam task is produced equal. Foam can be a great upgrade, or a source of headaches, depending on the installation details.

A strong, professional process in Conway usually follows these steps:

1. Detailed inspection of the attic, crawlspace, and wall assemblies, consisting of looking for existing moisture problems, roofing system leaks, and ventilation paths that will be changed.

2. Clear conversation about foam type, density, target R worths, and how existing insulation (like fiberglass batts) will be gotten rid of or left in place as part of the design.
3. Proper surface area preparation, including cleansing, protecting recessed components and mechanical elements, and developing safe access courses for future service.
4. Installation with consistent density, full protection at joints and penetrations, and cautious trimming where foam may call non-rated fixtures or obstruct service panels.
5. Post-installation walkthrough, including discussing brand-new attic or crawlspace conditions, attending to any required ventilation changes, and collaborating with HVAC adjustments.

When that procedure is followed, Spray Foam Insulation Conway SC provides the performance it guarantees. When corners are cut, you may see spaces, thin areas, or unexpected moisture traps.

I have actually crawled through attics where foam protection ranged from 2 inches in one location to bare wood only a few feet away. In an environment as damp as Conway, those gaps can end up being condensation spots, mold dangers, and consistent hot zones.

Managing Wetness and Ventilation in a Tight Home

One of the most common mistaken beliefs I hear is that "spray foam makes the house too tight." A house can definitely be developed or retrofitted to be too tight for natural ventilation, but that is not an issue with insulation. It is a problem with the lack of intentional ventilation.

A tighter shell changes where and how moisture goes into and leaves the building. Instead of slipping in through fractures around can lights and attic hatches, outside air needs to get in through prepared pathways, ideally filtered and conditioned.

For many Conway homes, this suggests pairing Spray Foam Insulation Conway SC with:

Mechanical ventilation. This can be as easy as a timed, managed fresh air consumption connected into the HVAC, or as advanced as an energy recovery ventilator that balances incoming and outgoing air.

Proper bath and kitchen area exhaust. Fans need to vent to the outdoors and be sized to really move enough air. In a tighter house, a weak or poorly ducted fan quickly shows its flaws.

Dehumidification strategies. In shoulder seasons when you are not cooling greatly, however outdoor humidity remains high, a stand-alone dehumidifier or HVAC system with enhanced dehumidification controls can keep indoor relative humidity in a healthy range.

When ventilation and wetness control are incorporated into the total strategy, a tight shell is a benefit, not a liability.

Energy Savings: What Conway Homeowners Realistically See

Numbers vary commonly, but it is possible to describe sensible expectations for a normal wood framed Conway home of, state, 1,800 to 2,400 square feet.

On existing homes with leaking attics and minimal air sealing, including Spray Foam Insulation Conway SC to the roof deck and bringing ductwork into the conditioned area typically cuts heating and cooling energy usage by 20 to 35 percent. That is contingent on having fairly effective devices and good thermostat settings.

If that foam upgrade is coupled with a right-sized, contemporary HVAC Installation Conway SC job, especially one that uses variable speed air handlers and good humidity control, overall decreases in HVAC-related energy use

can push into the 30 to 45 percent range compared to an old, dripping, single stage setup.

Payback times depend on utility rates, the starting condition of your house, and whether you are combining work you already needed (like a mandatory HVAC replacement) with insulation upgrades. For many Conway property owners, spray foam plus thoughtful HVAC work spends for itself over a period of numerous years, specifically when you factor in comfort and reduced repair work risk.

Those energy savings are not simply theory. They show up in expenses and in the habits of the system. Shorter, more constant run times, steadier indoor temperature [HVAC Installation Conway SC](#) levels, and less emergency situation calls for HVAC Repair Conway SC are daily indications that the envelope and devices are lastly playing on the exact same team.

Choosing the Right Contractors in Conway

The success of any efficiency upgrade boils down to individuals doing the work. Online look for HVAC repair near me or insulation professionals in Conway will produce plenty of names. Sorting them takes a bit more effort.

Look for teams that comprehend both structure science and regional code. Ask particular concerns, such as:

How do you compute the heating and cooling load when spray foam is installed?

What is your plan for attic or crawlspace ventilation after the foam? Will these areas end up being conditioned or semi conditioned?

How will you safeguard existing electrical wiring, can lights, and mechanical devices throughout spraying?

For HVAC companies, press them on testing. Do they perform fixed pressure measurements, duct leakage testing, or combustion safety look for gas home appliances? A yes, together with clear explanations, is a strong signal that they approach HVAC Service Conway SC with a system mindset.

Finally, take note of how they discuss wetness. Specialists who work in Horry County for any length of time respect humidity. If someone dismisses it or frames spray foam as a basic "insulate and forget" service, they are glossing over a main part of our climate.

Practical Maintenance Habits After Upgrades

Once you have tighter insulation and tuned HVAC, a couple of practices safeguard your financial investment and keep the system efficient.

Change filters on schedule, and utilize quality media that match the system style. Excessively restrictive filters installed in a system not created for them raise static pressure and can reverse performance gains.

Keep an eye on indoor humidity. A simple hygrometer can inform you if levels routinely creep above 60 percent. If they do, talk with your HVAC provider about dehumidification strategies.

Schedule regular HVAC Service Conway SC checks before peak cooling and heating seasons. After spray foam upgrades, the system will behave differently. Early service check outs catch issues like low airflow or incorrect charge that might not have actually appeared before.

Inspect foam surfaces yearly, particularly in attics and crawlspaces. You are looking for signs of roof leaks, bug damage, or unusual discoloration. Foam itself is steady, however your home around it continues to age and move.

These habits cost far less than a significant repair work and extend the life of both your insulation and your HVAC system.

Bringing Everything Together for Conway Homes

Real energy efficiency in Conway does not come from any single product. It originates from aligning the building shell, the mechanical systems, and the wetness control technique with the reality of our climate.

Spray Foam Insulation Conway SC can transform a drafty, inconsistent home into a tight, predictable structure that is much easier to heat and cool. Professional HVAC Repair Conway SC, in addition to mindful HVAC Installation Conway SC options, guarantees the devices serving that structure is appropriately sized, tuned, and durable.

When those aspects are collaborated, house owners see lower costs, quieter operation, more even comfort, and less emergency situation searches for HVAC repair near me during a heat wave. It is a system, and like any great system, the pieces work best when they are designed and preserved together.

Tech Service Heating Cooling and Spray Foam provides HVAC services

Tech Service Heating Cooling and Spray Foam installs air conditioning systems

Tech Service Heating Cooling and Spray Foam repairs heating systems

Tech Service Heating Cooling and Spray Foam improves indoor comfort

Tech Service Heating Cooling and Spray Foam offers spray foam insulation

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Tech Service Heating Cooling and Spray Foam maintains climate control systems

Tech Service Heating Cooling and Spray Foam provides reliable service

Tech Service Heating/Cooling & Spray Foam has a phone number of (843) 488-1571

Tech Service Heating/Cooling & Spray Foam has an address of 2617 Shoffner Rd, Conway, SC 29527

Tech Service Heating/Cooling & Spray Foam has a website <https://techhvac-foam.com/>

Tech Service Heating/Cooling & Spray Foam has Google Maps listing <https://maps.app.goo.gl/U3j6T3Lmw5WdaJSZ8>

Tech Service Heating/Cooling & Spray Foam has TikTok page <https://www.tiktok.com/@tech.service.inc>

Tech Service Heating/Cooling & Spray Foam earned Best Customer Service Award 2024

People Also Ask about Tech Service Heating/Cooling & Spray Foam

What HVAC services does Tech Service Heating Cooling and Spray Foam provide for residential and commercial properties?

Tech Service Heating Cooling and Spray Foam provides complete HVAC services including Air Conditioning Installation, Heating Systems Repairs, Spray Foam Insulation, ventilation upgrades, preventative maintenance, and energy efficiency solutions with reliable service and quality workmanship

Does Tech Service Heating Cooling and Spray Foam handle Air Conditioning Installation and Heating Systems Repairs?

Yes, Tech Service Heating Cooling and Spray Foam specializes in Air Conditioning Installation and Heating Systems Repairs, helping customers maintain comfortable indoor environments through dependable HVAC services and professional workmanship

What makes Tech Service Heating Cooling and Spray Foam stand out from other HVAC service companies?

Tech Service Heating Cooling and Spray Foam stands out by delivering reliable service, experienced HVAC technicians, quality workmanship, energy-efficient solutions, and responsive support for heating, cooling, and insulation projects

Can Tech Service Heating Cooling and Spray Foam install Spray Foam Insulation and ventilation systems?

Tech Service Heating Cooling and Spray Foam installs Spray Foam Insulation and ventilation systems designed to improve indoor air quality, increase energy efficiency, and provide long-lasting comfort with quality workmanship

How does Tech Service Heating Cooling and Spray Foam improve energy efficiency in homes and businesses?

Tech Service Heating Cooling and Spray Foam improves energy efficiency through professional HVAC services, Air Conditioning Installation, Heating Systems Repairs, Spray Foam Insulation, and properly installed ventilation systems that reduce energy loss and improve climate control

Where is Tech Service Heating/Cooling & Spray Foam located?

Tech Service Heating/Cooling & Spray Foam is conveniently located at 2617 Shoffner Rd, Conway, SC 29527. You can easily find directions on [Google Maps](#) or call at [\(843\) 488-1571](tel:(843)488-1571) Monday through Thursday 8:00am to 5:00pm, Friday 8:00am to 12:00pm, Saturday through Sunday Open 24 hours

How can I contact Tech Service Heating/Cooling & Spray Foam?

You can contact Tech Service Heating/Cooling & Spray Foam by phone at: [\(843\) 488-1571](tel:(843)488-1571), visit their website at <https://techhvac-foam.com/> or connect on social media via [TikTok](#)

Visiting the [Collins Park](#) demonstrates how professional Heating Systems Repairs and Spray Foam Insulation support community buildings and recreational facilities with dependable comfort.