

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 many Conway homes were not initially developed with high efficiency in mind. I have actually strolled into attics in Horry County where the ductwork sweated like a cold glass of tea, and where you might actually see daytime around roof penetrations. In those homes, the a/c unit could be brand brand-new and still struggle all afternoon.

Real efficiency in Conway originates from treating the house as a connected system. Insulation and HVAC are not different jobs. They impact each other straight. Spray foam alters the method a building acts. HVAC repair and maintenance react to that habits. When both are done professionally and attentively, the payoff shows up in comfort, power bills, and system longevity.

This is specifically real here, where hot, damp summer seasons and mild, 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, but still considerable, heating season. The combination is difficult on both your structure envelope and your equipment.



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

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



Second, the system brief cycles on milder days. Extra-large equipment is common in older HVAC Installation Conway SC projects, frequently because the manual load estimations were skipped or the installer wanted a "safe margin." On a leaking, badly insulated home, that oversizing seems to make good sense on paper, but it leads to fast blasts of cold air, inadequate dehumidification, and large temperature swings.

Third, energy costs increase. I often see older Conway homes with summertime power costs 25 to 40 percent greater than necessary, simply since of weak insulation and air sealing combined with a mismatched HVAC system.

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

What Spray Foam In fact Modifications Inside a Conway Home

Many homeowners consider Spray Foam Insulation Conway SC as just "better insulation." It is more precise to think about it as a way to redefine the building envelope.

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

When installed correctly in a Conway home, spray foam can:

1. Reduce unrestrained air leakage between attic, crawlspace, and living areas.
2. Stabilize indoor temperatures room to room.
3. Lower latent load on your air conditioning system by reducing damp outdoor 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 dealt with a house owner off Highway 905 who had a 2,100 square foot home with a vented, leaking attic and a worn out 4 heap system. After using spray foam to the roof deck and tightening up the attic, the load calculation justified a 3 ton variable speed replacement. Their peak summer expenses dropped by around a 3rd, and they finally stopped battling that sticky, clammy sensation in the evenings.

Those results are manual. The details matter.

Open Cell vs Closed Cell Spray Foam in Conway

Contractors in Conway utilize both open cell and closed cell products. Each has strengths and compromises.

Open cell is lighter, more vapor permeable, and often utilized in roofing decks and walls where drying potential is necessary. It does a great task at air sealing and sound control, and it tends to be more cost efficient per inch.

Closed cell foam has a greater R worth per inch, is far more stiff, and uses much better moisture resistance. In some seaside applications, specifically low crawlspaces, band joists, or locations vulnerable to wind driven rain, closed cell typically makes more sense.

In practice, I see a great deal of homes use open cell in roof decks to create an unvented conditioned attic, and closed cell in crawlspaces and rim joists to stop humidity and air seepage from below. The best mix depends upon your home, the assemblies, and local code requirements.

If a professional proposes spray foam without going over open vs closed cell, drying paths, and how the existing structure manages wetness, that is a red flag. The Conway environment demands attention to humidity and drying, not just R values.

Why HVAC Service and Spray Foam Need To Be Coordinated

Once you tighten up a house with spray foam, the initial HVAC system often becomes oversized. That might seem like a good idea, however for comfort and indoor air quality, it typically is not.

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

- Short cycle, which means less wetness removal and more wear on compressors and blowers.
- Create irregular temperatures, since the thermostat pleases quickly without permitting air to blend thoroughly.
- Increase indoor humidity on mild, wet days, when the temperature requirement is little but the wetness load is high.

Professional HVAC Service Conway SC that understands building science will address this directly. Before or right after a spray foam task, a good professional will run brand-new Manual J load computations, look at your ductwork, and check static pressures. Often the option is a complete system replacement. Other times, a staged compressor, variable speed blower, or zoning can assist match capacity to the brand-new, tighter home.

I have actually seen cases where property owners spent money on Spray Foam Insulation Conway SC, then kept a large, single phase 5 lot system. Their expenses went down somewhat, but comfort never totally enhanced. After resizing the system and changing airflow, your house finally felt as efficient as the foam investment suggested on paper.

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

Signs You Need HVAC Repair Near Me Before You Insulate

If your HVAC system is already hopping, sealing your house can accentuate its issues. It is typically smarter to address fundamental HVAC Repair Conway SC issues before or alongside spray foam upgrades.

Here are practical indication that indicate a requirement for professional maintenance:

1. The system runs constantly however still can not keep up on peak hot or cold days.
2. You notification weak air flow from specific vents, or some spaces feel considerably hotter or colder than others.
3. There are brand-new or aggravating sounds from the blower or outdoor system, specifically grinding, squealing, or loud rattles.
4. Your power expenses jump greatly from one season to the next, without an obvious change in usage or rates.
5. Ice kinds on the refrigerant lines, or you see water around the indoor air handler that is not simply from a condensate drain.

Any of these signs validate a require HVAC repair near me before you invest greatly in Spray Foam Insulation Conway SC. A healthy HVAC system responds better to the enhanced envelope and lets you see the genuine gains from the insulation work.

The Function of Professional HVAC Installation in a Spray Foam Home

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

Load computations can not be uncertainty. The contractor ought to inquire about your insulation levels, air sealing, window performance, and occupancy patterns. If they simply match the old system load for lot, or suggest bumping up "simply in case," they are neglecting the decreased heat gain and loss from correctly applied foam.

Duct design also alters in a spray foam home. Lots of Conway house owners pick to bring ductwork into a conditioned attic. This can be a big benefit, however just if the ducts are sized properly and sealed well. A tightly lathered attic that still has leaking, improperly well balanced ducts will seem like a cars with flat tires.

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

They step, not think. They utilize air flow readings, static pressure tests, and temperature splits instead of relying on rules of thumb.

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

They communicate clearly about filters, maintenance, and ventilation. A tighter home needs deliberate fresh air techniques, not simply accidental leakage.

If your contractor never ever points out ventilation choices, such as energy recovery ventilators or well balanced fresh air strategies, that is another red flag when you devote to tightening up the shell with foam.

What a Quality Spray Foam Task Looks Like in Conway

Not every spray foam task is developed equal. Foam can be a fantastic upgrade, or a source of headaches, depending upon the installation details.

A strong, professional procedure in Conway typically follows these steps:

1. Detailed inspection of the attic, crawlspace, and wall assemblies, including checking for existing moisture concerns, roofing leaks, and ventilation paths that will be changed.
2. Clear discussion about foam type, density, target R worths, and how existing insulation (like fiberglass batts) will be eliminated or left in location as part of the design.
3. Proper surface preparation, consisting of cleaning, securing recessed components and mechanical parts, and establishing safe access paths for future service.
4. Installation with consistent thickness, complete coverage at joints and penetrations, and cautious trimming where foam might contact non-rated components or block service panels.
5. Post-installation walkthrough, including explaining new attic or crawlspace conditions, resolving any necessary ventilation changes, and collaborating with HVAC adjustments.

When that procedure is followed, Spray Foam Insulation Conway SC delivers the efficiency it promises. When corners are cut, you may see voids, thin areas, or unintentional wetness traps.

I have crawled through attics where foam coverage varied from 2 inches in one area to bare wood only a few feet away. In a climate as humid as Conway, those spaces can end up being condensation areas, mold threats, and persistent hot zones.

Managing Wetness and Ventilation in a Tight Home

One of the most typical misconceptions I hear is that "spray foam makes your home too tight." A house can absolutely be developed or retrofitted to be too tight for natural ventilation, but that is not a problem with insulation. It is an issue with the lack of deliberate ventilation.

A tighter shell changes where and how moisture gets in and leaves the structure. Instead of slipping in through cracks around can lights and attic hatches, outside air needs to enter through prepared pathways, preferably filtered and conditioned.

For numerous Conway homes, this means pairing Spray Foam Insulation Conway SC with:

Mechanical ventilation. This can be as basic as a timed, managed fresh air consumption connected into the HVAC, or as advanced as an energy healing ventilator that stabilizes inbound and outgoing air.

Proper bath and kitchen exhaust. Fans need to vent to the outside and be sized to in fact move enough air. In a tighter house, a [HVAC repair near me](#) weak or poorly ducted fan rapidly reveals its flaws.

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

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

Energy Cost savings: What Conway Homeowners Reasonably See

Numbers vary widely, however it is possible to lay out sensible expectations for a typical wood framed Conway home of, state, 1,800 to 2,400 square feet.

On existing homes with dripping attics and very little air sealing, including Spray Foam Insulation Conway SC to the roofing system deck and bringing ductwork into the conditioned space often cuts heating and cooling energy usage by 20 to 35 percent. That is contingent on having fairly efficient devices and decent thermostat settings.

If that foam upgrade is paired with a right-sized, contemporary HVAC Installation Conway SC task, specifically one that uses variable speed air handlers and great humidity control, overall reductions in HVAC-related energy use can press into the 30 to 45 percent range compared to an old, leaking, single stage setup.

Payback times depend upon energy rates, the starting condition of the house, and whether you are combining work you already required (like a necessary HVAC replacement) with insulation upgrades. For lots of Conway homeowners, spray foam plus thoughtful HVAC work pays for itself over a period of several years, particularly when you consider comfort and reduced repair risk.

Those energy savings are not simply theory. They show up in costs and in the behavior of the system. Shorter, more consistent run times, steadier indoor temperatures, and less emergency requires HVAC Repair Conway SC are everyday signs that the envelope and equipment are finally using the exact same team.

Choosing the Right Contractors in Conway

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

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

How do you calculate the heating and cooling load as soon as spray foam is installed?

What is your prepare for attic or crawlspace ventilation after the foam? Will these spaces become conditioned or semi conditioned?

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

For HVAC suppliers, press them on screening. Do they perform fixed pressure measurements, duct leak screening, or combustion security look for gas appliances? A yes, along 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. Professionals who operate 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 few practices protect your investment and keep the system efficient.

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

Keep an eye on indoor humidity. An easy hygrometer can inform you if levels consistently creep above 60 percent. If they do, talk to your HVAC service provider about dehumidification strategies.



Schedule routine HVAC Service Conway SC checks before peak cooling and heating seasons. After spray foam upgrades, the system will act in a different way. Early service sees capture issues like low air flow or improper charge that may not have actually appeared before.

Inspect foam surfaces yearly, specifically in attics and crawlspaces. You are searching for indications of roofing leakages, pest damage, or uncommon discoloration. Foam itself is stable, but the house 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 item. It comes from lining up 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, foreseeable 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 equipment serving that structure is properly sized, tuned, and durable.

When those aspects are collaborated, house owners see lower bills, quieter operation, more even comfort, and fewer emergency situation look for HVAC repair near me throughout a heat wave. It is a system, and like any great system, the pieces work best when they are created and kept 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

Tech Service Heating Cooling and Spray Foam performs HVAC maintenance

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Tech Service Heating Cooling and Spray Foam increases energy efficiency

Tech Service Heating Cooling and Spray Foam installs ventilation systems

Tech Service Heating Cooling and Spray Foam reduces energy costs

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Tech Service Heating Cooling and Spray Foam seals building gaps

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

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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](#)

Conveniently located near Tech Service Heating/Cooling & Spray Foam [B&B Theatres Conway](#) a great movie theater with full food & drink menu. Catch a movie and enjoy some great food while you wait.