

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 Strand have a method of approaching on you. Summer humidity awaits the air, winter nights perspire and cold, and lots of Conway homes were not originally constructed with high efficiency in mind. I have strolled into attics in Horry County where the ductwork sweated like a cold glass of tea, and where you could literally see daylight around roofing system penetrations. In those homes, the air conditioning unit might be brand name new and still battle all afternoon.

Real efficiency in Conway originates from dealing with the house as a linked system. Insulation and HVAC are not different tasks. They affect each other directly. Spray foam alters the way a structure acts. HVAC repair and maintenance respond to that behavior. When both are done expertly and thoughtfully, the reward shows up in convenience, power costs, and system longevity.

This is particularly real here, where hot, wet summertimes and mild, wet winters expose weaknesses in both insulation and HVAC design.

How Coastal Carolina Climate Punishes Weak Insulation and HVAC

Conway beings in a mixed-humid climate. That suggests long cooling seasons with heavy humidity, plus a much shorter, but still considerable, heating season. The combination is difficult on both your building envelope and your equipment.



When a home is under-insulated and dripping, three things generally happen.

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

Second, the system short cycles on milder days. Oversized equipment prevails in older HVAC Installation Conway SC tasks, typically because the manual load computations were avoided or the installer desired a "safe margin." On a leaking, badly insulated home, that oversizing appears to make good sense on paper, but it leads to quick blasts of cold air, insufficient dehumidification, and wide temperature swings.

Third, energy costs spike. I typically see older Conway homes with summer power costs 25 to 40 percent greater than needed, purely because of weak insulation and air sealing combined with a mismatched HVAC system.

Once spray foam insulation and appropriately sized HVAC work together, the whole dynamic shifts.

What Spray Foam Really Modifications Inside a Conway Home

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

Traditional fiberglass or cellulose primarily slows heat transfer. They do not reliably stop air motion. 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 unchecked air leak between attic, crawlspace, and living areas.
2. Stabilize indoor temperature levels room to room.
3. Lower latent load on your air conditioning system by reducing humid outdoor air infiltration.
4. Help control condensation on ductwork and cold surfaces.
5. Allow smaller sized, more effective HVAC systems to perform well.

I once dealt with a homeowner off Highway 905 who had a 2,100 square foot home with a vented, leaky attic and a tired 4 ton system. After applying spray foam to the roof deck and tightening the attic, the load computation justified a 3 ton variable speed replacement. Their peak summer season bills visited around a third, and they finally stopped battling that sticky, clammy feeling in the evenings.

Those results are not automatic. The details matter.

Open Cell vs Closed Cell Spray Foam in Conway

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

Open cell is lighter, more vapor permeable, and typically utilized in roofing system decks and walls where drying potential is very important. It does an excellent task at air sealing and sound control, and it tends to be more cost reliable per inch.

Closed cell foam has a greater R worth per inch, is a lot more rigid, and provides better wetness resistance. In some seaside applications, especially low crawlspaces, band joists, or areas vulnerable to wind driven rain, closed cell typically makes more sense.

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

If a specialist proposes spray foam without talking about open vs closed cell, drying paths, and how the existing structure manages moisture, that is a warning. The Conway environment [HVAC repair near me Tech Service Heating/Cooling & Spray Foam](#) demands attention to humidity and drying, not just R values.

Why HVAC Service and Spray Foam Need To Be Coordinated

Once you tighten a house with spray foam, the initial HVAC system frequently ends up being large. That may seem like a good thing, but for comfort and indoor air quality, it generally is not.



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

- Short cycle, which means less wetness removal and more wear on compressors and blowers.
- Create irregular temperature levels, due to the fact that the thermostat pleases rapidly without allowing air to blend thoroughly.
- Increase indoor humidity on mild, wet days, when the temperature level requirement is small but the wetness load is high.

Professional HVAC Service Conway SC that comprehends structure science will address this directly. Before or right after a spray foam project, a good professional will run brand-new Manual J load calculations, take a look at your ductwork, and check fixed pressures. Sometimes the solution is a full 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 house owners invested money on Spray Foam Insulation Conway SC, then kept an extra-large, single phase 5 ton system. Their costs went down somewhat, however comfort never completely enhanced. After resizing the system and adjusting airflow, the house lastly felt as efficient as the foam financial investment suggested on paper.

Coordination is the key. Deal with spray foam and HVAC as one job, 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 home can emphasize its problems. It is frequently smarter to attend to standard HVAC Repair Conway SC problems before or along with spray foam upgrades.

Here are useful warning signs that indicate 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 notification weak air flow from particular vents, or some spaces feel considerably hotter or cooler than others.
3. There are new or getting worse sounds from the blower or outside system, specifically grinding, screeching, or loud rattles.
4. Your power expenses leap greatly from one season to the next, without an apparent modification in use or rates.
5. Ice types 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 justify a call for HVAC repair near me before you invest greatly in Spray Foam Insulation Conway SC. A healthy HVAC system reacts better to the improved envelope and lets you see the genuine gains from the insulation work.

The Role of Professional HVAC Installation in a Spray Foam Home

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

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

Duct design likewise changes in a spray foam home. Many Conway house owners pick to bring ductwork into a conditioned attic. This can be a huge benefit, but only if the ducts are sized properly and sealed well. A tightly foamed attic that still has leaking, poorly balanced ducts will seem like a sports car with flat tires.

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

They procedure, not guess. They utilize airflow readings, fixed pressure tests, and temperature level splits rather of depending on rules of thumb.

They speak about humidity control. They explain how the system will deal with latent load in shoulder seasons when outdoors temperatures are moderate, however humidity is still brutal.

They interact clearly about filters, maintenance, and ventilation. A tighter home needs intentional fresh air methods, not just unexpected leakage.

If your specialist never points out ventilation choices, such as energy healing ventilators or well balanced fresh air methods, that is another red flag as soon as you devote to tightening up the shell with foam.

What a Quality Spray Foam Job Looks Like in Conway

Not every spray foam job is produced equal. Foam can be a fantastic upgrade, or a source of headaches, depending on the setup details.

A solid, professional process in Conway generally follows these actions:

1. Detailed inspection of the attic, crawlspace, and wall assemblies, consisting of checking for existing moisture concerns, roofing system leakages, and ventilation courses that will be changed.
2. Clear discussion about foam type, thickness, target R worths, and how existing insulation (like fiberglass batts) will be removed or left in place as part of the design.
3. Proper surface preparation, including cleansing, protecting recessed components and mechanical elements, and establishing safe access paths for future service.
4. Installation with constant density, complete protection at joints and penetrations, and careful cutting where foam may call non-rated components or obstruct service panels.
5. Post-installation walkthrough, including discussing brand-new attic or crawlspace conditions, addressing any required ventilation modifications, and coordinating with HVAC adjustments.

When that process is followed, Spray Foam Insulation Conway SC provides the efficiency it assures. When corners are cut, you might see voids, thin areas, or unintentional moisture traps.

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

Managing Moisture and Ventilation in a Tight Home

One of the most common misunderstandings I hear is that "spray foam makes your house too tight." A home can definitely be built or retrofitted to be too tight for natural ventilation, but that is not a problem with insulation. It is a problem with the lack of deliberate ventilation.

A tighter shell changes where and how wetness enters and leaves the building. Instead of sneaking in through cracks around can lights and attic hatches, outdoor air needs to go into through planned pathways, preferably filtered and conditioned.

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

Mechanical ventilation. This can be as simple as a timed, controlled fresh air intake connected into the HVAC, or as advanced as an energy healing ventilator that balances inbound 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 incorrectly ducted fan rapidly reveals its flaws.

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

When ventilation and wetness control are integrated into the overall strategy, a tight shell is an advantage, not a liability.



Energy Cost savings: What Conway Homeowners Realistically See

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

On existing homes with leaking attics and very little air sealing, adding Spray Foam Insulation Conway SC to the roof deck and bringing ductwork into the conditioned space frequently cuts heating and cooling energy use by 20 to 35 percent. That is contingent on having reasonably efficient equipment and decent thermostat settings.

If that foam upgrade is paired with a right-sized, modern HVAC Installation Conway SC job, specifically one that uses variable speed air handlers and excellent humidity control, overall decreases in HVAC-related energy usage can push into the 30 to 45 percent range compared to an old, leaking, single stage setup.

Payback times depend upon energy rates, the beginning condition of your home, and whether you are integrating work you already required (like an obligatory HVAC replacement) with insulation upgrades. For many Conway house owners, spray foam plus thoughtful HVAC work spends for itself over a span of numerous years, particularly when you factor in convenience and reduced repair work risk.

Those energy cost savings are not just theory. They are visible in expenses and in the behavior of the system. Shorter, more consistent run times, steadier indoor temperatures, and fewer emergency situation requires HVAC Repair Conway SC are daily indications that the envelope and equipment are finally using the exact same team.

Choosing the Right Professionals in Conway

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

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

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

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

How will you protect existing circuitry, can lights, and mechanical devices during spraying?

For HVAC service providers, press them on screening. Do they carry out static pressure measurements, duct leakage testing, or combustion security checks for gas appliances? A yes, in addition to clear descriptions, is a strong signal that they approach HVAC Service Conway SC with a system mindset.

Finally, focus on how they speak about moisture. Professionals 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" solution, they are glossing over a main part of our climate.

Practical Maintenance Behaviors After Upgrades

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

Change filters on schedule, and utilize quality media that match the system design. Extremely restrictive filters installed in a system not developed for them raise static pressure and can undo effectiveness gains.

Keep an eye on indoor humidity. An easy hygrometer can tell you if levels regularly creep above 60 percent. If they do, talk with your HVAC company about dehumidification strategies.

Schedule routine HVAC Service Conway SC checks before peak cooling and heating seasons. After spray foam upgrades, the system will act differently. Early service visits catch issues like low air flow or improper charge that might not have appeared before.

Inspect foam surfaces yearly, particularly in attics and crawlspaces. You are trying to find signs of roof leakages, insect damage, or unusual staining. Foam itself is steady, but the house around it continues to age and move.

These routines cost far less than a significant repair work and stretch out the life of both your insulation and your HVAC system.

Bringing It All Together for Conway Homes

Real energy efficiency in Conway does not originate from any single item. It comes from aligning the building shell, the mechanical systems, and the moisture control method with the reality of our climate.

Spray Foam Insulation Conway SC can transform a drafty, irregular home into a tight, predictable structure that is easier to heat and cool. Professional HVAC Repair Conway SC, along with cautious HVAC Installation Conway SC options, makes sure the equipment serving that structure is correctly sized, tuned, and durable.

When those aspects are coordinated, house owners see lower expenses, quieter operation, more even convenience, and less emergency searches for HVAC repair near me throughout a heat wave. It is a system, and like any good system, the pieces work best when they are developed 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

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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

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 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](#)

[Conway Riverwalk](#) highlights the importance of HVAC services, Air Conditioning Installation, and Reliable Service in maintaining comfortable public spaces with lasting Quality Workmanship.