

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 creeping up on you. Summertime humidity awaits the air, winter nights are damp and chilly, and lots of Conway homes were not originally developed with high effectiveness 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 literally see daylight around roof penetrations. In those homes, the a/c unit might be brand brand-new and still battle all afternoon.

Real effectiveness in Conway originates from dealing with your house as a connected system. Insulation and HVAC are not separate projects. They impact each other straight. Spray foam alters the way a building behaves. HVAC repair and maintenance react to that habits. When both are done expertly and attentively, the reward appears in comfort, power expenses, and system longevity.

This is specifically true here, where hot, damp summertimes and mild, moist winters expose weak points in both insulation and HVAC design.

How Coastal Carolina Environment Punishes Weak Insulation and HVAC

Conway sits in a mixed-humid environment. That suggests long cooling seasons with heavy humidity, plus a much 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 dripping, 3 things generally happen.

First, the ac 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 the house leaks, that moisture trips in with every draft and every duct leak.

Second, the system short cycles on milder days. Extra-large devices prevails in older HVAC Installation Conway SC tasks, often since the manual load calculations were avoided or the installer desired a "safe margin." On a leaky, badly insulated home, that oversizing appears to make sense on paper, however it causes quick blasts of cold air, insufficient dehumidification, and broad temperature level swings.

Third, energy costs increase. I often see older Conway homes with summertime power costs 25 to 40 percent higher than required, purely since of weak insulation and air sealing integrated with a mismatched HVAC system.

Once spray foam insulation and properly sized HVAC work together, the entire dynamic shifts.

What Spray Foam In fact Changes Inside a Conway Home

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

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

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

1. Reduce uncontrolled air leakage between attic, crawlspace, and living areas.
2. Stabilize indoor temperature levels space 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 once worked with a homeowner off Highway 905 who had a 2,100 square foot house with a vented, dripping attic and a worn out 4 lot system. After applying spray foam to the roof deck and tightening up the attic, the load calculation validated a 3 lot variable speed replacement. Their peak summer season bills stopped by around a 3rd, and they finally stopped battling that sticky, clammy sensation in the evenings.

Those outcomes are not automatic. The information 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 trade-offs.

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

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

In practice, I see a great deal of homes utilize open cell in roofing system decks to produce an unvented conditioned attic, and closed cell in crawlspaces and rim joists to stop humidity and air infiltration from below.

The right mix depends on your house, the assemblies, and regional code requirements.

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

Why HVAC Service and Spray Foam Need To Be Coordinated

Once you tighten up a home with spray foam, the original HVAC system frequently ends up being large. That might sound like a good idea, however for convenience and indoor air quality, it usually is not.



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

- Short cycle, which means less wetness elimination and more wear on compressors and blowers.
- Create uneven temperature levels, due to the fact that the thermostat satisfies rapidly without allowing air to mix thoroughly.
- Increase indoor humidity on mild, damp days, when the temperature level need is small but the wetness load is high.

Professional HVAC Service Conway SC that comprehends building science will resolve this directly. Before or right after a spray foam task, a great professional will run new Manual J load estimations, look at your ductwork, and inspect fixed pressures. In some cases the solution is a complete system replacement. Other times, a staged compressor, variable speed blower, or zoning can assist match capacity to the new, tighter home.

I have actually seen cases where property owners spent money on Spray Foam Insulation Conway SC, then kept an oversized, single phase 5 load system. Their expenses went down rather, however convenience never ever totally improved. After resizing the system and changing air flow, the house finally felt as efficient as the foam financial investment recommended on paper.

Coordination is the key. Treat spray foam and HVAC as one task, even if the work takes place in phases.

Signs You Required HVAC Repair Near Me Before You Insulate

If your HVAC system is already limping, sealing the house can accentuate its problems. It is often smarter to resolve basic HVAC Repair Conway SC problems before or alongside spray foam upgrades.



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

1. The system runs constantly however still can not keep up on peak hot or cold days.
2. You notification weak airflow from particular vents, or some rooms feel substantially hotter or colder than others.
3. There are new or getting worse noises from the blower or outside unit, particularly grinding, screeching, or loud rattles.
4. Your power costs leap greatly from one season to the next, without an apparent change in use or rates.
5. Ice forms on the refrigerant lines, or you see water around the indoor air handler that is not just from a condensate drain.

Any of these signs validate a call for HVAC repair near me before you invest greatly in Spray Foam Insulation Conway SC. A healthy HVAC system responds much better to the improved 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 a lot more vital if you have or prepare to have spray foam.

Load estimations can not be guesswork. The contractor needs to ask about your insulation levels, air sealing, window efficiency, and tenancy patterns. If they simply match the old system load for ton, or suggest bumping up "just in case," they are neglecting the reduced heat gain and loss from properly applied foam.

Duct style also alters in a spray foam home. Many Conway homeowners select to bring ductwork into a conditioned attic. This can be a big advantage, but just if the ducts are sized properly and sealed well. A securely foamed attic that still has dripping, poorly balanced ducts will feel like a cars with flat tires.

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



They step, not guess. They use air flow readings, fixed pressure tests, and temperature splits instead of counting on rules of thumb.

They talk about humidity control. They explain how the system will handle latent load in shoulder seasons when outside temperatures are moderate, but humidity is still brutal.

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

If your contractor never points out ventilation options, such as energy recovery ventilators or well balanced fresh air methods, that is another warning as soon as you devote to tightening the shell with foam.

What a Quality Spray Foam Job Appears Like in Conway

Not every spray foam task is created equivalent. Foam can be a wonderful upgrade, or a source of headaches, depending on the setup details.

A strong, professional procedure in Conway usually follows these actions:

1. Detailed examination of the attic, crawlspace, and wall assemblies, including looking for existing moisture problems, roofing system leaks, and ventilation courses that will be changed.
2. Clear conversation about foam type, thickness, target R values, and how current insulation (like fiberglass batts) will be removed or left in place as part of the design.

3. Proper surface preparation, including cleansing, securing recessed components and mechanical elements, and establishing safe gain access to courses for future service.
4. Installation with consistent thickness, full protection at joints and penetrations, and careful trimming where foam may contact non-rated fixtures or obstruct service panels.
5. Post-installation walkthrough, including discussing new attic or crawlspace conditions, resolving any essential ventilation changes, and collaborating with HVAC adjustments.

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

I have crawled through attics where foam coverage ranged from 2 inches [HVAC Repair Conway SC](#) in one location to bare wood just a couple of feet away. In an environment as humid as Conway, those gaps can become condensation spots, mold risks, and relentless hot zones.

Managing Moisture and Ventilation in a Tight Home

One of the most common misconceptions I hear is that "spray foam makes your home too tight." A home can definitely be built or retrofitted to be too tight for natural ventilation, but that is not an issue with insulation. It is an issue with the absence of intentional ventilation.

A tighter shell changes where and how moisture goes into and leaves the structure. Rather of sneaking in through cracks around can lights and attic hatches, outdoor air ought to enter through prepared pathways, preferably filtered and conditioned.

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

Mechanical ventilation. This can be as simple as a timed, managed fresh air intake tied into the HVAC, or as sophisticated as an energy healing ventilator that stabilizes incoming and outbound air.

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

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

When ventilation and moisture control are integrated into the general strategy, a tight shell is a benefit, not a liability.

Energy Cost savings: What Conway Homeowners Realistically See

Numbers differ extensively, however it is possible to detail sensible expectations for a common wood framed Conway home of, say, 1,800 to 2,400 square feet.

On existing homes with leaky attics and very little 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 use by 20 to 35 percent. That is contingent on having reasonably efficient devices and decent thermostat settings.

If that foam upgrade is paired with a right-sized, modern HVAC Installation Conway SC task, particularly one that utilizes variable speed air handlers and excellent humidity control, overall reductions in HVAC-related energy use can press into the 30 to 45 percent variety compared to an old, dripping, single phase setup.

Payback times depend upon energy rates, the beginning condition of your home, and whether you are integrating work you currently needed (like a necessary HVAC replacement) with insulation upgrades. For lots of Conway house owners, spray foam plus thoughtful HVAC work spends for itself over a period of a number of years, particularly when you consider comfort and decreased repair work risk.

Those energy cost savings are not simply theory. They are visible in expenses and in the behavior of the system. Much shorter, more constant run times, steadier indoor temperature levels, and less emergency situation requires HVAC Repair Conway SC are daily indications that the envelope and devices are lastly playing on the same team.

Choosing the Right Specialists in Conway

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

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

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

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

How will you protect existing circuitry, can lights, and mechanical equipment throughout spraying?

For HVAC suppliers, press them on testing. Do they carry out fixed pressure measurements, duct leak screening, or combustion security checks for gas devices? A yes, in addition to clear explanations, is a strong signal that they approach HVAC Service Conway SC with a system mindset.

Finally, take note of 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 simple "insulate and forget" option, they are glossing over a main part of our climate.

Practical Maintenance Behaviors After Upgrades

Once you have tighter insulation and tuned HVAC, a few habits protect your investment and keep the system efficient.

Change filters on schedule, and use quality media that match the system style. Overly restrictive filters set up in a system not developed for them raise static pressure and can reverse effectiveness gains.

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

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

Inspect foam surfaces yearly, especially in attics and crawlspaces. You are searching for indications of roofing leakages, pest damage, or unusual discoloration. Foam itself is steady, however your home around it continues to age and move.

These routines cost far less than a major repair 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 originates from aligning the building shell, the mechanical systems, and the moisture control strategy with the truth of our climate.

Spray Foam Insulation Conway SC can transform a drafty, inconsistent home into a tight, foreseeable structure that is simpler to heat and cool. Professional HVAC Repair Conway SC, together with cautious HVAC Installation Conway SC options, guarantees the devices serving that structure is correctly sized, tuned, and durable.

When those components are coordinated, property owners see lower costs, quieter operation, more even convenience, and fewer emergency situation searches for HVAC repair near me during a heat wave. It is a system, and like any excellent system, the pieces work best when they are developed 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

Tech Service Heating Cooling and Spray Foam performs HVAC maintenance

Tech Service Heating Cooling and Spray Foam services residential properties

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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 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](#)

Residents may take a trip to the [Rivertown Bistro](#). Rivertown Bistro demonstrates how reliable HVAC services, ventilation systems, and Quality Workmanship help create a comfortable dining environment year round.