

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. Summer humidity hangs in the air, winter season nights perspire and cold, and lots of Conway homes were not initially developed with high performance in mind. I have actually strolled into attics in Horry County where the ductwork sweated like a cold glass of tea, and where you could actually see daytime around roofing penetrations. In those homes, the air conditioner could be brand brand-new and still struggle all afternoon.

Real effectiveness in Conway comes from dealing with the house as a connected system. Insulation and HVAC are not separate tasks. They affect each other directly. Spray foam alters the way a building behaves. HVAC repair and maintenance respond to that habits. When both are done professionally and attentively, the benefit appears in convenience, power costs, and system longevity.

This is especially real here, where hot, damp summertimes and moderate, wet winter seasons expose weak points in both insulation and HVAC design.

How Coastal Carolina Climate Penalizes Weak Insulation and HVAC

Conway sits in a mixed-humid climate. That indicates long cooling seasons with heavy humidity, plus a shorter, however still considerable, heating season. The mix is tough on both your building envelope and your equipment.

When a home is under-insulated and leaky, three things normally happen.

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

Second, the system brief cycles on milder days. Oversized equipment prevails in older HVAC Installation Conway SC projects, frequently because the manual load computations were avoided or the installer desired a "safe margin." On a leaking, inadequately insulated home, that oversizing appears to make good sense on paper, however it causes fast blasts of cold air, insufficient dehumidification, and wide temperature level swings.

Third, energy costs surge. I typically see older Conway homes with summertime power bills 25 to 40 percent greater than needed, purely due to the fact that of weak insulation and air sealing combined with a mismatched HVAC system.

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

What Spray Foam Really Changes Inside a Conway Home

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

Traditional fiberglass or cellulose primarily slows heat transfer. They do not dependably 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 set up correctly in a Conway home, spray foam can:

1. Reduce unrestrained air leak in between attic, crawlspace, and living areas.
2. Stabilize indoor temperatures room to room.
3. Lower hidden load on your a/c system by decreasing humid outdoor air infiltration.
4. Help control condensation on ductwork and cold surfaces.
5. Allow smaller, more effective HVAC systems to perform well.

I as soon as worked with a homeowner off Highway 905 who had a 2,100 square foot house with a vented, leaky attic and a tired 4 heap system. After using spray foam to the roofing system deck and tightening the attic, the load calculation validated a 3 ton variable speed replacement. Their peak summer season bills visited around a 3rd, and they lastly stopped fighting that sticky, clammy feeling in the evenings.

Those results are manual. 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 compromises.

Open cell is lighter, more vapor permeable, and typically used in roofing decks and walls where drying capacity is important. It does a great task at air sealing and sound control, and it tends to be more cost effective per inch.

Closed cell foam has a higher R worth per inch, is much more stiff, and provides better moisture resistance. In some seaside applications, especially low crawlspaces, band joists, or locations prone to wind driven rain, closed cell often 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 on the house, the assemblies, and regional code requirements.

If a professional proposes spray foam without talking about open vs closed cell, drying courses, and how the existing structure handles 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 Must Be Coordinated

Once you tighten up a house with spray foam, the original HVAC system typically ends up being large. That may sound like an advantage, 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 indicates less wetness elimination and more wear on compressors and blowers.
- Create unequal temperature levels, since the thermostat satisfies quickly without enabling air to mix thoroughly.
- Increase indoor humidity on moderate, wet 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 task, an excellent professional will run new Manual J load calculations, look at your ductwork, and check static pressures. Sometimes the service is a full system replacement. Other times, a staged compressor, variable speed blower, or zoning can help match capacity to the brand-new, tighter home.

I have seen cases where house owners spent cash on Spray Foam Insulation Conway SC, then kept an oversized, single stage 5 load system. Their costs went down rather, but comfort never completely enhanced. After resizing the system and changing airflow, your home finally felt as efficient as the foam investment recommended on paper.

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

Signs You Need 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 address standard HVAC Repair Conway SC issues before or alongside spray foam upgrades.

Here are useful warning signs that indicate a requirement for professional maintenance:

1. The system runs continuously but still can not keep up on peak hot or cold days.
2. You notification weak airflow from specific vents, or some rooms feel substantially hotter or colder than others.
3. There are new or worsening noises from the blower or outside system, particularly grinding, screeching, or loud rattles.
4. Your power costs leap dramatically from one season to the next, without an apparent modification in use or rates.
5. Ice kinds 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 justify a require HVAC repair near me before you invest heavily 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 Function of Professional HVAC Installation in a Spray Foam Home

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

Load estimations can not be uncertainty. The specialist must ask about your insulation levels, air sealing, window performance, and occupancy patterns. If they just match the old system ton for heap, or recommend bumping up "simply in case," they are disregarding the decreased heat gain and loss from effectively applied foam.

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

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

They measure, not guess. They use airflow readings, fixed pressure tests, and temperature divides rather of depending on rules of thumb.

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

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

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

What a Quality Spray Foam Job Looks Like in Conway

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

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

1. Detailed assessment of the attic, crawlspace, and wall assemblies, consisting of checking for existing moisture issues, roofing system leakages, and ventilation paths that will be changed.
2. Clear conversation about foam type, density, 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 area preparation, including cleaning, securing recessed components and mechanical elements, and establishing safe gain access to paths for future service.
4. Installation with consistent density, full coverage at joints and penetrations, and mindful cutting where foam might contact non-rated fixtures or obstruct service panels.
5. Post-installation walkthrough, including explaining brand-new attic or crawlspace conditions, resolving any required ventilation changes, and coordinating with HVAC adjustments.

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

I have 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 spaces can end up being condensation areas, mold threats, and persistent hot zones.

Managing Moisture and Ventilation in a Tight Home

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

A tighter shell changes where and how wetness gets in and leaves the structure. Rather of slipping in through fractures around can lights and attic hatches, outside air should get in through prepared paths, preferably filtered and conditioned.

For numerous Conway homes, this means 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 healing ventilator that stabilizes incoming and outbound air.

Proper bath and cooking area exhaust. Fans need to vent to the outside and be sized to in fact move enough air. In a tighter home, a weak or incorrectly ducted fan rapidly reveals its flaws.

Dehumidification strategies. In shoulder seasons when you are not cooling heavily, but outside 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 moisture control are integrated into the general strategy, a tight shell is a benefit, not a liability.

Energy Savings: What Conway Homeowners Reasonably See

Numbers differ widely, but it is possible to outline reasonable 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, adding Spray Foam Insulation Conway SC to the roofing deck and bringing ductwork into the conditioned area often cuts heating and cooling energy use by 20 to 35 percent. That is contingent on having fairly efficient equipment and good thermostat settings.

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



Payback times depend on energy rates, the starting condition of your home, and whether you are integrating work techhvac-foam.com [Spray Foam Insulation Conway SC](#) you currently needed (like a mandatory HVAC replacement) with insulation upgrades. For lots of Conway homeowners, spray foam plus thoughtful HVAC work spends for itself over a span of several years, particularly when you factor in convenience and minimized repair work risk.

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

Choosing the Right Specialists in Conway

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

Look for teams that comprehend both building science and regional code. Ask specific questions, such as:

How do you compute 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 spaces become conditioned or semi conditioned?

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

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

Finally, focus on how they discuss wetness. Professionals who operate in Horry County for any length of time respect humidity. If somebody dismisses it or frames spray foam as an easy "insulate and forget" service, they are glossing over a central part of our climate.

Practical Maintenance Habits After Upgrades

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

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

Keep an eye on indoor humidity. A simple hygrometer can inform you if levels regularly sneak above 60 percent. If they do, speak to 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 in a different way. Early service sees capture concerns like low air flow or inappropriate charge that may not have appeared before.

Inspect foam surfaces annual, particularly in attics and crawlspaces. You are trying to find signs of roof leakages, insect damage, or uncommon discoloration. Foam itself is steady, but your home around it continues to age and move.



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



Bringing It All Together for Conway Homes

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

Spray Foam Insulation Conway SC can change a drafty, irregular home into a tight, foreseeable structure that is easier to heat and cool. Professional HVAC Repair Conway SC, in addition to cautious HVAC Installation Conway SC choices, guarantees the devices serving that structure is effectively sized, tuned, and durable.

When those components are collaborated, homeowners see lower costs, quieter operation, more even convenience, and fewer emergency 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 designed and maintained 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

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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 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.