

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 method of approaching on you. Summertime humidity awaits the air, winter season nights are damp and chilly, and lots of Conway homes were not originally 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 daytime around roof penetrations. In those homes, the air conditioning system might be brand brand-new and still battle all afternoon.

Real effectiveness in Conway originates from treating your home as a linked system. Insulation and HVAC are not separate projects. They impact each other directly. Spray foam changes the way a building acts. HVAC repair and maintenance respond to that behavior. When both are done professionally and thoughtfully, the payoff appears in comfort, power expenses, and system longevity.

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

How Coastal Carolina Climate Penalizes Weak Insulation and HVAC

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

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

First, the air conditioning system runs long cycles just to get rid of wetness. In August, it is not uncommon to see 80 to 100 percent relative humidity outside for big 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 devices prevail in older HVAC Installation Conway SC projects, often because the manual load calculations were skipped or the installer desired a "safe margin." On a dripping, inadequately insulated home, that oversizing appears to make good sense on paper, however it results in quick blasts of cold air, inadequate dehumidification, and wide temperature swings.

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

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

What Spray Foam Actually Changes Inside a Conway Home

Many property owners consider Spray Foam Insulation Conway SC as just "much better insulation." It is more precise 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 motion. Spray foam does both. Closed cell foam, in particular, can serve as insulation, air barrier, and in some assemblies, even a vapor retarder.

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

1. Reduce uncontrolled air leak between attic, crawlspace, and living areas.
2. Stabilize indoor temperatures space 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 carry out well.

I as soon as dealt with a house owner 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 roofing system deck and tightening up the attic, the load estimation justified a 3 load variable speed replacement. Their peak summertime bills come by around a third, and they lastly stopped fighting that sticky, clammy feeling 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 items. Each has strengths and trade-offs.

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

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

In practice, I see a great deal of homes utilize 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 listed below. The ideal mix depends on the house, the assemblies, and local code requirements.

If a contractor proposes spray foam without going over open vs closed cell, drying courses, and how the existing structure deals with wetness, that is a warning. The Conway environment needs attention to humidity and drying, not just R values.

Why HVAC Service and Spray Foam Need To Be Coordinated

Once you tighten a home with spray foam, the original HVAC system often becomes large. That might seem like an advantage, 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 implies less wetness elimination and more wear on compressors and blowers.
- Create uneven temperature levels, since the thermostat satisfies quickly without allowing air to mix thoroughly.
- Increase indoor humidity on moderate, wet days, when the temperature level requirement is little but the wetness load is high.

Professional HVAC Service Conway SC that comprehends structure science will resolve this directly. Before or right after a spray foam project, a great contractor will run new Manual J load computations, take a look at your ductwork, and examine fixed pressures. In some cases the solution is a full system replacement. Other times, a staged compressor, variable speed blower, or zoning can assist match capability to the brand-new, tighter home.

I have actually seen cases where house owners spent money on Spray Foam Insulation Conway SC, then kept a large, single phase 5 heap system. Their costs went down rather, however comfort never totally improved. After resizing the system and changing air flow, your home lastly felt as effective as the foam financial investment recommended on paper.

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

Signs You Need HVAC Repair Near Me Before You Insulate

If your HVAC system is currently limping, sealing the house can accentuate its issues. It is frequently smarter to attend to standard HVAC Repair Conway SC problems before or along with spray foam upgrades.

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

1. The system runs constantly however still can not keep up on peak hot or cold days.
2. You notice weak airflow from particular vents, or some rooms feel significantly hotter or chillier than others.
3. There are new or worsening sounds from the blower or outdoor system, especially grinding, squealing, or loud rattles.
4. Your power costs jump greatly from one season to the next, without an obvious 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 symptoms justify a require 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 brand-new system, HVAC Installation Conway SC ends up being a lot more critical if you have or plan to have spray foam.

Load estimations can not be uncertainty. The contractor must inquire about your insulation levels, air sealing, window performance, and tenancy patterns. If they merely match the old system load for heap, or suggest bumping up "just in case," they are overlooking the decreased heat gain and loss from properly used foam.

Duct design also alters in a spray foam home. Many Conway house owners choose to bring ductwork into a conditioned attic. This can be a big advantage, however just if the ducts are sized correctly and sealed well. A securely lathered 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 practices that set them apart:

They step, not think. They utilize air flow readings, static pressure tests, and temperature level splits rather of counting on guidelines of thumb.

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

If your contractor never ever mentions ventilation choices, such as energy healing ventilators or well balanced fresh air techniques, that is another warning when you devote to tightening up the shell with foam.

What a Quality Spray Foam Task Appears Like in Conway

Not every spray foam job is created equivalent. Foam can be a great upgrade, or a source of headaches, depending on the installation details.

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

1. Detailed examination of the attic, crawlspace, and wall assemblies, including checking for existing wetness issues, roof leakages, and ventilation courses that will be changed.
2. Clear discussion about foam type, density, target R values, 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, safeguarding recessed fixtures and mechanical components, and establishing safe access courses for future service.
4. Installation with constant thickness, full protection at joints and penetrations, and mindful trimming where foam may get in touch with non-rated fixtures or block service panels.
5. Post-installation walkthrough, including describing new attic or crawlspace conditions, resolving any required ventilation modifications, 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 spaces, thin spots, or unexpected moisture traps.

I have actually crawled through attics where foam coverage ranged from 2 inches in one area to bare wood just a few feet away. In an environment as damp as Conway, those gaps can become condensation areas, mold risks, and consistent hot zones.

Managing Moisture and Ventilation in a Tight Home

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

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

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





Mechanical ventilation. This can be as easy as a timed, managed fresh air intake connected into the HVAC, or as sophisticated as an energy heating ventilator that stabilizes incoming and outgoing air.

Proper bath and kitchen exhaust. Fans need to vent to the outdoors and be sized to actually move enough air. In a tighter home, a weak or incorrectly ducted fan rapidly shows 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 incorporated into the overall plan, a tight shell is an advantage, not a liability.

Energy Savings: What Conway Homeowners Realistically See

Numbers vary extensively, but it is possible to outline realistic expectations for a normal 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 roof 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 reasonably effective equipment and decent thermostat settings.

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

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

Those energy cost savings are not simply theory. They are visible in bills and in the behavior of the system. Much shorter, more constant run times, steadier indoor temperatures, and fewer emergency situation requires HVAC Repair Conway SC are everyday indications that the envelope and equipment are finally playing on the same team.

Choosing the Right Professionals in Conway

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

Look for crews that comprehend both structure science [Spray Foam Insulation Conway SC](#) and local code. Ask specific concerns, such as:

How do you compute 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 become conditioned or semi conditioned?

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

For HVAC providers, press them on screening. Do they carry out static pressure measurements, duct leak testing, or combustion safety 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, focus on how they speak about moisture. Specialists who operate in Horry County for any length of time regard humidity. If someone dismisses it or frames spray foam as a basic "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 couple of routines protect your investment and keep the system efficient.

Change filters on schedule, and utilize quality media that match the system style. Extremely limiting filters set up in a system not developed for them raise static pressure and can reverse performance gains.

Keep an eye on indoor humidity. A simple hygrometer can tell you if levels consistently creep above 60 percent. If they do, speak to your HVAC provider 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 gos to capture problems like low airflow or incorrect charge that may not have appeared before.

Inspect foam surfaces yearly, specifically in attics and crawlspaces. You are looking for indications of roofing system leakages, bug damage, or unusual discoloration. Foam itself is stable, but your house around it continues to age and move.

These habits cost far less than a major repair work 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 originates from aligning the building shell, the mechanical systems, and the moisture control technique 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, together with cautious HVAC Installation Conway SC choices, makes sure the devices serving that structure is appropriately sized, tuned, and durable.

When those aspects are collaborated, property owners 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 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

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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](#)

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.