

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 creeping up on you. Summertime humidity awaits the air, winter season nights perspire and cold, and many Conway homes were not originally built with high performance in mind. I have walked into attics in Horry County where the ductwork sweated like a cold glass of tea, and where you could literally see daylight around roofing penetrations. In those homes, the air conditioning unit might be brand new and still battle all afternoon.

Real effectiveness in Conway comes from treating your house as a connected system. Insulation and HVAC are not separate tasks. They impact each other straight. Spray foam changes the way a building acts. HVAC repair and maintenance react to that behavior. When both are done professionally and attentively, the reward appears in convenience, power costs, and system longevity.

This is especially true here, where hot, wet summertimes and mild, moist winter seasons expose weak points in both insulation and HVAC design.

How Coastal Carolina Environment Penalizes Weak Insulation and HVAC

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

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

First, the a/c unit runs long cycles just to get rid of moisture. In August, it is not unusual to see 80 to one hundred 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 brief cycles on milder days. Large equipment prevails in older HVAC Installation Conway SC projects, frequently due to the fact that the manual load computations were skipped or the installer desired a "safe margin." On a leaky, improperly insulated home, that oversizing seems to make good sense on paper, however it results in quick blasts of cold air, inadequate dehumidification, and wide temperature swings.

Third, energy costs surge. I often see older Conway homes with summertime power expenses 25 to 40 percent higher than necessary, purely because of weak insulation and air sealing combined with a mismatched HVAC system.

Once spray foam insulation and appropriately sized HVAC collaborate, the entire vibrant shifts.

What Spray Foam In fact Modifications Inside a Conway Home

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

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

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

1. Reduce unchecked air leak 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, more efficient HVAC systems to carry out well.

I once dealt with a property owner off Highway 905 who had a 2,100 square foot home with a vented, leaking attic and a worn out 4 ton system. After applying spray foam to the roofing system deck and tightening the attic, the load calculation validated a 3 heap variable speed replacement. Their peak summer season costs dropped by around a 3rd, and they lastly stopped combating 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 use both open cell and closed cell products. Each has strengths and trade-offs.

Open cell is lighter, more vapor permeable, and typically used in roofing system decks and walls where drying potential is important. It does an excellent 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 far more rigid, and provides better wetness resistance. In some coastal applications, especially low crawlspaces, band joists, or areas vulnerable to wind driven rain, closed cell often makes more sense.

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

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

Why HVAC Service and Spray Foam Must Be Coordinated

Once you tighten a home with spray foam, the initial HVAC system often becomes oversized. That might seem like an advantage, however for convenience and indoor air quality, it generally is not.

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

- Short cycle, which implies less wetness removal and more wear on compressors and blowers.
- Create irregular temperature levels, because the thermostat satisfies quickly without enabling air to blend thoroughly.
- Increase indoor humidity on moderate, wet days, when the temperature need is little but the wetness load is high.

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



I have actually seen cases where homeowners spent money on Spray Foam Insulation Conway SC, then kept an extra-large, single phase 5 heap system. Their expenses decreased rather, but comfort never ever completely enhanced. After resizing the system and changing air flow, the house finally felt as efficient as the foam financial investment suggested on paper.

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

Signs You Required HVAC Repair Near Me Before You Insulate

If your HVAC system is already limping, sealing your house can highlight its problems. It is often smarter to resolve standard HVAC Repair Conway SC problems before or along with spray foam upgrades.

Here are practical indication 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 particular vents, or some spaces feel substantially hotter or colder than others.

3. There are new or getting worse noises from the blower or outside unit, especially grinding, squealing, or loud rattles.
4. Your power bills jump greatly from one season to the next, without an apparent modification in usage 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 validate a call for 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 real 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 ends up being even more vital if you have or plan to have spray foam.



Load calculations can not be guesswork. The professional needs to ask about your insulation levels, air sealing, window performance, and occupancy patterns. If they merely match the old system ton for ton, or suggest

techvac-foam.com Spray Foam Insulation Conway SC bumping up "just in case," they are overlooking the minimized heat gain and loss from correctly used foam.

Duct design likewise changes in a spray foam home. Lots of Conway homeowners select to bring ductwork into a conditioned attic. This can be a huge advantage, but just if the ducts are sized correctly and sealed well. A firmly lathered attic that still has leaking, badly well balanced ducts will feel like a cars with flat tires.

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

They measure, not think. They use airflow readings, fixed pressure tests, and temperature splits rather of depending on guidelines of thumb.



They talk about humidity control. They discuss how the system will manage hidden load in shoulder seasons when outdoors temperature levels are moderate, but humidity is still brutal.

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

If your professional never ever points out ventilation alternatives, such as energy healing ventilators or balanced fresh air strategies, that is another warning as soon as you commit to tightening the shell with foam.

What a Quality Spray Foam Task Appears Like in Conway

Not every spray foam job is created equal. Foam can be a wonderful upgrade, or a source of headaches, depending upon the setup details.

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

1. Detailed evaluation of the attic, crawlspace, and wall assemblies, consisting of looking for existing moisture problems, roofing leaks, and ventilation paths that will be changed.
2. Clear discussion about foam type, thickness, target R worths, and how existing insulation (like fiberglass batts) will be gotten rid of or left in location as part of the design.
3. Proper surface preparation, consisting of cleansing, safeguarding recessed fixtures and mechanical elements, and establishing safe access paths for future service.
4. Installation with constant density, complete coverage at joints and penetrations, and cautious trimming where foam might call non-rated fixtures or obstruct service panels.
5. Post-installation walkthrough, consisting of discussing brand-new attic or crawlspace conditions, resolving any essential ventilation modifications, and collaborating with HVAC adjustments.

When that process is followed, Spray Foam Insulation Conway SC provides the performance it guarantees. When corners are cut, you may see spaces, thin spots, or unexpected wetness traps.

I have actually crawled through attics where foam protection ranged from 2 inches in one area to bare wood just a couple of feet away. In a climate as damp as Conway, those spaces can become condensation spots, mold threats, and relentless hot zones.

Managing Wetness and Ventilation in a Tight Home

One of the most typical mistaken beliefs I hear is that "spray foam makes the house too tight." A house can definitely be built or retrofitted to be too tight for natural ventilation, however that is not an issue with insulation. It is a problem with the absence of deliberate ventilation.

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

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

Mechanical ventilation. This can be as basic as a timed, controlled fresh air intake connected into the HVAC, or as sophisticated as an energy recovery ventilator that balances incoming and outbound air.

Proper bath and cooking area exhaust. Fans require to vent to the outside and be sized to in fact move enough air. In a tighter house, a weak or poorly ducted fan rapidly shows its flaws.

Dehumidification strategies. In shoulder seasons when you are not cooling heavily, however 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 moisture control are integrated into the total plan, a tight shell is an advantage, not a liability.

Energy Savings: What Conway Homeowners Reasonably See

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

On existing homes with leaky attics and minimal air sealing, including Spray Foam Insulation Conway SC to the roofing system deck and bringing ductwork into the conditioned area frequently cuts heating and cooling energy usage by 20 to 35 percent. That is contingent on having fairly effective devices and good thermostat settings.

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

Payback times depend upon energy rates, the beginning condition of your house, and whether you are combining work you currently required (like an obligatory HVAC replacement) with insulation upgrades. For numerous Conway homeowners, spray foam plus thoughtful HVAC work spends for itself over a period of a number of years, specifically when you consider comfort and reduced repair risk.

Those energy savings are not simply theory. They show up in costs and in the habits of the system. Much shorter, more constant run times, steadier indoor temperature levels, and fewer emergency calls for HVAC Repair Conway SC are everyday indications that the envelope and devices are lastly playing on the same team.

Choosing the Right Contractors in Conway

The success of any performance 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. Sorting 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 compute the heating and cooling load once spray foam is installed?

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

How will you secure existing circuitry, can lights, and mechanical devices throughout spraying?

For HVAC providers, press them on screening. Do they perform static pressure measurements, duct leak testing, or combustion safety checks for gas home appliances? A yes, together 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 wetness. Professionals who work in Horry County for any length of time regard humidity. If somebody dismisses it or frames spray foam as a simple "insulate and forget" service, 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 practices secure your financial investment and keep the system efficient.

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

Keep an eye on indoor humidity. A basic hygrometer can tell you if levels consistently sneak above 60 percent. If they do, speak to your HVAC provider about dehumidification strategies.

Schedule regular 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 sees capture problems like low airflow or

inappropriate charge that might not have appeared before.

Inspect foam surface areas yearly, especially in attics and crawlspaces. You are searching for indications of roofing leaks, pest damage, or unusual discoloration. Foam itself is stable, however the house around it continues to age and move.

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

Bringing Everything Together for Conway Homes

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

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

When those components are collaborated, property owners see lower bills, quieter operation, more even comfort, and fewer emergency look 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 created 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

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

Tech Service Heating Cooling and Spray Foam supports commercial buildings

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

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

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.