

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 way of approaching on you. Summer humidity awaits the air, winter nights perspire and chilly, and lots of Conway homes were not originally built 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 actually see daytime around roofing system penetrations. In those homes, the air conditioner might be brand name brand-new and still battle all afternoon.

Real efficiency in Conway comes from dealing with the house as a linked system. Insulation and HVAC are not different tasks. They affect each other straight. Spray foam changes the way a structure behaves. HVAC repair and maintenance react to that behavior. When both are done expertly and attentively, the payoff appears in comfort, power costs, and system longevity.

This is particularly true here, where hot, wet summertimes and mild, techhvac-foam.com HVAC Repair Conway SC wet winter seasons expose weaknesses in both insulation and HVAC design.

How Coastal Carolina Climate Punishes Weak Insulation and HVAC

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

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

First, the ac system runs long cycles merely to eliminate moisture. In August, it is not unusual to see 80 to one hundred percent relative humidity outside for large parts of the day. If your home leaks, that wetness rides in with every draft and every duct leak.

Second, the system brief cycles on milder days. Oversized devices is common in older HVAC Installation Conway SC tasks, frequently because the manual load calculations were skipped or the installer desired a "safe margin." On a leaking, inadequately insulated home, that oversizing seems to make sense on paper, but it leads to fast blasts of cold air, inadequate dehumidification, and large temperature level swings.

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

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

What Spray Foam Really Changes Inside a Conway Home

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

Traditional fiberglass or cellulose primarily slows heat transfer. They do not reliably stop air movement. Spray foam does both. Closed cell foam, in specific, 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 unchecked air leakage in between attic, crawlspace, and living areas.

2. Stabilize indoor temperatures room to room.
3. Lower hidden 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 perform well.

I as soon as worked with a house owner off Highway 905 who had a 2,100 square foot house with a vented, leaky attic and an exhausted 4 lot system. After applying spray foam to the roofing system deck and tightening the attic, the load estimation justified a 3 heap variable speed replacement. Their peak summertime expenses dropped by around a 3rd, and they lastly stopped battling that sticky, clammy sensation in the evenings.

Those results are not automatic. The information 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 frequently utilized in roofing system decks and walls where drying capacity is very important. It does a great job at air sealing and sound control, and it tends to be more cost reliable per inch.

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

In practice, I see a great deal of homes utilize open cell in roofing decks to develop an unvented conditioned attic, and closed cell in crawlspaces and rim joists to stop humidity and air seepage from listed below. The right mix depends on the house, the assemblies, and regional code requirements.

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

Why HVAC Service and Spray Foam Should Be Coordinated

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

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

- Short cycle, which implies less wetness elimination and more wear on compressors and blowers.
- Create unequal temperatures, due to the fact that the thermostat pleases rapidly without allowing air to blend thoroughly.
- Increase indoor humidity on moderate, damp 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 straight. Before or right after a spray foam project, an excellent professional will run new Manual J load estimations, take a look at your ductwork, and check fixed pressures. Sometimes the service is a full system replacement. Other times, a staged compressor, variable speed blower, or zoning can help match capability 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 went down rather, but comfort never ever fully enhanced. After resizing the system and changing air flow, your home finally felt as efficient as the foam financial investment suggested on paper.

Coordination is the secret. 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 hopping, sealing your home can emphasize its issues. It is frequently smarter to deal with fundamental HVAC Repair Conway SC problems before or together with spray foam upgrades.

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



1. The system runs continuously but still can not keep up on peak hot or cold days.
2. You notice weak airflow from specific vents, or some rooms feel substantially hotter or chillier than others.
3. There are new or aggravating sounds from the blower or outside system, specifically grinding, screeching, or loud rattles.
4. Your power costs jump sharply from one season to the next, without an apparent change in usage or rates.
5. Ice forms on the refrigerant lines, or you see water around the indoor air handler that is not simply 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 responds better to the enhanced 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 ends up being much more vital if you have or prepare to have spray foam.

Load estimations can not be uncertainty. The specialist should ask about your insulation levels, air sealing, window performance, and tenancy patterns. If they merely match the old system load for heap, or recommend bumping up "simply in case," they are disregarding the reduced heat gain and loss from appropriately used foam.

Duct style also alters in a spray foam home. Numerous Conway homeowners select to bring ductwork into a conditioned attic. This can be a big advantage, but only if the ducts are sized properly and sealed well. A tightly lathered attic that still has dripping, badly well balanced ducts will seem like a cars with flat tires.

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

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

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

They communicate plainly about filters, maintenance, and ventilation. A tighter home requirements intentional fresh air methods, not just accidental leakage.

If your contractor never mentions ventilation options, such as energy recovery ventilators or well balanced fresh air methods, that is another red flag as soon as you dedicate to tightening 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 great upgrade, or a source of headaches, depending on the setup details.

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

1. Detailed evaluation of the attic, crawlspace, and wall assemblies, including checking for existing wetness concerns, roof leaks, and ventilation paths that will be changed.
2. Clear conversation about foam type, density, target R worths, and how current insulation (like fiberglass batts) will be eliminated or left in location as part of the design.
3. Proper surface preparation, including cleaning, securing recessed fixtures and mechanical components, and developing safe gain access to courses for future service.
4. Installation with constant density, full coverage at joints and penetrations, and mindful cutting where foam might get in touch with non-rated components or block service panels.
5. Post-installation walkthrough, including discussing new attic or crawlspace conditions, resolving any needed ventilation changes, and coordinating with HVAC adjustments.

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

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

Managing Wetness 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 modifications where and how moisture enters and leaves the building. Instead of slipping in through cracks around can lights and attic hatches, outside air ought to get in through planned pathways, preferably filtered and conditioned.

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

Mechanical ventilation. This can be as basic as a timed, managed fresh air consumption connected into the HVAC, or as advanced as an energy healing ventilator that balances incoming and outgoing air.

Proper bath and kitchen 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 shows its flaws.

Dehumidification techniques. In shoulder seasons when you are not cooling heavily, however 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 overall plan, a tight shell is a benefit, not a liability.

Energy Cost savings: What Conway Homeowners Realistically See

Numbers differ extensively, but it is possible to outline realistic expectations for a typical wood framed Conway home of, state, 1,800 to 2,400 square feet.

On existing homes with leaky attics and minimal air sealing, adding Spray Foam Insulation Conway SC to the roofing deck and bringing ductwork into the conditioned space typically cuts heating and cooling energy usage by 20 to 35 percent. That is contingent on having reasonably effective devices and decent thermostat settings.

If that foam upgrade is paired with a right-sized, contemporary HVAC Installation Conway SC job, particularly one that utilizes variable speed air handlers and good humidity control, overall reductions in HVAC-related energy usage can push into the 30 to 45 percent range compared to an old, dripping, single phase setup.

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

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

Choosing the Right Contractors in Conway

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

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

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

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

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

For HVAC service providers, press them on screening. Do they perform static pressure measurements, duct leak screening, or combustion safety checks for gas devices? A yes, together with clear explanations, is a strong signal that they approach HVAC Service Conway SC with a system mindset.

Finally, take note of how they discuss moisture. Professionals 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" 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 few habits protect your financial investment and keep the system efficient.

Change filters on schedule, and utilize quality media that match the system design. Extremely limiting filters set up 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 inform you if levels routinely sneak 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 act differently. Early service visits capture problems like low airflow or incorrect charge that might not have appeared before.

Inspect foam surface areas yearly, particularly in attics and crawlspaces. You are searching for signs of roof leakages, insect damage, or unusual staining. Foam itself is stable, however your house around it continues to age and move.

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

Bringing All of it 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 wetness control technique with the truth of our climate.

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

When those elements are coordinated, property owners see lower expenses, quieter operation, more even comfort, and fewer emergency look for HVAC repair near me throughout a heat wave. It is a system, and like any excellent 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

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

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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](#)

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