

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 season humidity hangs in the air, winter nights are damp and chilly, and lots of Conway homes were not initially built with high efficiency in mind. I have walked into attics in [Spray Foam Insulation Conway SC](#) 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 could be brand name brand-new and still struggle all afternoon.

Real performance in Conway comes from dealing with your home as a connected system. Insulation and HVAC are not different jobs. They affect each other straight. Spray foam alters the way a building behaves. HVAC repair and maintenance react to that behavior. When both are done expertly and thoughtfully, the payoff shows up in convenience, power costs, and system longevity.

This is particularly real here, where hot, wet summers and moderate, moist winters expose weak points in both insulation and HVAC design.

How Coastal Carolina Climate Punishes Weak Insulation and HVAC

Conway beings in a mixed-humid climate. That implies long cooling seasons with heavy humidity, plus a much shorter, however still substantial, heating season. The mix is difficult on both your structure envelope and your equipment.

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

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

Second, the system short cycles on milder days. Extra-large devices is common in older HVAC Installation Conway SC jobs, typically since the manual load estimations were avoided or the installer desired a "safe margin." On a leaking, improperly insulated home, that oversizing appears to make good sense on paper, but it leads to quick blasts of cold air, inadequate dehumidification, and broad temperature level swings.

Third, energy costs increase. I frequently see older Conway homes with summer season power bills 25 to 40 percent higher than necessary, simply since of weak insulation and air sealing combined with a mismatched HVAC system.

Once spray foam insulation and correctly sized HVAC interact, the whole vibrant shifts.

What Spray Foam In fact Changes Inside a Conway Home

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

Traditional fiberglass or cellulose primarily slows heat transfer. They do not reliably stop air movement. 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 unrestrained air leak in between attic, crawlspace, and living areas.
2. Stabilize indoor temperatures space to room.
3. Lower latent load on your a/c system by reducing humid outside air infiltration.
4. Help control condensation on ductwork and cold surfaces.
5. Allow smaller sized, more effective HVAC systems to carry out well.

I when dealt with a house owner off Highway 905 who had a 2,100 square foot home with a vented, leaky attic and a worn out 4 heap 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 bills come by around a third, and they lastly stopped battling that sticky, clammy sensation in the evenings.

Those results are not automatic. The details matter.

Open Cell vs Closed Cell Spray Foam in Conway

Contractors in Conway utilize both open cell and closed cell products. Each has strengths and trade-offs.

Open cell is lighter, more vapor permeable, and typically used in roof decks and walls where drying potential is 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 rigid, and offers 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 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 infiltration from listed below. The ideal mix depends upon your home, the assemblies, and regional code requirements.

If a contractor proposes spray foam without discussing open vs closed cell, drying paths, and how the existing structure manages moisture, that is a warning. The Conway environment needs 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 often ends up being large. That might seem like a good thing, however for comfort and indoor air quality, it generally is not.



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

- Short cycle, which indicates less wetness elimination and more wear on compressors and blowers.
- Create unequal temperature levels, because the thermostat satisfies quickly without enabling air to blend thoroughly.

- Increase indoor humidity on mild, damp days, when the temperature level need is little however 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 project, a good contractor will run brand-new Manual J load computations, look at your ductwork, and examine 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 seen cases where house owners spent cash on Spray Foam Insulation Conway SC, then kept an oversized, single stage 5 ton system. Their bills went down rather, however comfort never fully improved. After resizing the system and changing airflow, your house finally felt as effective as the foam financial investment recommended on paper.

Coordination is the secret. Deal with spray foam and HVAC as one task, even if the work happens in phases.

Signs You Required HVAC Repair Near Me Before You Insulate

If your HVAC system is currently limping, sealing your home can highlight its problems. It is frequently smarter to deal with basic HVAC Repair Conway SC issues before or alongside spray foam upgrades.

Here are useful indication that indicate a need for professional maintenance:

1. The system runs constantly however still can not keep up on peak hot or cold days.
2. You notice weak air flow from specific vents, or some spaces feel substantially hotter or chillier than others.
3. There are brand-new or getting worse noises from the blower or outdoor system, particularly grinding, screeching, or loud rattles.
4. Your power costs leap sharply from one season to the next, without an apparent modification 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 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 real 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 even more critical if you have or plan to have spray foam.

Load estimations can not be uncertainty. The professional needs to inquire about your insulation levels, air sealing, window performance, and tenancy patterns. If they merely match the old system lot for heap, or recommend bumping up "simply in case," they are neglecting the lowered heat gain and loss from effectively used foam.

Duct design also alters in a spray foam home. Numerous Conway property owners pick to bring ductwork into a conditioned attic. This can be a huge advantage, however only if the ducts are sized properly and sealed well. A securely lathered attic that still has dripping, inadequately balanced ducts will feel like a cars with flat tires.

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

They procedure, not think. They utilize air flow readings, static pressure tests, and temperature divides instead of counting on guidelines of thumb.

They speak about humidity control. They describe how the system will deal with hidden load in shoulder seasons when outside temperatures are moderate, however humidity is still brutal.

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

If your professional never discusses ventilation options, such as energy healing ventilators or balanced fresh air methods, that is another red flag as soon as you commit to tightening up the shell with foam.

What a Quality Spray Foam Task Looks Like in Conway

Not every spray foam job is developed equivalent. Foam can be a fantastic upgrade, or a source of headaches, depending on the setup details.

A solid, professional process in Conway typically follows these actions:

1. Detailed examination of the attic, crawlspace, and wall assemblies, including looking for existing moisture concerns, roofing system leakages, and ventilation paths that will be changed.
2. Clear discussion about foam type, density, 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 parts, and developing safe gain access to courses for future service.
4. Installation with consistent thickness, full coverage at joints and penetrations, and careful cutting where foam might get in touch with non-rated fixtures or block service panels.
5. Post-installation walkthrough, including describing brand-new attic or crawlspace conditions, dealing with any required ventilation changes, and collaborating with HVAC adjustments.

When that procedure is followed, Spray Foam Insulation Conway SC provides the performance 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 varied from 2 inches in one location to bare wood just a couple of feet away. In an environment as humid as Conway, those spaces can end up being condensation areas, mold risks, and consistent hot zones.

Managing Wetness and Ventilation in a Tight Home

One of the most common misunderstandings I hear is that "spray foam makes the house too tight." A home can definitely be built or retrofitted to be too tight for natural ventilation, however that is not a problem with insulation. It is a problem with the absence of intentional ventilation.

A tighter shell changes where and how moisture goes into and leaves the building. Instead of sneaking in through fractures around can lights and attic hatches, outdoor air needs to get in through planned paths, ideally filtered and conditioned.

For lots of Conway homes, this means 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 advanced as an energy recovery ventilator that balances incoming and outbound air.

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

Dehumidification techniques. In shoulder seasons when you are not cooling heavily, however outside 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 wetness control are integrated into the overall plan, a tight shell is an advantage, not a liability.

Energy Savings: What Conway Homeowners Realistically See

Numbers differ commonly, but it is possible to lay out practical expectations for a normal wood framed Conway home of, say, 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 system 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 effective equipment and decent thermostat settings.

If that foam upgrade is coupled with a right-sized, modern HVAC Installation Conway SC task, specifically one that uses variable speed air handlers and great humidity control, total reductions in HVAC-related energy use can push into the 30 to 45 percent range compared to an old, dripping, single phase setup.

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

Those energy savings are not simply theory. They show up in costs and in the habits of the system. Shorter, more consistent run times, steadier indoor temperature levels, and fewer emergency situation requires HVAC Repair Conway SC are everyday indications that the envelope and equipment are finally playing on the exact same team.

Choosing the Right Specialists in Conway

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

Look for crews that understand both building science and regional 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 areas become conditioned or semi conditioned?

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

For HVAC companies, press them on testing. Do they carry out static pressure measurements, duct leak testing, or combustion security look for gas home appliances? A yes, along with clear descriptions, is a strong signal that they approach HVAC Service Conway SC with a system mindset.

Finally, take notice of how they speak about wetness. Specialists who work in Horry County for any length of time regard humidity. If somebody dismisses it or frames spray foam as an easy "insulate and forget" option, they are

glossing over a central part of our climate.

Practical Maintenance Habits After Upgrades

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

Change filters on schedule, and use quality media that match the system style. Excessively restrictive filters set up in a system not developed for them raise fixed pressure and can undo efficiency gains.

Keep an eye on indoor humidity. A basic hygrometer can tell you if levels routinely 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 act differently. Early service visits capture issues like low airflow or incorrect charge that might not have appeared before.

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

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

Bringing It All Together for Conway Homes

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

Spray Foam Insulation Conway SC can transform a drafty, irregular home into a tight, foreseeable structure that is much easier to heat and cool. Professional HVAC Repair Conway SC, together with careful HVAC Installation Conway SC options, makes sure the devices serving that structure is appropriately sized, tuned, and durable.

When those elements are collaborated, house owners see lower costs, quieter operation, more even comfort, and less emergency situation look for HVAC repair near me during 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

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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

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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