

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 season nights perspire and chilly, and lots of Conway homes were not initially developed 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 daytime around roof penetrations. In those homes, the air conditioning unit might be brand new and still struggle all afternoon.

Real effectiveness in Conway originates from treating the house as a connected system. Insulation and HVAC are not different jobs. They impact each other straight. Spray foam changes the way a structure behaves. HVAC repair and maintenance respond to that habits. When both are done professionally and attentively, the benefit appears in comfort, power bills, and system longevity.

This is especially real here, where hot, damp summer seasons and mild, wet winter seasons expose weaknesses in both insulation and HVAC design.

How Coastal Carolina Environment Punishes Weak Insulation and HVAC

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

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

First, the air conditioning system runs long cycles merely 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 short cycles on milder days. Large equipment prevails in older HVAC Installation Conway SC projects, frequently since the manual load computations were skipped or the installer desired a "safe margin." On a leaking, improperly insulated home, that oversizing seems to make sense on paper, but it causes fast blasts of cold air, inadequate dehumidification, and large temperature level swings.

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

Once spray foam insulation and appropriately sized HVAC interact, the whole dynamic shifts.

What Spray Foam Really Changes Inside a Conway Home

Many homeowners consider Spray Foam Insulation Conway SC as just "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 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 installed properly in a Conway home, spray foam can:

1. Reduce unchecked air leakage in between attic, crawlspace, and living areas.
2. Stabilize indoor temperature levels room to room.
3. Lower latent load on your cooling system by decreasing damp outside air infiltration.
4. Help control condensation on ductwork and cold surfaces.
5. Allow smaller, more efficient HVAC systems to carry out well.

I as soon as worked with a homeowner off Highway 905 who had a 2,100 square foot house with a vented, dripping attic and a tired 4 ton system. After using spray foam to the roofing deck and tightening up the attic, the load computation justified a 3 heap variable speed replacement. Their peak summertime bills dropped by around a third, and they finally stopped fighting that sticky, clammy sensation in the evenings.

Those outcomes are not automatic. 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 often used in roofing decks and walls where drying capacity is necessary. 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 higher R value per inch, is a lot more stiff, and offers much better wetness resistance. In some coastal applications, techhvac-foam.com HVAC Installation Conway SC especially low crawlspaces, band joists, or areas susceptible 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 produce 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 the house, the assemblies, and local code requirements.

If a professional proposes spray foam without talking about open vs closed cell, drying paths, and how the existing structure manages moisture, that is a warning. The Conway environment demands attention to humidity and drying, not just R values.

Why HVAC Service and Spray Foam Should Be Coordinated

Once you tighten up a home with spray foam, the initial HVAC system often ends up being oversized. That might sound like an advantage, however 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 indicates less moisture removal and more wear on compressors and blowers.
- Create unequal temperature levels, since the thermostat satisfies rapidly without allowing air to blend 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 comprehends structure science will resolve this directly. Before or right after a spray foam task, a good contractor will run brand-new Manual J load estimations, take a look at your ductwork, and examine fixed pressures. Often the service is a full system replacement. Other times, a staged compressor, variable speed blower, or zoning can assist match capacity to the new, tighter home.

I have actually seen cases where house owners invested cash on Spray Foam Insulation Conway SC, then kept an extra-large, single stage 5 ton system. Their expenses went down rather, but convenience never totally enhanced. After resizing the system and changing air flow, your house lastly felt as efficient as the foam investment recommended on paper.

Coordination is the key. Deal with 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 currently limping, sealing your house can highlight its issues. It is typically smarter to attend to fundamental HVAC Repair Conway SC problems before or along with spray foam upgrades.

Here are practical warning signs that point to a need for professional maintenance:

1. The system runs continuously but still can not keep up on peak hot or cold days.
2. You notification weak air flow from specific vents, or some rooms feel significantly hotter or cooler than others.
3. There are brand-new or intensifying sounds from the blower or outside unit, especially grinding, squealing, or loud rattles.
4. Your power bills jump dramatically from one season to the next, without an obvious 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 signs validate a call for HVAC repair near me before you invest heavily in Spray Foam Insulation Conway SC. A healthy HVAC system responds much 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 crucial if you have or prepare to have spray foam.

Load estimations can not be guesswork. The contractor needs to ask about your insulation levels, air sealing, window performance, and tenancy patterns. If they simply match the old system lot for heap, or suggest bumping up "just in case," they are overlooking the decreased heat gain and loss from appropriately used foam.

Duct style also changes in a spray foam home. Many Conway homeowners pick to bring ductwork into a conditioned attic. This can be a big advantage, however only if the ducts are sized correctly and sealed well. A tightly lathered attic that still has leaky, inadequately balanced ducts will seem like a cars with flat tires.

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

They measure, not think. They utilize airflow readings, static pressure tests, and temperature level divides rather of counting on rules of thumb.

They discuss humidity control. They explain how the system will handle hidden load in shoulder seasons when outside temperature levels are moderate, however humidity is still brutal.

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

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

What a Quality Spray Foam Task Looks Like in Conway

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

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

1. Detailed assessment of the attic, crawlspace, and wall assemblies, consisting of checking for existing wetness problems, roofing system 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 location as part of the design.
3. Proper surface preparation, including cleaning, safeguarding recessed components and mechanical components, and developing safe access paths for future service.
4. Installation with constant thickness, complete protection at joints and penetrations, and cautious trimming where foam may contact non-rated components or obstruct service panels.
5. Post-installation walkthrough, consisting of discussing brand-new attic or crawlspace conditions, resolving any necessary 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 voids, thin spots, or unintentional moisture traps.

I have crawled through attics where foam protection varied from 2 inches in one area to bare wood just a couple of feet away. In an environment as humid as Conway, those gaps can become condensation areas, mold threats, and persistent hot zones.

Managing Wetness 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 an issue with insulation. It is an issue with the lack of deliberate ventilation.

A tighter shell modifications where and how wetness gets in and leaves the structure. Rather of slipping in through fractures around can lights and attic hatches, outside air ought to go into through prepared pathways, ideally filtered and conditioned.

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

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

Proper bath and kitchen exhaust. Fans need to vent to the outdoors and be sized to really move enough air. In a tighter house, a weak or improperly ducted fan quickly reveals 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 general strategy, a tight shell is a benefit, not a liability.

Energy Cost savings: What Conway Homeowners Reasonably See

Numbers differ widely, however it is possible to describe practical expectations for a normal wood framed Conway home of, say, 1,800 to 2,400 square feet.

On existing homes with leaking attics and very little 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 reasonably efficient devices 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, total reductions in HVAC-related energy use can press into the 30 to 45 percent variety compared to an old, dripping, single phase setup.

Payback times depend upon utility rates, the starting condition of your home, and whether you are integrating work you already required (like a mandatory HVAC replacement) with insulation upgrades. For lots of Conway property owners, spray foam plus thoughtful HVAC work spends for itself over a period of a number of years, especially when you consider convenience and reduced repair work risk.



Those energy cost savings are not simply theory. They are visible in bills and in the habits of the system. Shorter, more constant run times, steadier indoor temperatures, and less emergency situation calls for HVAC Repair Conway SC are everyday indications that the envelope and devices are lastly playing on the exact same team.

Choosing the Right Contractors in Conway

The success of any efficiency upgrade comes 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 structure science and local code. Ask particular concerns, such as:

How do you determine the heating and cooling load once 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 secure existing wiring, can lights, and mechanical devices during spraying?

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

Finally, take notice of how they speak about moisture. Specialists who work in Horry County for any length of time respect humidity. If somebody dismisses it or frames spray foam as a basic "insulate and forget" service, they are glossing over a main part of our climate.

Practical Maintenance Habits After Upgrades

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

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

Keep an eye on indoor humidity. A simple hygrometer can inform you if levels routinely creep above 60 percent. If they do, talk with your HVAC service 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 differently. Early service sees catch concerns like low air flow or inappropriate charge that may not have actually appeared before.

Inspect foam surfaces annual, especially in attics and crawlspaces. You are searching for signs of roof leakages, bug damage, or unusual staining. Foam itself is steady, however the house around it continues to age and move.

These habits cost far less than a significant 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 product. It comes from lining up the building shell, the mechanical systems, and the moisture control method with the truth of our climate.

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

When those aspects are coordinated, property owners see lower expenses, quieter operation, more even convenience, and less emergency situation searches 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 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

Tech Service Heating Cooling and Spray Foam upgrades insulation 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

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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](#)

Take a drive to [Crooked Oak Tavern](#). Crooked Oak Tavern showcases how Spray Foam Insulation and HVAC services improve indoor comfort while maintaining energy efficiency and Quality Workmanship.