

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 season humidity hangs in the air, winter season nights perspire and chilly, and lots of Conway homes were not initially built with high effectiveness in mind. I have walked into attics in Horry County where the ductwork sweated like a cold glass of tea, and where you might actually see daytime around roofing system penetrations. In those homes, the air conditioner might be brand name brand-new and still struggle all afternoon.

Real efficiency in Conway originates from treating your house as a connected system. Insulation and HVAC are not different projects. They impact each other directly. Spray foam alters the way a structure behaves. HVAC repair and maintenance react to that habits. When both are done expertly and thoughtfully, the reward shows up in comfort, power expenses, and system longevity.

This is particularly real here, where hot, wet summers and moderate, moist winter seasons expose weaknesses in both insulation and HVAC design.

How Coastal Carolina Climate Punishes Weak Insulation and HVAC

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

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

First, the air conditioning unit runs long cycles just 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 house leakages, that moisture rides in with every draft and every duct leak.

Second, the system short cycles on milder days. Oversized equipment prevails in older HVAC Installation Conway SC tasks, often due to the fact that the manual load estimations were avoided or the installer wanted a "safe margin." On a leaking, badly insulated home, that oversizing seems to make sense on paper, but it causes fast blasts of cold air, insufficient dehumidification, and wide temperature swings.

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

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

What Spray Foam In fact Changes Inside a Conway Home

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

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

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



1. Reduce unchecked air leakage between attic, crawlspace, and living areas.
2. Stabilize indoor temperatures room to room.
3. Lower hidden load on your cooling system by lowering damp outside air infiltration.
4. Help control condensation on ductwork and cold surfaces.
5. Allow smaller, more effective HVAC systems to perform well.

I as soon as dealt with a homeowner off Highway 905 who had a 2,100 square foot home with a vented, leaky attic and a tired 4 ton system. After using spray foam to the roofing deck and tightening up the attic, the load estimation validated a 3 lot variable speed replacement. Their peak summer costs come by around a third, and they lastly stopped combating that sticky, clammy feeling 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 items. Each has strengths and trade-offs.



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

Closed cell foam has a higher R worth per inch, is much more stiff, and uses much better wetness resistance. In some seaside applications, specifically low crawlspaces, band joists, or locations susceptible to wind driven rain, closed cell often makes more sense.

In practice, I see a lot of homes use open cell in roofing decks to develop an unvented conditioned attic, and closed cell in crawlspaces and rim joists to stop humidity and air infiltration from listed below. The best mix depends upon the house, the assemblies, and local code requirements.

If a contractor proposes spray foam without going over open vs closed cell, drying paths, and how the existing structure deals with moisture, that is a red flag. 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 a house with spray foam, the original HVAC system frequently ends up being extra-large. That may sound like a good idea, but for comfort and indoor air quality, it normally is not.



A system that is too large for the new, lower load will:

- Short cycle, which implies less moisture elimination and more wear on compressors and blowers.
- Create irregular temperature levels, due to the fact that the thermostat satisfies rapidly without enabling air to mix thoroughly.
- Increase indoor humidity on mild, damp days, when the temperature level need is small but the wetness load is high.

Professional HVAC Service Conway SC that understands structure science will resolve this directly. Before or right after a spray foam project, an excellent contractor will run brand-new Manual J load calculations, look at your ductwork, and inspect fixed pressures. In some cases the service is a complete 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 invested money on Spray Foam Insulation Conway SC, then kept an extra-large, single phase 5 load system. Their costs decreased rather, however comfort never fully improved.

After resizing the system and adjusting air flow, the house lastly felt as effective as the foam financial investment suggested on paper.

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

Signs You Need HVAC Repair Near Me Before You Insulate

If your HVAC system is already hopping, sealing your home can highlight its problems. It is typically smarter to resolve standard HVAC Repair Conway SC concerns before or together with spray foam upgrades.

Here are practical indication 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 significantly hotter or colder than others.
3. There are brand-new or worsening sounds from the blower or outside system, particularly grinding, screeching, or loud rattles.
4. Your power expenses jump greatly from one season to the next, without an obvious change in use or rates.
5. Ice types on the refrigerant lines, or you see water around the indoor air handler that is not simply 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 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 brand-new system, HVAC Installation Conway SC becomes a lot more important if you have or prepare to have spray foam.

Load computations can not be uncertainty. The specialist ought to ask about your insulation levels, air sealing, window performance, and tenancy patterns. If they merely match the old system lot for lot, or suggest bumping up "just in case," they are ignoring the minimized heat gain and loss from properly applied foam.

Duct style likewise changes in a spray foam home. Many Conway homeowners choose 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 tightly lathered attic that still has leaking, improperly well balanced ducts will feel like a sports car with flat tires.

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

They procedure, not think. They use airflow readings, fixed pressure tests, and temperature divides instead of counting on rules of thumb.

They discuss humidity control. They discuss how the system will manage hidden load in shoulder seasons when outside temperatures are moderate, however humidity is still brutal.

They communicate clearly about filters, maintenance, and ventilation. A tighter home needs deliberate fresh air techniques, not just accidental leakage.

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

What a Quality Spray Foam Task Looks Like in Conway

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

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

1. Detailed evaluation of the attic, crawlspace, and wall assemblies, consisting of checking for existing moisture issues, roofing leakages, and ventilation courses that will be changed.
2. Clear discussion about foam type, density, target R worths, and how current insulation (like fiberglass batts) will be eliminated or left in place as part of the design.
3. Proper surface area preparation, including cleaning, protecting recessed components and mechanical parts, and developing safe gain access to courses for future service.
4. Installation with consistent thickness, full protection at joints and penetrations, and mindful cutting where foam may get in touch with non-rated fixtures or block service panels.
5. Post-installation walkthrough, including discussing new attic or crawlspace conditions, addressing any necessary ventilation changes, and coordinating with HVAC adjustments.

When that process is followed, Spray Foam Insulation Conway SC delivers the efficiency it assures. When corners are cut, you may see voids, thin spots, or unintentional wetness traps.

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

Managing Wetness and Ventilation in a Tight Home

One of the most typical mistaken beliefs I hear is that "spray foam makes your house too tight." A home can definitely be developed or retrofitted to be too tight for natural ventilation, however 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 goes into and leaves the structure. Rather of slipping in through fractures around can lights and attic hatches, outside air should go into through prepared pathways, preferably filtered and conditioned.

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

Mechanical ventilation. This can be as easy as a timed, controlled fresh air consumption tied into the HVAC, or as advanced as an energy healing ventilator that balances incoming and outbound air.

Proper bath and kitchen area exhaust. Fans require to vent to the outdoors and be sized to really move enough air. In a tighter home, a weak or incorrectly ducted fan quickly 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 wetness control are integrated into the total plan, a tight shell is an advantage, not a liability.

Energy Savings: What Conway Homeowners Realistically See

Numbers differ commonly, however it is possible to lay out practical expectations for a typical wood framed Conway home of, say, 1,800 to 2,400 square feet.

On existing homes with dripping attics and minimal air sealing, adding Spray Foam Insulation Conway SC to the roofing deck and bringing ductwork into the conditioned space often cuts heating and cooling energy use by 20 to 35 percent. That is contingent on having fairly efficient equipment and good thermostat settings.

If that foam upgrade is paired with a right-sized, modern HVAC Installation Conway SC task, especially one that utilizes variable speed air handlers and great humidity control, overall decreases in HVAC-related energy usage can press into the 30 to 45 percent range compared to an old, dripping, single stage setup.

Payback times depend on utility rates, the beginning condition of your home, and whether you are integrating work you already needed (like a necessary HVAC replacement) with insulation upgrades. For lots of Conway homeowners, spray foam plus thoughtful HVAC work pays for itself over a period of a number of years, especially when you consider convenience and lowered repair risk.

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

Choosing the Right Specialists in Conway

The success of any effectiveness upgrade boils down to the people 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 comprehend both structure science and regional code. Ask particular questions, such as:

How do you determine 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 protect existing electrical wiring, can lights, and mechanical devices throughout spraying?

For HVAC service providers, press them on screening. Do they carry out fixed pressure measurements, duct leakage screening, or combustion security checks for gas home 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 respect humidity. If someone dismisses it or frames spray foam as a simple "insulate and forget" service, they are glossing over a central part of our climate.

Practical Maintenance Behaviors After Upgrades

Once you have tighter insulation and tuned HVAC, a couple of 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 installed in a system not designed for them raise fixed pressure and can undo performance gains.

Keep an eye on indoor humidity. A basic hygrometer can tell you if levels regularly creep above 60 percent. If they do, talk to your HVAC supplier 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 check outs capture problems like low airflow or

techhvac-foam.com HVAC repair near me inappropriate charge that might not have actually appeared before.

Inspect foam surfaces yearly, particularly in attics and crawlspaces. You are looking for indications of roofing leakages, insect 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 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 comes 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, inconsistent home into a tight, predictable structure that is much easier to heat and cool. Professional HVAC Repair Conway SC, in addition to careful HVAC Installation Conway SC options, ensures the devices serving that structure is effectively sized, tuned, and durable.

When those aspects are collaborated, homeowners see lower bills, quieter operation, more even convenience, 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 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](#)

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.