

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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Homes around Conway see a bit of whatever from the weather condition. Humid summers that linger into October, a couple of cold snaps in winter, and salt-tinged air that never ever quite goes away. I have actually strolled into lots of houses around Horry County where the thermostat was doing its finest, however the building itself was working against it: leaky attic, under-insulated crawlspace, and an HVAC system battling a losing battle.

The truth is basic but typically neglected. Your HVAC system and your insulation are part of the exact same comfort system. If one is weak, the other needs to work more difficult, cost more, and stop working sooner.

This is where the combination of quality spray foam insulation and a trustworthy HVAC service in Conway SC becomes effective. When the building shell is sealed and the system is sized and installed correctly, the reward shows up in 3 locations: your energy costs, your convenience, and how long the devices lasts.

Why sealing the home matters before upgrading HVAC

When someone calls trying to find HVAC repair near me, the first impulse is to focus on the unit outdoors or the air handler in the attic. Numerous techs never ever look past the equipment itself. From experience, that narrow focus is a mistake.

I remember a home off Highway 501, approximately 2,000 square feet, with a relatively new 3.5 ton heat pump. The owners grumbled that the house never cooled equally and the system never ever shut down in August. The system had a look at fine. Pressures were excellent, refrigerant charge was appropriate, and airflow numbers were not bad. The real issue was in the attic: patchwork fiberglass insulation, huge gaps around every penetration, and a leaky access hatch.

Once we air sealed and added spray foam insulation in the crucial areas, the same HVAC system all of a sudden had a reasonable shot. Run time dropped, the second flooring finally matched the very first floor, and the house owners began asking why their system was cycling off so much more often.

The equipment did not change. The load on the house did.

The structure envelope: your unnoticeable HVAC partner

Insulation, air sealing, and duct stability are the unsung heroes of convenience. They set the stage for how large your HVAC installation in Conway SC actually requires to be and how often that equipment needs to run.

Consider a normal older home around Conway:

- Vented attic with loose-fill or batt insulation, frequently unequal and compressed
- Leaky ductwork running through that hot attic
- Gaps at top plates, electrical penetrations, recessed lights, and around the attic hatch

That attic can hit 120 to 140 degrees on a sunny summer day. Every leak pulls that superheated air into the home or into the duct system. Your air conditioning unit is basically trying to cool a moving target.

Spray foam insulation alters the dynamics. Closed cell or open cell foam used to the roofing system deck and crucial air leakage points transforms that blistering attic into a semi-conditioned space. Temperatures moderate, ducts sit in a much gentler environment, and every BTU of cooling does more work where it counts.

Spray Foam Insulation Conway SC: what operate in this climate

Not all insulation behaves the exact same way in coastal South Carolina. We handle high humidity, strong sun, and regular swings between a/c and heating seasons. That mix punishes both improperly insulated homes and marginal HVAC systems.

How spray foam performs in practice

Properly installed spray foam insulation in Conway SC can deliver three important benefits.

1. Air sealing and thermal resistance in one layer

Foam abides by framing and sheathing, filling cracks and joints that other items miss out on. Instead of having one product for R-value and another for air sealing, you get both in a single pass.

2. Moisture behavior matched to our humidity

Open cell foam is vapor permeable and can allow assemblies to dry to the interior. Closed cell has a greater R-value per inch and acts as a vapor retarder. The option between them depends on roof design, existing products, and whether you have a history of roofing leakages or condensation. There is no one-size option. A professional who understands the local code and climate is crucial.

3. Quieter, more steady interiors

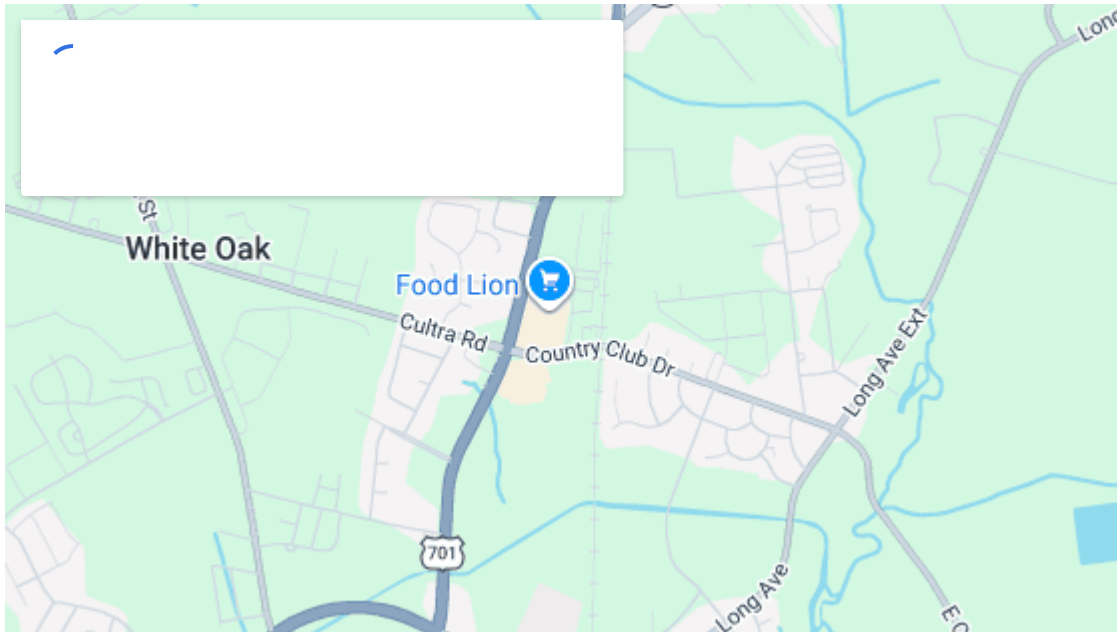
After a quality spray foam task, house owners often see how peaceful their home becomes. Street noise drops, wind-driven rattles vanish, and indoor temperature tends to change more slowly. That slower temperature swing implies the HVAC unit can cycle in a more regulated method instead of jerking on and off with every gust of hot air.

Where foam settles the most

I have seen foam utilized from crawlspace walls to roof decks, however some areas regularly provide much better returns in the Conway area.

Attic roofing deck

Spraying foam at the roofing line produces an unvented attic. This keeps ducts inside the thermal envelope, lowers attic temperatures drastically, and typically causes smaller sized tonnage requirements for brand-new HVAC installation Conway SC projects.



Band joists and crawlspace walls

For homes with crawlspaces, open or closed cell foam at the rim joist and along encapsulated crawlspace walls can block a great deal of wetness and air leakage. That can decrease musty smells, stabilize floors, and take a burden off the a/c throughout humid months.

Garage walls and perk rooms

Any area above or beside an unconditioned garage is infamous for being either freezing or suppressing. Foam in the separating walls and floorings transforms that space into something functional all year, and the main HVAC system will not be taken out of balance attempting to repair one issue room.



Right-size HVAC: preventing the "larger is much better" trap

Once the shell is improved, you have a chance to right-size the HVAC system. Oversizing is one of the most common problems I see in HVAC installation around Conway SC, specifically in homes that have actually just recently been tightened up.

The old rule of thumb of a heap per 500 or 600 square feet is unrefined at finest. It overlooks insulation levels, window quality, shading, occupancy, and infiltration. In a home that has been updated with spray foam, using that rule normally causes oversizing.

Here is what oversizing looks like in the field:

Short run times

The thermostat is pleased too quickly, so the system does not remain on long enough to pull moisture out of the air. The home feels cool however clammy, specifically during heavy humidity.

Uneven temperature levels and hot spots

Spaces at the end of runs never get enough time with cold or warm air, so they lag behind. The system turns off before the air has completely mixed.

Higher wear on equipment

Regular starts and stops are harder on motors and compressors than constant, moderate run time. That equates to much shorter devices life and more frequent HVAC repair in Conway SC over the years.

For a home with spray foam insulation Conway SC, a proper Manual J load estimation is not a high-end. It is a necessity. A great professional will inquire about recent insulation upgrades before pricing estimate a brand-new system, and will size the equipment based upon actual heat gain and loss, not on rough square video footage guesses.

What to get out of a premier HVAC service Conway SC

There are a lot of trucks with magnets that say "HVAC repair near me," however the quality of service differs drastically. A mindful property owner learns to acknowledge the habits of a solid contractor.

You can anticipate a top-tier HVAC service in Conway SC to do the following:

1. Start with diagnostics, not guesses

On a repair go to, they will measure static pressure, check air flow, verify refrigerant charge with superheat and subcooling, and check electrical parts. Replacing parts by trial and error generally ends with higher costs and repeat failures.

2. Look beyond the equipment

A seasoned tech will open a return plenum cover, examine duct insulation in the attic, and inquire about insulation or window upgrades. When spray foam insulation is present, they will take note of ventilation requirements, attic temperature levels, and any past humidity issues.

3. Document and interact clearly

You ought to see before and after numbers, photos when relevant, and a straightforward explanation of what failed and why. If every answer includes a costly replacement without numbers to back it up, you are not getting real diagnostics.

4. Offer options, not ultimatums

A trustworthy business explains the instant repair, the medium term alternative, and the long term strategy when proper. For example, they might fix a capacitor today, recommend duct sealing within 6 months, and discuss whether your older system deserves keeping for another season or two.

5. Respect the structure envelope

When there is spray foam or a sealed attic, cutting brand-new holes, venting combustion appliances, or adding exhaust fans without idea can create pressure problems. A pro comprehends how to keep the envelope undamaged and balanced.

HVAC repair versus replacement: how to think about the decision

Few house owners are thrilled to hear they may need a brand-new system. The option between HVAC repair Conway SC and a complete replacement ought to be grounded in [HVAC Repair Conway SC techhvac-foam.com](https://techhvac-foam.com) real numbers and context.

Age of the system

When a system passes 12 to 15 years, it moves into the zone where big repair work take on the cost of replacement. Compressors and heat exchangers are the big-ticket failures. If among those goes on an older system, replacement starts to look more attractive.

Efficiency gap

A twenty year old system might be performing at 8 to 10 SEER in genuine conditions. Brand-new devices, especially variable speed heat pumps, can push into the high teenagers or better. If your home now has upgraded insulation, the mix of lower load and greater efficiency frequently makes an engaging case for replacement.

Repair history

An occasional minor part replacement is typical. Regular blower motor failures, duplicated refrigerant leakages, and chronic control panel concerns point to systemic problems. Keep a record of repairs throughout several years. Seeing the pattern on paper helps you choose with a clear head rather than in the heat of the most recent breakdown.

Comfort complaints

If you still have hot and cold spaces after duct changes and envelope enhancements, or if humidity concerns persist despite reasonable run times, that may suggest the wrong type of system or a poor quality setup. Updating at that point is not just about efficiency. It is about getting the ideal tool for the job.

How spray foam and HVAC systems communicate over time

After spray foam insulation enters, the home behaves in a different way. Your HVAC system will reveal those modifications right away.

Lower run time, greater part-load operation

If you have a variable speed system, it will spend more time at lower output phases. That is in fact desirable. It allows much better dehumidification and more consistent temperatures.

Duct leakage ends up being more obvious

In a vented, leaking attic, a bit of duct leakage just disposes air into a space that is already hostile. As soon as the attic is insulated and semi-conditioned, leaky ducts might create unexpected convenience patterns, like one space overcooling and another undercooling. The leakages did not appear overnight. The better envelope merely made their effect more visible.

Ventilation questions

Tightening up the building makes mechanical ventilation more vital, specifically in newer building with tight windows and doors. A contractor who understands both HVAC installation Conway SC and building science may recommend an ERV or HRV, or at least controlled restroom and kitchen area exhaust methods. This keeps indoor air quality high while still profiting of a tight envelope.

Defrost cycles and winter behavior

On cold, moist early mornings, heatpump sometimes require to defrost. In a well insulated home, those defrost cycles are less obvious inside due to the fact that the rate of heat loss is lower. Even if the outside system pauses heating briefly, the indoor temperature level tends to stay steady.

A simple property owner checklist for year-round performance

Here is a short, useful list you can use to keep your combined insulation and HVAC investment working as intended.

1. Change or clean filters consistently

Dirty filters choke airflow, increase fixed pressure, and can freeze coils. With spray foam and a tight home, air flow balance matters even more.

2. Keep attic and crawlspace access sealed

If you have spray foam at the roofing system line or encapsulated crawlspace walls, do not leave gain access to panels unlatched or harmed. One loose hatch can compromise a lot of the air sealing gains.

3. Schedule annual HVAC service

Even high performance systems need regular evaluations for electrical connections, refrigerant charge, coil cleanliness, and drain. Point out any changes to your insulation or structure envelope given that the last visit.

4. Watch for wetness and smell changes

Since the home is tighter, wetness sources appear more clearly. Take note of musty smells, fogged windows, or damp areas. Addressing those early avoids both air quality concerns and pressure on the HVAC.

5. Track your energy use

After spray foam insulation Conway SC work or a brand-new HVAC installation, compare your electric costs year over year, adjusting mentally for big temperature differences. You need to see a meaningful decline in overall kWh, especially in peak summertime and winter.

When "HVAC repair near me" ought to consist of an insulation conversation

Many service calls begin the same way. Homeowner look for HVAC repair near me, a technician gets here, and everyone focuses on the outdoor condenser or heating system cabinet. The flip side is that many insulation salespeople focus only on R-values and rebates, and barely inquire about the equipment.

The homeowners who get the best results demand linking those dots.

If your home feels drafty, if the second floor is constantly hotter, or if your unit never ever seems to shut down, it deserves asking the HVAC specialist just how much of that is equipment and just how much is the structure shell. Similarly, when working with a business for spray foam insulation Conway SC jobs, ask how they collaborate with HVAC sizing and ventilation.

A few targeted questions can expose a lot:

- Do you run a load estimation after insulation changes before pricing estimate new HVAC devices?
- How do you make sure ventilation is adequate once the house is tighter?
- If ducts go through the attic, what is your technique when converting to an unvented roof with foam?

- Will my existing equipment size still be appropriate after the insulation upgrade?

Professionals who can respond to those concerns with specifics, not unclear assurances, are the ones who can help you really seal, save, and remain comfortable.

Bringing everything together for Conway homes

In this region, convenience and efficiency are a joint job between the structure envelope and the mechanical system. Quality spray foam insulation keeps the outdoor mayhem at bay. A well designed, properly maintained HVAC system then works within that calmer environment, instead of hammering out leakages and extreme attic temperatures.

A house owner in Conway who invests in both sides of that equation gets more than lower costs. You get quieter spaces, less temperature level swings, better air quality, and equipment that ages gracefully instead of burning itself out in half its possible lifespan.

If you approach HVAC service Conway SC and insulation upgrades as one coordinated strategy, you stop paying for mismatched fixes and start building a home that deals with the climate rather of against it. That is the real benefit of sealing, conserving, and staying comfortable for the long term.

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

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](#)

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.