

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.

[View on Google Maps](#)

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

Follow Us:

- TikTok: <https://www.tiktok.com/@tech.service.inc>

Explore this content with AI:

 [ChatGPT](#)  [Perplexity](#)  [Claude](#)  [Google AI Mode](#)  [Grok](#)

Homes around Conway see a bit of whatever from the weather. Humid summertimes that linger into October, a couple of cold snaps in winter season, and salt-tinged air that never ever rather goes away. I have actually strolled into a lot of homes around Horry County where the thermostat was doing its finest, but the structure itself was working against it: leaking attic, under-insulated crawlspace, and an HVAC system fighting a losing battle.

The reality is easy but typically neglected. Your HVAC system and your insulation belong to the very same comfort system. If one is weak, the other has to work more difficult, cost more, and fail sooner.

This is where the combination of quality spray foam insulation and a trustworthy HVAC service in Conway SC ends up being powerful. When the building shell is sealed and the system is sized and set up properly, the payoff shows up in three locations: your energy costs, your convenience, and the length of time the devices lasts.

Why sealing the home matters before updating HVAC

When somebody calls looking for HVAC repair near me, the very first impulse is to focus on the system outdoors or the air handler in the attic. Numerous techs never ever look past the devices itself. From experience, that narrow focus is a mistake.

I keep in mind a home off Highway 501, approximately 2,000 square feet, with a reasonably brand-new 3.5 ton heatpump. The owners complained that your house never cooled evenly and the system never shut off in August. The system took a look at fine. Pressures were excellent, refrigerant charge was appropriate, and air flow numbers were okay. The real issue was in the attic: patchwork fiberglass insulation, big gaps around every penetration, and a leaking access hatch.

Once we air sealed and added spray foam insulation in the essential locations, the very same HVAC system unexpectedly had a reasonable shot. Run time dropped, the 2nd floor finally matched the first floor, and the homeowners began asking why their unit was cycling off a lot more often.

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

The building envelope: your invisible HVAC partner

Insulation, air sealing, and duct integrity are the unsung heroes of comfort. They set the phase for how big your HVAC installation in Conway SC really requires to be and how often that equipment needs to run.

Consider a common older home around Conway:

- Vented attic with loose-fill or batt insulation, often uneven and compressed
- Leaky ductwork going 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 bright summertime day. Every leakage pulls that superheated air into the home or into the duct system. Your a/c is basically trying to cool a moving target.

Spray foam insulation changes the characteristics. Closed cell or open cell foam applied to the roofing deck and essential air leak points transforms that blistering attic into a semi-conditioned space. Temperatures moderate, ducts being in a much gentler environment, and every BTU of cooling does more work where it counts.

Spray Foam Insulation Conway SC: what works in this climate

Not all insulation behaves the very same method in coastal South Carolina. We deal with high humidity, strong sun, and regular swings between air conditioning and heating seasons. That combination punishes both inadequately insulated homes and marginal HVAC systems.

How spray foam performs in practice

Properly set up spray foam insulation in Conway SC can provide 3 crucial benefits.

1. Air sealing and thermal resistance in one layer

Foam follows framing and sheathing, filling fractures and seams that other products 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 habits suited 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 serves as a vapor retarder. The option between them depends on roofing system style, existing materials, and whether you have a history of roof leakages or condensation. There is no one-size service. A professional who understands the regional code and environment is crucial.

3. Quieter, more stable interiors

After a quality spray foam job, homeowners frequently observe how peaceful their home ends up being. Street noise drops, wind-driven rattles vanish, and indoor temperature tends to change more slowly. That slower temperature level swing indicates the HVAC unit can cycle in a more controlled method rather of jerking on and off with every gust of hot air.

Where foam pays off the most

I have actually seen foam utilized from crawlspace walls to roofing decks, but some areas regularly provide better returns in the Conway area.

Attic roof deck

Spraying foam at the roofing system line produces an unvented attic. This keeps ducts inside the thermal envelope, reduces attic temperatures dramatically, and often results in smaller 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 obstruct a lot of moisture and air leakage. That can minimize moldy odors, support floorings, and take a burden off the a/c unit throughout humid months.

Garage walls and bonus rooms

Any space above or next to an unconditioned garage is well-known for being either freezing or stifling. Foam in the separating walls and floors transforms that space into something usable all year, and the primary HVAC system will not be taken out of balance attempting to fix one problem room.

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

Once the shell is improved, you have an opportunity to right-size the HVAC system. Oversizing is among the most [HVAC Repair Conway SC](#) typical issues I see in HVAC installation around Conway SC, especially in homes that have actually recently been tightened up up.



The old guideline of a load per 500 or 600 square feet is unrefined at finest. It ignores insulation levels, window quality, shading, occupancy, and seepage. In a home that has actually been updated with spray foam, using that rule normally leads to oversizing.

Here is what oversizing appear like in the field:

Short run times

The thermostat is satisfied too quickly, so the system does not stay on enough time to pull wetness out of the air. The home feels cool but clammy, specifically throughout heavy humidity.

Uneven temperatures and hot spots

Rooms at the end of runs never ever get adequate time with cold or warm air, so they drag. The system shuts down before the air has actually totally mixed.

Higher wear on equipment



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

For a home with spray foam insulation Conway SC, an appropriate Manual J load estimation is not a luxury. It is a need. An excellent specialist will ask about recent insulation upgrades before pricing estimate a brand-new unit, and will size the equipment based on actual heat gain and loss, not on rough square video footage guesses.

What to anticipate from a top-rated HVAC service Conway SC

There are plenty of trucks with magnets that state "HVAC repair near me," but the quality of service varies significantly. A careful house owner finds out to acknowledge the practices of a strong contractor.

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

1. Start with diagnostics, not guesses

On a repair work visit, they will determine fixed pressure, check airflow, verify refrigerant charge with superheat and subcooling, and examine electrical elements. Changing parts by trial and error normally ends with higher costs and repeat failures.

2. Look beyond the equipment

A skilled tech will open a return plenum cover, examine duct insulation in the attic, and inquire about insulation or window upgrades. When spray foam insulation exists, they will pay attention to ventilation requirements, attic temperatures, and any previous humidity issues.

3. Document and communicate clearly

You need to see before and after numbers, pictures when pertinent, and a simple description of what stopped working and why. If every answer involves a pricey replacement without numbers to back it up, you are not getting real diagnostics.

4. Offer choices, not ultimatums

A credible company explains the instant repair, the medium term alternative, and the long term strategy when suitable. For example, they may repair a capacitor today, suggest duct sealing within 6 months, and discuss whether your older unit is worth keeping for another season or two.

5. Respect the building envelope

When there is spray foam or a sealed attic, cutting new holes, venting combustion appliances, or adding exhaust fans without idea can develop pressure problems. A professional understands how to keep the envelope intact and balanced.

HVAC repair work versus replacement: how to think about the decision

Few property owners are thrilled to hear they might require a brand-new system. The option between HVAC repair Conway SC and a complete replacement should be grounded in genuine numbers and context.

Age of the system

Once an unit passes 12 to 15 years, it moves into the zone where big repairs compete with 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 may be running at 8 to 10 SEER in real conditions. New devices, particularly variable speed heatpump, can press into the high teens or better. If your home now has actually upgraded insulation, the mix of lower load and greater performance typically makes an engaging case for replacement.

Repair history

A periodic small part replacement is regular. Regular blower motor failures, duplicated refrigerant leakages, and persistent control panel concerns point to systemic issues. Keep a record of repairs throughout several years. Seeing the pattern on paper helps you decide 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 adjustments and envelope enhancements, or if humidity issues continue in spite of sensible run times, that may indicate the incorrect type of system or a bad quality setup. Upgrading at that point is not practically effectiveness. It has to do with getting the best 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 best away.

Lower run time, higher 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 constant temperatures.

Duct leak ends up being more obvious

In a vented, leaking attic, a bit of duct leak merely disposes air into an area that is already hostile. As soon as the attic is insulated and semi-conditioned, dripping ducts may develop unexpected comfort patterns, like one space overcooling and another undercooling. The leaks did not appear over night. The much better envelope just made their effect more visible.

Ventilation questions

Tightening up the structure makes mechanical ventilation more vital, specifically in newer building and construction with tight doors and windows. A professional who comprehends both HVAC installation Conway SC and constructing science might recommend an ERV or HRV, or at least regulated restroom and kitchen area exhaust strategies. This keeps indoor air quality high while still reaping the benefits of a tight envelope.

Defrost cycles and winter behavior

On cold, damp mornings, heat pumps sometimes require to thaw. In a well insulated home, those defrost cycles are less noticeable inside due to the fact that the rate of heat loss is lower. Even if the outdoor unit pauses heating briefly, the indoor temperature tends to remain steady.

An easy homeowner list for year-round performance

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

1. Change or tidy filters consistently

Dirty filters choke air flow, increase static 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 roof 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 require routine evaluations for electrical connections, refrigerant charge, coil cleanliness, and drain. Mention any changes to your insulation or building envelope considering that the last visit.

4. Watch for moisture and smell changes

Since the home is tighter, moisture sources appear more plainly. Take notice of musty smells, fogged windows, or damp spots. Attending to those early avoids both air quality problems and strain on the HVAC.

5. Track your energy use

After spray foam insulation Conway SC work or a new HVAC installation, compare your electrical costs year over year, changing mentally for huge temperature differences. You ought to see a significant decline in total kWh, particularly in peak summer and winter.

When "HVAC repair near me" need to include an insulation conversation

Many service calls start the very same method. Homeowner searches for HVAC repair near me, a specialist gets here, and everybody concentrates on the outside condenser or heating system cabinet. The other hand is that numerous insulation salesmen focus only on R-values and refunds, and hardly inquire about the equipment.



The property owners who get the very best results insist on connecting those dots.

If your home feels drafty, if the 2nd flooring is constantly hotter, or if your unit never seems to shut off, it is worth asking the HVAC specialist how much of that is devices and how much is the building shell. Also, when employing a company for spray foam insulation Conway SC projects, ask how they collaborate with HVAC sizing and ventilation.

A few targeted questions can reveal a lot:

- Do you run a load computation after insulation modifications before quoting brand-new HVAC devices?
- How do you ensure ventilation is appropriate once your home is tighter?
- If ducts go through the attic, what is your method when converting to an unvented roofing system with foam?
- Will my existing devices size still be appropriate after the insulation upgrade?

Professionals who can respond to those questions with specifics, not vague guarantees, are the ones who can assist you really seal, save, and stay comfortable.

Bringing it all together for Conway homes

In this region, comfort and performance are a joint task between the structure envelope and the mechanical system. Quality spray foam insulation keeps the outside mayhem at bay. A well developed, effectively maintained HVAC system then works within that calmer environment, instead of fighting through leakages and severe attic temperatures.

A house owner in Conway who invests in both sides of that equation acquires more than lower expenses. You get quieter spaces, fewer temperature swings, much better air quality, and equipment that ages gracefully instead of burning itself out in half its potential lifespan.

If you approach HVAC service Conway SC and insulation upgrades as one collaborated technique, you stop spending for mismatched fixes and begin constructing a home that works with the climate rather of versus it. That is the real benefit of sealing, saving, and remaining comfy 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

Tech Service Heating Cooling and Spray Foam upgrades insulation systems

Tech Service Heating Cooling and Spray Foam handles cooling repairs

Tech Service Heating Cooling and Spray Foam manages heating installations

Tech Service Heating Cooling and Spray Foam delivers quality workmanship

Tech Service Heating Cooling and Spray Foam improves air quality

Tech Service Heating Cooling and Spray Foam insulates attic spaces

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](#)

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.