

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. Humid summers that linger into October, a few cold snaps in winter season, and salt-tinged air that never rather disappears. I have strolled into plenty of houses 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 battling a losing battle.

The fact is simple but often neglected. Your HVAC system and your insulation belong to the exact same convenience system. If one is weak, the other has to work harder, cost more, and stop working sooner.

This is where the combination of quality spray foam insulation and a reputable HVAC service in Conway SC becomes effective. When the building shell is sealed and the system is sized and set up properly, the benefit appears in three locations: your energy expense, your comfort, and how long the devices lasts.

Why sealing the home matters before updating HVAC

When somebody calls searching for HVAC repair near me, the first impulse is to focus on the unit outdoors or the air handler in the attic. Many techs never look past the equipment itself. From experience, that narrow focus is a mistake.

I remember a house off Highway 501, approximately 2,000 square feet, with a fairly brand-new 3.5 load heat pump. The owners complained that your house never cooled equally and the unit never shut down in August. The system had a look at fine. Pressures were great, refrigerant charge was proper, and air flow numbers were okay. The [Tech Service Heating/Cooling & Spray Foam HVAC Repair Conway SC](#) genuine problem remained in the attic: patchwork fiberglass insulation, huge spaces around every penetration, and a leaky gain access to hatch.

Once we air sealed and included spray foam insulation in the essential areas, the same HVAC system suddenly had a fair shot. Run time dropped, the second flooring finally matched the first floor, and the house owners started asking why their system was cycling off so much more often.

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

The building envelope: your invisible 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 needs to be and how often that device needs to run.

Consider a normal older home around Conway:

- Vented attic with loose-fill or batt insulation, typically uneven and compressed
- Leaky ductwork going through that hot attic
- Gaps at leading plates, electrical penetrations, recessed lights, and around the attic hatch

That attic can hit 120 to 140 degrees on a bright summer season day. Every leakage pulls that superheated air into the home or into the duct system. Your a/c unit is essentially trying to cool a moving target.

Spray foam insulation changes the dynamics. Closed cell or open cell foam used to the roofing system deck and essential air leak points converts that blistering attic into a semi-conditioned area. 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 works in this climate

Not all insulation behaves the same method in seaside South Carolina. We deal with high humidity, strong sun, and frequent swings between air conditioning and heating seasons. That mix penalizes both poorly insulated homes and minimal HVAC systems.

How spray foam performs in practice

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

1. Air sealing and thermal resistance in one layer

Foam follows framing and sheathing, filling fractures and joints that other products miss out on. Rather 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 enable assemblies to dry to the interior. Closed cell has a higher R-value per inch and serves as a vapor retarder. The option between them depends upon roofing design, existing materials, and whether you have a history of roof leakages or condensation. There is no one-size service. A professional who understands the local code and climate is crucial.

3. Quieter, more steady interiors

After a quality spray foam job, house owners typically notice how quiet their home becomes. Street sound drops, wind-driven rattles disappear, and indoor temperature level tends to alter more slowly. That slower temperature level swing implies the HVAC system can cycle in a more regulated method rather of jerking on and off with every gust of hot air.

Where foam settles the most

I have actually seen foam utilized from crawlspace walls to roof decks, but some places regularly deliver better returns in the Conway area.

Attic roof deck

Spraying foam at the roofing line produces an unvented attic. This keeps ducts inside the thermal envelope, minimizes attic temperatures significantly, and typically causes 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 block a lot of moisture and air leakage. That can minimize musty smells, stabilize floorings, and take a problem off the air conditioner during humid months.

Garage walls and benefit rooms

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

Right-size HVAC: avoiding the "bigger is better" trap

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

The old rule of thumb of a ton per 500 or 600 square feet is crude at finest. It overlooks insulation levels, window quality, shading, tenancy, and infiltration. In a home that has actually been upgraded with spray foam, utilizing that guideline normally causes oversizing.

Here is what oversizing appear like in the field:

Short run times

The thermostat is pleased too quickly, so the system does not remain 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

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

Higher wear on equipment

Regular starts and stops are harder on motors and compressors than constant, moderate run time. That translates 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 computation is not a high-end. It is a necessity. A great specialist will ask about recent insulation upgrades before pricing estimate a new unit, and will size the devices based upon actual heat gain and loss, not on rough square video footage guesses.

What to get out of a top-rated HVAC service Conway SC

There are a lot of trucks with magnets that say "HVAC repair near me," but the quality of service differs considerably. A careful property owner learns to recognize the routines of a solid 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 static pressure, check air flow, confirm refrigerant charge with superheat and subcooling, and examine electrical components. Replacing parts by experimentation usually ends with higher costs and repeat failures.

2. Look beyond the equipment

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

3. Document and communicate clearly

You need to see before and after numbers, pictures when relevant, and a straightforward explanation of what stopped working and why. If every answer includes a costly replacement without numbers to back it up, you are not getting genuine diagnostics.

4. Offer choices, not ultimatums

A trustworthy company describes the instant repair, the medium term option, and the long term plan when suitable. For example, they may repair a capacitor today, advise duct sealing within 6 months, and go over whether your older system deserves 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 including exhaust fans without thought can produce pressure issues. A pro understands how to keep the envelope undamaged and balanced.

HVAC repair versus replacement: how to think of the decision

Few homeowners are thrilled to hear they may require a new system. The option in between HVAC repair Conway SC and a complete replacement must be grounded in real numbers and context.

Age of the system

When an unit passes 12 to 15 years, it moves into the zone where large repair work 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 might be performing at 8 to 10 SEER in genuine conditions. Brand-new devices, particularly variable speed heatpump, can push into the high teens or better. If your home now has upgraded insulation, the mix of lower load and greater effectiveness often makes an engaging case for replacement.

Repair history

An occasional minor part replacement is typical. Frequent blower motor failures, repeated refrigerant leaks, and chronic control panel issues indicate systemic issues. Keep a record of repairs throughout several years. Seeing the pattern on paper helps you choose with a clear head instead of in the heat of the most recent breakdown.

Comfort complaints

If you still have hot and cold spaces after duct modifications and envelope improvements, or if humidity concerns persist in spite of affordable run times, that may indicate the incorrect kind of system or a bad quality installation. Upgrading at that point is not practically performance. It has to do with getting the right tool for the job.

How spray foam and HVAC systems connect over time

After spray foam insulation goes in, 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 invest more time at lower output phases. That is actually desirable. It allows better dehumidification and more consistent temperatures.

Duct leak becomes more obvious

In a vented, dripping attic, a little bit of duct leakage simply discards air into an area that is currently hostile. As soon as the attic is insulated and semi-conditioned, dripping ducts may develop unforeseen convenience

patterns, like one space overcooling and another undercooling. The leaks did not appear over night. The better envelope merely made their effect more visible.

Ventilation questions

Tightening up the building makes mechanical ventilation more important, especially in more recent building with tight doors and windows. A contractor who comprehends both HVAC installation Conway SC and developing science might suggest an ERV or HRV, or at least regulated restroom and kitchen exhaust strategies. This keeps indoor air quality high while still profiting of a tight envelope.

Defrost cycles and winter season behavior

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

A basic property owner list for year-round performance

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

1. Change or tidy filters consistently

Filthy filters choke air flow, 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 roof line or encapsulated crawlspace walls, do not leave access panels unlatched or harmed. One loose hatch can jeopardize a great deal of the air sealing gains.

3. Schedule yearly HVAC service

Even high efficiency systems need routine assessments for electrical connections, refrigerant charge, coil cleanliness, and drainage. Discuss any changes to your insulation or building envelope because the last visit.

4. Watch for wetness and odor changes

Due to the fact that the home is tighter, wetness sources show up more clearly. Focus on moldy smells, fogged windows, or damp areas. Resolving those early avoids both air quality issues and pressure on the HVAC.

5. Track your energy use

After spray foam insulation Conway SC work or a new HVAC installation, compare your electrical expenses year over year, adjusting mentally for big temperature level differences. You should see a significant reduction in overall kWh, particularly in peak summer and winter.

When "HVAC repair near me" should 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 concentrates on the outdoor condenser or furnace cabinet. The flip side is that lots of insulation salesmen focus just on R-values and rebates, and hardly inquire about the equipment.

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



If your home feels drafty, if the second flooring is constantly hotter, or if your unit never appears to turn off, it deserves asking the HVAC specialist how much of that is equipment and how much is the building shell. Also, when working with a business for spray foam insulation Conway SC jobs, ask how they collaborate with HVAC sizing and ventilation.

A couple of targeted questions can reveal a lot:

- Do you run a load computation after insulation modifications before quoting brand-new HVAC devices?
- How do you make sure ventilation is sufficient once your house is tighter?
- If ducts go through the attic, what is your method when transforming to an unvented roof with foam?
- Will my existing devices size still be proper after the insulation upgrade?

Professionals who can respond to those questions with specifics, not unclear guarantees, are the ones who can assist you really seal, conserve, and remain comfortable.

Bringing all of it together for Conway homes

In this region, convenience and performance are a joint project between the building envelope and the mechanical system. Quality spray foam insulation keeps the outdoor mayhem at bay. A well designed, effectively maintained HVAC system then works within that calmer environment, rather of fighting through leakages and severe attic temperatures.

A homeowner in Conway who buys both sides of that formula gets more than lower expenses. You get quieter spaces, less temperature swings, better air quality, and equipment that ages with dignity 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 begin building a home that works with the environment 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

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Tech Service Heating Cooling and Spray Foam increases energy efficiency

Tech Service Heating Cooling and Spray Foam installs ventilation 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

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](#)

You might take a short drive to the [Horry County Museum](#). The Horry County Museum reflects how HVAC services, Spray Foam Insulation, and Heating Systems Repairs help preserve exhibits through Reliable Service and Quality Workmanship.