

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 everything from the weather. Damp summertimes that linger into October, a couple of cold snaps in winter, and salt-tinged air that never rather disappears. I have actually walked 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 basic however often ignored. Your HVAC system and your insulation belong to the 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 structure shell is sealed and the system is sized and installed correctly, the reward shows up in three locations: your energy expense, your comfort, and the length of time the equipment lasts.

Why sealing the home matters before updating HVAC

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

I remember a house off Highway 501, approximately 2,000 square feet, with a reasonably brand-new 3.5 load heatpump. The owners complained that your home never ever cooled equally and the unit never ever shut off in August. The system took a look at fine. Pressures were excellent, refrigerant charge was right, and air flow numbers were not bad. The real issue remained in the attic: patchwork fiberglass insulation, huge spaces around every penetration, and a leaking access hatch.

Once we air sealed and added spray foam insulation in the essential areas, the exact same HVAC system all of a sudden had a fair shot. Run time dropped, the second floor lastly matched the first flooring, and the homeowners started asking why their system was cycling off so much more often.

The equipment 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 big your HVAC installation in Conway SC truly requires to be and how typically that equipment has to run.



Consider a normal older home around Conway:

- Vented attic with loose-fill or batt insulation, frequently uneven 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 strike 120 to 140 degrees on a sunny summertime day. Every leakage pulls that superheated air into the home or into the duct system. Your ac system is essentially attempting to cool a moving target.

Spray foam insulation changes the dynamics. Closed cell or open cell foam used to the roofing deck and crucial air leak points transforms that blistering attic into a semi-conditioned area. 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 acts the exact same way in coastal South Carolina. We handle high humidity, strong sun, and frequent swings between air conditioning and heating seasons. That combination punishes both poorly insulated homes and minimal HVAC systems.

How spray foam carries out in practice

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

1. Air sealing and thermal resistance in one layer

Foam sticks to framing and sheathing, filling cracks and seams 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 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 serves as a vapor retarder. The choice between them depends on roofing system style, existing materials, and whether you have a history of roofing leakages or condensation. There is no one-size service. A professional who comprehends the regional code and environment is crucial.

3. Quieter, more steady interiors

After a quality spray foam job, property owners frequently observe how peaceful their home becomes. Street sound drops, wind-driven rattles disappear, and indoor temperature level tends to alter more gradually. That slower temperature swing means the HVAC unit can cycle in a more controlled way 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, but some places regularly deliver better returns in the Conway area.

Attic roof deck

Spraying foam at the roof line produces an unvented attic. This keeps ducts inside the thermal envelope, reduces attic temperature levels considerably, and frequently leads to 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 obstruct a great deal of moisture and air leakage. That can minimize moldy odors, support floorings, and take a problem off the ac system throughout humid months.

Garage walls and bonus rooms

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

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

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

The old general rule of a ton per 500 or 600 square feet is crude at best. It overlooks insulation levels, window quality, shading, occupancy, and infiltration. In a home that has been updated with spray foam, utilizing that rule usually results in oversizing.

Here is what oversizing looks like in the field:

Short run times

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

Uneven temperature levels 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 off before the air has actually fully mixed.

Higher wear on equipment

Frequent starts and stops are harder on motors and compressors than steady, moderate run time. That equates to shorter devices life and more regular 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 luxury. It is a necessity. A good professional will ask about recent insulation upgrades before quoting a brand-new unit, and will size the equipment based on real heat gain and loss, not on rough square video guesses.

What to anticipate from a premier HVAC service Conway SC

There are a lot of trucks with magnets that state "HVAC repair near me," but the quality of service varies dramatically. A cautious house owner learns to recognize the habits of a strong 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 work go to, they will measure static pressure, check air flow, verify refrigerant charge with superheat and subcooling, and examine electrical parts. Replacing parts by trial and error normally ends with higher costs and repeat failures.

2. Look beyond the equipment

An experienced 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 take notice of ventilation needs, attic temperature levels, and any past humidity issues.

3. Document and interact clearly

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

4. Offer alternatives, not ultimatums

A trustworthy company discusses the instant repair, the medium term choice, and the long term strategy when suitable. For instance, they might repair a capacitor today, advise duct sealing within six 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 devices, or including exhaust fans without thought can develop pressure issues. A pro comprehends how to keep the envelope undamaged and balanced.

HVAC repair versus replacement: how to think about the decision

Few homeowners are delighted to hear they may require a brand-new system. The option between HVAC repair Conway SC and a complete replacement ought to 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 begins to look more attractive.

Efficiency gap

A twenty year old system may be performing at 8 to 10 SEER in real conditions. New equipment, particularly variable speed heatpump, can push into the high teenagers or better. If your home now has actually upgraded insulation, the mix of lower load and higher efficiency often makes a compelling case for replacement.

Repair history

An occasional small part replacement is normal. Frequent blower motor failures, duplicated refrigerant leaks, and persistent control panel problems indicate systemic issues. Keep a record of repair work across several years. Seeing the pattern on paper assists you decide with a clear head instead of in the heat of the current breakdown.

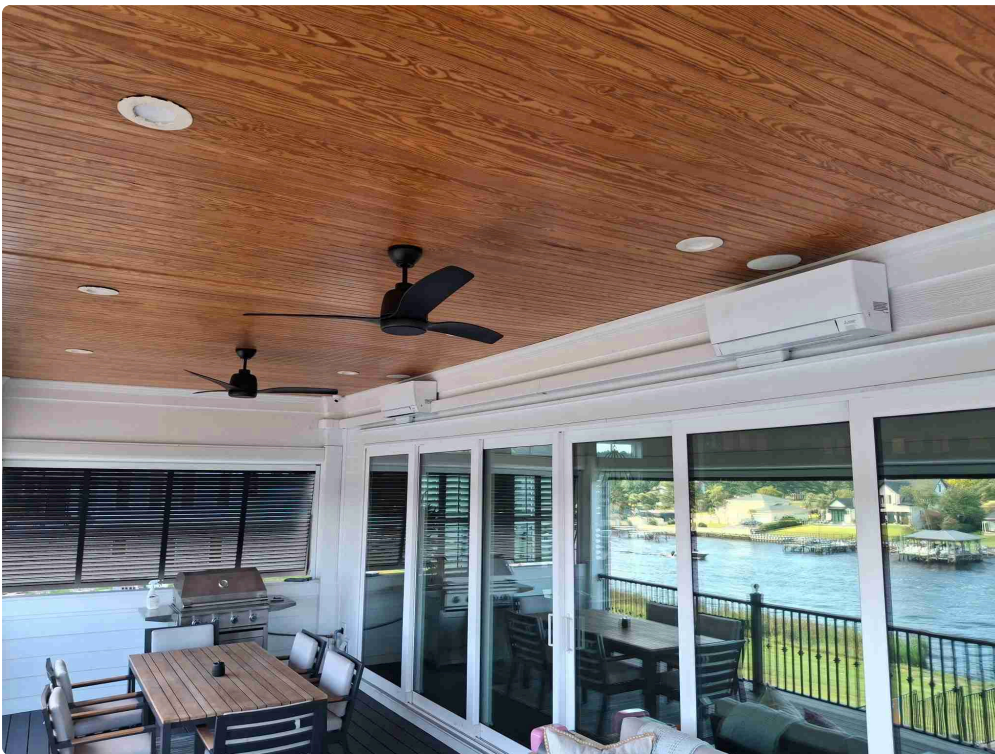
Comfort complaints

If you still have cold and hot rooms after duct modifications and envelope improvements, or if humidity issues continue in spite of sensible run times, that might suggest the wrong type of system or a poor quality installation. Upgrading at that point is not just about performance. It is about getting the best tool for the job.

How spray foam and HVAC systems connect over time

After spray foam insulation enters, the home acts differently. Your HVAC system will show those changes ideal away.

Lower run time, greater part-load operation



If you have a variable speed system, it will invest more time at lower output stages. That is actually [HVAC Repair Conway SC](#) desirable. It permits better dehumidification and more consistent temperatures.

Duct leak ends up being more obvious

In a vented, leaking attic, a little duct leak just disposes air into a space that is already hostile. When the attic is insulated and semi-conditioned, leaky ducts might produce unforeseen comfort patterns, like one space overcooling and another undercooling. The leakages did not appear over night. The better envelope merely made their effect more visible.

Ventilation questions

Tightening the building makes mechanical ventilation more vital, specifically in more recent construction with tight doors and windows. A professional who comprehends both HVAC installation Conway SC and constructing

science might suggest an ERV or HRV, or a minimum of regulated restroom and cooking 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, moist mornings, heatpump occasionally need to defrost. In a well insulated home, those defrost cycles are less visible inside since the rate of heat loss is lower. Even if the outside unit stops briefly heating briefly, the indoor temperature tends to stay steady.

A basic house owner list for year-round performance

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

1. Change or tidy filters consistently

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

2. Keep attic and crawlspace gain access to sealed

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

3. Schedule annual HVAC service

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

4. Watch for moisture and odor changes

Since the home is tighter, moisture sources show up more clearly. Pay attention to moldy smells, fogged windows, or damp areas. Resolving those early avoids both air quality concerns and strain 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 psychologically for huge temperature differences. You need to see a significant reduction in overall kWh, particularly in peak summertime and winter.

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

Many service calls begin the same method. Homeowner searches for HVAC repair near me, a specialist shows up, and everyone focuses on the outside condenser or furnace cabinet. The flip side is that many insulation salespeople focus only on R-values and rebates, and barely inquire about the equipment.

The house owners who get the best results demand connecting those dots.

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

A couple of targeted questions can reveal a lot:

- Do you run a load estimation after insulation changes before pricing estimate new HVAC equipment?
- How do you make sure ventilation is sufficient once the house is tighter?
- If ducts go through the attic, what is your method when transforming to an unvented roofing system with foam?
- Will my existing equipment size still be suitable after the insulation upgrade?

Professionals who can answer those questions with specifics, not unclear assurances, are the ones who can help you genuinely seal, save, and remain comfortable.

Bringing it all together for Conway homes

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

A homeowner in Conway who purchases both sides of that formula acquires more than lower costs. You get quieter spaces, fewer temperature level swings, better air quality, and equipment that ages with dignity instead of burning itself out in half its prospective lifespan.

If you approach HVAC service Conway SC and insulation upgrades as one coordinated strategy, you stop paying for mismatched fixes and begin constructing a home that works with the environment instead of versus it. That is the real reward of sealing, conserving, 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

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Tech Service Heating Cooling and Spray Foam increases energy efficiency

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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](#)

[Conway Riverwalk](#) highlights the importance of HVAC services, Air Conditioning Installation, and Reliable Service in maintaining comfortable public spaces with lasting Quality Workmanship.