

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. Damp summertimes that linger into October, a few cold snaps in winter season, and salt-tinged air that never ever rather goes away. I have strolled into lots of homes around Horry County where the thermostat was doing its finest, but the building itself was working against it: leaky attic, under-insulated crawlspace, and an HVAC system combating a losing battle.



The reality is easy however typically overlooked. Your HVAC system and your insulation are part of the 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 becomes powerful. When the building shell is sealed and the system is sized and set up properly, the payoff shows up in 3 places: your energy expense, 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 concentrate 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 keep in mind a home off Highway 501, approximately 2,000 square feet, with a relatively new 3.5 ton heatpump. The owners complained that your home never cooled equally and the system never turned off in August. The system checked out fine. Pressures were good, refrigerant charge was appropriate, and airflow numbers were not bad. The real issue remained in the attic: patchwork fiberglass insulation, big gaps around every penetration, and a dripping gain access to hatch.

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

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

The structure envelope: your invisible HVAC partner

Insulation, air sealing, and duct stability are the unrecognized heroes of comfort. They set the stage for how big your HVAC installation in Conway SC really requires to be and how typically that devices has to run.

Consider a typical 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 strike 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 conditioner is essentially attempting to cool a moving target.

Spray foam insulation alters the characteristics. Closed cell or open cell foam used to the roofing system deck and essential air leak points transforms that blistering attic into a semi-conditioned area. Temperature levels 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 very same way in coastal South Carolina. We handle high humidity, strong sun, and frequent swings between cooling and heating seasons. That mix penalizes both improperly insulated homes and limited HVAC systems.

How spray foam performs in practice

Properly installed spray foam insulation in Conway SC can provide 3 essential benefits.

1. Air sealing and thermal resistance in one layer

Foam adheres to framing and sheathing, filling cracks and joints that other products miss. Instead of having one item 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 functions as a vapor retarder. The option in between them depends on roof design, existing materials, and whether you have a history of roofing leakages or condensation. There is no one-size solution. A professional who comprehends the local code and environment is crucial.

3. Quieter, more steady interiors

After a quality spray foam job, homeowners often observe how quiet their home becomes. Street sound drops, wind-driven rattles disappear, and indoor temperature tends to alter more slowly. That slower temperature swing indicates the HVAC unit can cycle in a more regulated way instead of jerking on and off with every gust of hot air.



Where foam pays off the most

I have actually seen foam used from crawlspace walls to roof decks, however some areas consistently deliver much better returns in the Conway area.

Attic roofing system deck

Spraying foam at the roof line creates an unvented attic. This keeps ducts inside the thermal envelope, decreases attic temperatures drastically, and frequently leads to 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 great deal of moisture and air leakage. That can minimize moldy smells, stabilize floorings, and take a problem off the air conditioning system during damp months.

Garage walls and benefit rooms

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

Right-size HVAC: avoiding 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 common issues I see in HVAC installation around Conway SC, specifically in homes that have actually just recently been tightened up up.

The old general rule of a ton per 500 or 600 square feet is crude at best. It disregards insulation levels, window quality, shading, occupancy, and infiltration. In a home that has been upgraded with spray foam, utilizing that guideline normally results in 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 long enough to pull wetness out of the air. The home feels cool but clammy, specifically during 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 lag behind. The system shuts down before the air has fully 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 computation is not a high-end. It is a necessity. An excellent contractor will ask about current insulation upgrades before pricing quote a new system, and will size the equipment based on actual heat gain and loss, not on rough square footage guesses.

What to get out of 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 differs dramatically. A mindful house owner learns to recognize the practices 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 go to, they will determine static pressure, check airflow, verify refrigerant charge with superheat and subcooling, and check electrical elements. Changing parts by experimentation generally ends with higher costs and repeat failures.

2. Look beyond the equipment

An experienced tech will open a return plenum cover, check duct insulation in the attic, and ask 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, pictures when pertinent, and a simple description of what stopped working and why. If every response involves an expensive replacement without numbers to back it up, you are not getting genuine diagnostics.

4. Offer options, not ultimatums

A reliable business describes the instant repair, the medium term alternative, and the long term plan when appropriate. For instance, they may fix a capacitor today, suggest duct sealing within 6 months, and discuss whether your older system is worth 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 including exhaust fans without idea can produce pressure issues. A pro comprehends how to keep the envelope intact and balanced.

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

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

Age of the system

As soon as an unit passes 12 to 15 years, it moves into the zone where big repair work compete with the cost of replacement. Compressors and heat exchangers are the big-ticket failures. If among those goes on an older unit, replacement begins to look more attractive.

Efficiency gap

A twenty years of age system might be performing at 8 to 10 SEER in genuine conditions. New equipment, specifically variable speed heatpump, can press into the high teens or much better. If your home now has actually updated insulation, the mix of lower load and higher performance frequently makes an engaging case for replacement.

Repair history

A periodic minor part replacement is typical. Frequent blower motor failures, repeated refrigerant leakages, and persistent control panel concerns point to systemic problems. Keep a record of repairs across a number of years. Seeing the pattern on paper assists 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 rooms after duct modifications and envelope improvements, or if humidity concerns persist regardless of affordable run times, that may show the incorrect type of system or a poor quality setup. Upgrading at that point is not practically efficiency. It has to do with getting the ideal tool for the job.

How spray foam and HVAC systems engage over time

After spray foam insulation goes in, the home acts in a different way. Your HVAC system will reveal those changes right away.

Lower run time, higher part-load operation

If you have a variable speed system, it will invest more time at lower output stages. That is actually preferable. It allows better dehumidification and more consistent temperatures.

Duct leak ends up being more obvious

In a vented, leaky attic, a little duct leak merely discards air into a space that is currently hostile. As soon as the attic is insulated and semi-conditioned, dripping ducts might produce unforeseen comfort patterns, like one room overcooling and another undercooling. The leakages did not appear over night. The better envelope merely made their impact more visible.

Ventilation questions

Tightening the building makes mechanical ventilation more important, specifically in more recent building and construction with tight doors and windows. A specialist who understands both HVAC installation Conway SC and constructing science may advise an ERV or HRV, or a minimum of regulated restroom and kitchen exhaust techniques. This keeps indoor air quality high while still reaping the benefits of a tight envelope.

Defrost cycles and winter season behavior

On cold, wet 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 stops briefly heating briefly, the indoor temperature tends to remain steady.

An easy homeowner list for year-round performance

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

1. Change or clean filters consistently

Filthy filters choke air flow, drive up 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 access panels unlatched or damaged. One loose hatch can jeopardize a lot of the air sealing gains.



3. Schedule annual HVAC service

Even high efficiency systems require regular examinations for electrical connections, refrigerant charge, coil cleanliness, and drain. Point out any modifications to your insulation or building envelope because the last visit.

4. Watch for moisture and smell 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. Attending to 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 new HVAC installation, compare your electric expenses year over year, adjusting mentally for huge temperature distinctions. You need to see a significant decrease in total kWh, particularly in peak summer and winter.

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

Many service calls start the same method. Homeowner searches for HVAC repair near me, a service technician shows up, and everyone focuses on the outside condenser or furnace cabinet. The other side is that lots of insulation salespeople focus just on R-values and refunds, and hardly ask about the equipment.

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

If your home feels drafty, if the 2nd flooring is always hotter, or if your unit never appears to [Tech Service Heating/Cooling & Spray Foam HVAC repair near me](#) turn off, it is worth asking the HVAC contractor how much of that is equipment and just how much is the structure shell. Similarly, when employing a business for spray foam insulation Conway SC jobs, ask how they coordinate with HVAC sizing and ventilation.

A few targeted questions can expose a lot:

- Do you run a load estimation after insulation modifications before estimating brand-new HVAC devices?
- How do you ensure 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 devices size still be appropriate after the insulation upgrade?

Professionals who can address those concerns with specifics, not vague guarantees, are the ones who can assist you truly seal, conserve, and remain comfortable.

Bringing it all together for Conway homes

In this region, convenience and performance are a joint project in between the structure envelope and the mechanical system. Quality spray foam insulation keeps the outside mayhem at bay. A well designed, properly maintained HVAC system then works within that calmer environment, instead of hammering out leaks and severe attic temperatures.

A house owner in Conway who invests in both sides of that formula acquires more than lower expenses. You get quieter rooms, fewer temperature swings, much better air quality, and equipment that ages with dignity rather than burning itself out in half its prospective lifespan.

If you approach HVAC service Conway SC and insulation upgrades as one coordinated technique, you stop spending for mismatched repairs and begin building a home that deals with the environment instead of against it. That is the genuine 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:8434881571) 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:8434881571), 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.