

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 summer seasons that stick around into October, a couple of cold snaps in winter, and salt-tinged air that never ever rather disappears. I have strolled into lots of houses around Horry County where the thermostat was doing its best, but the building itself was working against it: leaking attic, under-insulated crawlspace, and an HVAC system combating a losing battle.

The fact is simple but often neglected. 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 mix of quality spray foam insulation and a dependable HVAC service in Conway SC ends up being powerful. When the structure shell is sealed and the system is sized and set up properly, the reward appears in three places: your energy expense, your comfort, and the length of time the equipment lasts.

Why sealing the home matters before updating HVAC

When someone calls looking for HVAC repair near me, the very first instinct is to concentrate on the unit outdoors or the air handler in the attic. Lots of 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 lot heatpump. The owners complained that your house never ever cooled evenly and the system never ever turned off in August. The system had a look at fine. Pressures were great, refrigerant charge was appropriate, and air flow numbers were okay. The genuine issue remained in the attic: patchwork fiberglass insulation, huge gaps around every penetration, and a leaking gain access to hatch.

Once we air sealed and added spray foam insulation in the crucial areas, the same HVAC system suddenly had a reasonable shot. Run time dropped, the 2nd floor finally matched the first floor, and the property owners began asking why their system was cycling off a lot more often.

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

The structure envelope: your undetectable HVAC partner

Insulation, air sealing, and duct integrity are the unsung heroes of comfort. They set the phase for how large your HVAC installation in Conway SC truly requires to be and how typically that device needs to run.

Consider a normal older home around Conway:



- Vented attic with loose-fill or batt insulation, frequently 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 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 basically attempting to cool a moving target.

Spray foam insulation alters the characteristics. Closed cell or open cell foam used to the roof 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 very same method in seaside South Carolina. We deal with high humidity, strong sun, and frequent swings in between a/c and heating seasons. That combination punishes both improperly insulated homes and minimal 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 adheres to framing and sheathing, filling fractures and joints that other items miss. Rather of having one product for R-value and another for air sealing, you get both in a single pass.

2. Moisture behavior suited to our humidity

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

3. Quieter, more stable interiors

After a quality spray foam task, property owners typically see how peaceful their home ends up being. Street sound drops, wind-driven rattles disappear, and indoor temperature level tends to change more slowly. That slower temperature level swing indicates the HVAC system can cycle in a more regulated method instead of jerking on and off with every gust of hot air.

Where foam pays off the most

I have seen foam used from crawlspace walls to roofing system decks, but some areas consistently deliver much better returns in the Conway area.

Attic roofing deck

Spraying foam at the roofing system line produces an unvented attic. This keeps ducts inside the thermal envelope, lowers attic temperatures significantly, and frequently results in 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 lot of moisture and air leak. That can lower musty smells, support floors, and take a burden off the air conditioner throughout humid months.

Garage walls and benefit rooms

Any space above or beside an unconditioned garage is notorious for being either freezing or suppressing. Foam in the separating walls and floors transforms that space into something usable year round, and the primary HVAC system will not be taken out of balance trying to fix one issue room.

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

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

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

Here is what oversizing looks like in the field:

Short run times

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

Uneven temperatures and hot spots

Rooms at the end of runs never get enough time with cold or warm air, so they drag. The system turns off before the air has actually fully mixed.

Higher wear on equipment

Regular starts and stops are harder on motors and compressors than stable, moderate run time. That translates to shorter equipment 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 luxury. It is a need. A great contractor will inquire about current insulation [HVAC repair near me techhvac-foam.com](http://techhvac-foam.com) upgrades before pricing estimate a new unit, and will size the devices based on actual heat gain and loss, not on rough square video guesses.

What to expect from a premier HVAC service Conway SC

There are lots of trucks with magnets that say "HVAC repair near me," but the quality of service differs drastically. A cautious property owner finds out to acknowledge the practices 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 go to, they will measure static pressure, check airflow, verify refrigerant charge with superheat and subcooling, and inspect electrical components. Changing parts by experimentation normally ends with

greater 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 needs, attic temperature levels, and any past humidity issues.

3. Document and communicate clearly

You need to see before and after numbers, photos when appropriate, 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 options, not ultimatums

A reliable business describes the instant repair, the medium term alternative, and the long term strategy when appropriate. For instance, they might repair a capacitor today, recommend duct sealing within 6 months, and talk about whether your older system is worth keeping for another season or two.

5. Respect the building envelope

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

HVAC repair versus replacement: how to think about the decision

Few house owners are excited to hear they may need a new system. The choice 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 large repair work take on the cost of replacement. Compressors and heat exchangers are the big-ticket failures. If among those goes on an older unit, replacement starts to look more attractive.

Efficiency gap

A twenty years of age system may be performing at 8 to 10 SEER in genuine conditions. New devices, 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 greater efficiency often makes an engaging case for replacement.

Repair history

A periodic small part replacement is typical. Regular blower motor failures, repeated refrigerant leakages, and persistent control panel concerns point to systemic issues. Keep a record of repair work 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 cold and hot rooms after duct changes and envelope improvements, or if humidity problems continue in spite of reasonable run times, that may indicate the wrong type of system or a bad quality installation. Upgrading at that point is not just about performance. It is about 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 show those modifications best 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 enables much better dehumidification and more consistent temperatures.

Duct leakage ends up being more obvious

In a vented, dripping attic, a little duct leak merely discards air into an area that is currently hostile. As soon as the attic is insulated and semi-conditioned, leaking ducts might produce unexpected comfort patterns, like one space overcooling and another undercooling. The leaks did not appear overnight. The much better envelope just made their effect more visible.

Ventilation questions

Tightening up the building makes mechanical ventilation more important, specifically in more recent construction with tight doors and windows. A contractor who understands both HVAC installation Conway SC and building science might suggest an ERV or HRV, or a minimum of controlled bathroom and kitchen exhaust techniques. This keeps indoor air quality high while still profiting of a tight envelope.

Defrost cycles and winter season behavior

On cold, damp early mornings, heat pumps periodically require to defrost. 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 stay steady.

A simple 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

Unclean filters choke airflow, drive up static pressure, and can freeze coils. With spray foam and a tight home, airflow 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 yearly HVAC service

Even high efficiency systems need routine examinations for electrical connections, refrigerant charge, coil cleanliness, and drainage. Mention any modifications to your insulation or structure envelope considering that the last visit.

4. Watch for wetness and smell changes

Since the home is tighter, moisture sources show up more plainly. Take note of musty smells, fogged windows, or damp areas. Resolving those early avoids both air quality issues 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 psychologically for big temperature differences. You must see a meaningful reduction in overall kWh, especially in peak summer and winter.

When "HVAC repair near me" should include an insulation conversation

Many service calls begin the same method. Homeowner searches for HVAC repair near me, a professional shows up, and everybody concentrates on the outside condenser or heater cabinet. The flip side is that many insulation salesmen focus just on R-values and refunds, and barely ask about the equipment.

The house owners who get the best outcomes demand linking those dots.

If your home feels drafty, if the second flooring is always hotter, or if your system never ever appears to turn off, it deserves asking the HVAC specialist how much of that is equipment and how much is the structure shell. Likewise, when employing a business for spray foam insulation Conway SC tasks, ask how they coordinate with HVAC sizing and ventilation.

A couple of targeted concerns can reveal a lot:

- Do you run a load computation after insulation modifications before pricing estimate brand-new HVAC devices?
- How do you ensure ventilation is sufficient once your home is tighter?
- If ducts run through the attic, what is your technique when transforming to an unvented roofing with foam?
- Will my existing devices size still be proper after the insulation upgrade?

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

Bringing everything together for Conway homes

In this area, convenience and efficiency are a joint project between the building envelope and the mechanical system. Quality spray foam insulation keeps the outside mayhem at bay. A well created, appropriately preserved HVAC system then works within that calmer environment, rather of fighting through leaks and severe attic temperatures.

A house owner in Conway who invests in both sides of that formula gets more than lower expenses. You get quieter rooms, fewer temperature level swings, better air quality, and devices that ages gracefully instead of 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 fixes and begin constructing a home that deals with the climate rather of against it. That is the real reward 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

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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/>
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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 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](#)

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