

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 condition. Humid summers that stick around into October, a few cold snaps in winter season, and salt-tinged air that never rather goes away. I have actually strolled into a lot of homes around Horry County where the thermostat was doing its best, but the structure itself was working versus it: dripping attic, under-insulated crawlspace, and an HVAC system fighting a losing battle.

The truth is basic however typically ignored. Your HVAC system and your insulation belong to the exact same convenience system. If one is weak, the other needs to work harder, cost more, and fail sooner.

This is where the combination of quality spray foam insulation and a reputable HVAC service in Conway SC becomes powerful. When the building shell is sealed and the system is sized and installed correctly, the reward appears in three locations: your energy costs, your convenience, and how long the equipment lasts.



Why sealing the home matters before upgrading HVAC

When someone calls searching for HVAC repair near me, the first impulse is to concentrate 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 home off Highway 501, approximately 2,000 square feet, with a reasonably brand-new 3.5 ton heatpump. The owners complained that the house never cooled equally and the unit never shut down in August. The system had a look at fine. Pressures were excellent, refrigerant charge was proper, and airflow numbers were not bad. The real problem remained in the attic: patchwork fiberglass insulation, huge spaces around every penetration, and a leaky 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 flooring lastly matched the very first flooring, and the homeowners started asking why their system was cycling off so much more often.

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

The building envelope: your invisible HVAC partner

Insulation, air sealing, and duct integrity are the unrecognized heroes of convenience. They set the phase for how large your HVAC installation in Conway SC truly requires to be and how often that devices needs to run.

Consider a common older home around Conway:

- Vented attic with loose-fill or batt insulation, typically unequal and compressed
- Leaky ductwork running 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 season 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 dynamics. Closed cell or open cell foam applied to the roofing system deck and key air leak points transforms that blistering attic into a semi-conditioned space. 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 acts the exact same method in coastal South Carolina. We deal with high humidity, strong sun, and frequent swings between a/c and heating seasons. That mix penalizes both badly insulated homes and limited HVAC systems.

How spray foam carries out in practice

Properly set up spray foam insulation in Conway SC can deliver 3 essential benefits.

1. Air sealing and thermal resistance in one layer

Foam adheres to framing and sheathing, filling fractures and seams that other products miss out on. Rather of having one item for R-value and another for air sealing, you get both in a single pass.

2. Moisture behavior matched to our humidity

Open cell foam is vapor permeable and can enable assemblies to dry to the interior. Closed cell has a greater R-value per inch and functions as a vapor retarder. The choice in between them depends upon roofing system design, existing materials, and whether you have a history of roofing system leaks or condensation. There is no one-size service. A professional who understands the local code and climate is crucial.

3. Quieter, more stable interiors

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

Where foam settles the most

I have actually seen foam used from crawlspace walls to roofing system decks, but some locations regularly provide much better returns in the Conway area.

Attic roofing system deck

Spraying foam at the roofing line develops an unvented attic. This keeps ducts inside the thermal envelope, decreases attic temperatures dramatically, and frequently causes smaller sized tonnage requirements for 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 odors, support floors, and take a problem off the air conditioning unit during humid months.

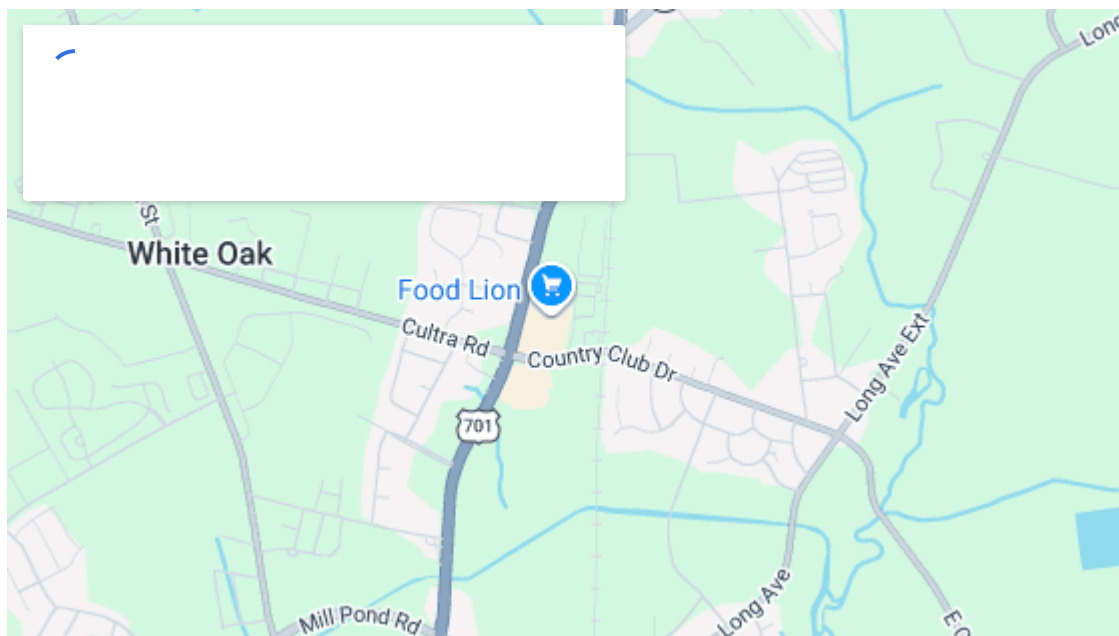
Garage walls and bonus rooms

Any area 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 functional year round, and the primary HVAC system will not be taken out of balance trying to fix 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 one of the most common issues I see in HVAC installation around Conway SC, specifically in homes that have actually just recently been tightened up.

The old guideline of a load per 500 or 600 square feet is unrefined at best. It disregards insulation levels, window quality, shading, occupancy, and seepage. In a home that has been updated with spray foam, utilizing that guideline normally causes 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 long enough to pull wetness out of the air. The [techvac-foam.com HVAC repair near me](https://www.techvac-foam.com) home feels cool but clammy, especially during heavy humidity.

Uneven temperature levels and hot spots

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

Higher wear on equipment

Frequent starts and stops are harder on motors and compressors than consistent, moderate run time. That translates to shorter equipment life and more regular 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 high-end. It is a need. A good specialist will ask about current insulation upgrades before pricing quote a new unit, and will

size the equipment based upon real heat gain and loss, not on rough square video guesses.

What to expect from a premier HVAC service Conway SC

There are plenty of trucks with magnets that state "HVAC repair near me," however the quality of service varies drastically. A careful homeowner finds out to acknowledge the routines 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 see, they will measure fixed pressure, check airflow, validate refrigerant charge with superheat and subcooling, and inspect electrical parts. Replacing parts by trial and error typically ends with greater 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 ask about insulation or window upgrades. When spray foam insulation is present, they will take note of ventilation requirements, attic temperature levels, and any past humidity issues.

3. Document and communicate clearly

You need to see before and after numbers, images when pertinent, 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 options, not ultimatums

A credible business explains the instant fix, the medium term alternative, and the long term plan when suitable. For example, they might repair a capacitor today, suggest duct sealing within six months, and go over whether your older unit 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 home appliances, or including exhaust fans without idea can develop pressure issues. A professional understands how to keep the envelope intact and balanced.

HVAC repair work versus replacement: how to consider the decision

Few property owners are thrilled to hear they might need a new system. The choice between HVAC repair Conway SC and a full replacement ought to 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 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 might be performing at 8 to 10 SEER in real conditions. New equipment, particularly variable speed heat pumps, can press into the high teenagers or much better. If your home now has actually updated insulation, the mix of lower load and higher efficiency frequently makes an engaging case for replacement.

Repair history

An occasional small part replacement is regular. Regular blower motor failures, duplicated refrigerant leaks, and persistent control panel issues point to systemic problems. Keep a record of repair work throughout 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 hot and cold rooms after duct modifications and envelope enhancements, or if humidity concerns continue despite affordable run times, that might suggest the wrong type of system or a bad quality setup. Upgrading at that point is not practically performance. It is about getting the best tool for the job.

How spray foam and HVAC systems interact over time

After spray foam insulation goes in, the home behaves in a different way. Your HVAC system will show those modifications ideal away.

Lower run time, greater part-load operation

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

Duct leak becomes more obvious

In a vented, dripping attic, a little bit of duct leak simply discards air into a space that is already hostile. When the attic is insulated and semi-conditioned, dripping ducts may create unexpected convenience patterns, like one room overcooling and another undercooling. The leaks did not appear over night. The much better envelope just made their impact more visible.

Ventilation questions

Tightening up the structure makes mechanical ventilation more crucial, specifically in more recent building and construction with tight windows and doors. A specialist who comprehends both HVAC installation Conway SC and developing science may advise an ERV or HRV, or at least regulated restroom and kitchen area 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 need 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 outdoor unit stops briefly heating briefly, the indoor temperature level tends to remain steady.

A basic homeowner checklist for year-round performance

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

1. Change or tidy filters consistently

Unclean filters choke air flow, increase 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 roofing system line or encapsulated crawlspace walls, do not leave access panels unlatched or harmed. One loose hatch can jeopardize a lot of the air sealing gains.

3. Schedule yearly HVAC service

Even high effectiveness systems require routine examinations for electrical connections, refrigerant charge, coil cleanliness, and drainage. Mention any changes to your insulation or structure envelope since the last visit.

4. Watch for moisture and smell changes

Due to the fact that the home is tighter, moisture sources appear more plainly. Focus on musty smells, fogged windows, or damp areas. Addressing 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 electrical expenses year over year, changing psychologically for huge temperature level distinctions. You should see a significant decrease in total kWh, especially in peak summer and winter.

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

Many service calls begin the exact same method. Homeowner searches for HVAC repair near me, a service technician shows up, and everybody focuses on the outdoor condenser or heating system cabinet. The other side is that lots of insulation salespeople focus only on R-values and refunds, and barely inquire about the equipment.

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

If your home feels drafty, if the second flooring is always hotter, or if your unit never ever seems to shut off, it is worth asking the HVAC contractor just how much of that is equipment and how much is the building shell. Also, when hiring a company for spray foam insulation Conway SC jobs, ask how they coordinate with HVAC sizing and ventilation.

A couple of targeted questions can reveal a lot:

- Do you run a load estimation after insulation modifications before pricing quote brand-new HVAC devices?
- How do you make sure ventilation is adequate once your house is tighter?
- If ducts run through the attic, what is your technique when converting to an unvented roofing with foam?
- Will my existing devices size still be suitable after the insulation upgrade?

Professionals who can answer those concerns with specifics, not vague assurances, are the ones who can assist you really seal, save, and remain comfortable.



Bringing everything together for Conway homes

In this area, comfort and effectiveness are a joint project between the building envelope and the mechanical system. Quality spray foam insulation keeps the outside turmoil at bay. A well designed, properly maintained HVAC system then works within that calmer environment, instead of hammering out leakages and severe attic temperatures.

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

If you approach HVAC service Conway SC and insulation upgrades as one coordinated strategy, you stop paying for mismatched repairs and start building a home that deals with the environment instead of versus it. That is the real payoff 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 services residential properties

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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 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 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://techvac-foam.com/> or connect on social media via [TikTok](#)

Visiting the [Collins Park](#) demonstrates how professional Heating Systems Repairs and Spray Foam Insulation support community buildings and recreational facilities with dependable comfort.