

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 little bit of whatever from the weather condition. Humid summer seasons that linger into October, a couple of cold snaps in winter season, and salt-tinged air that never ever quite disappears. I have actually walked into a lot of houses around Horry County where the thermostat was doing its finest, but the structure itself was working versus it: dripping attic, under-insulated crawlspace, and an HVAC system battling a losing battle.

The reality is basic but frequently ignored. Your HVAC system and your insulation are part of the very same comfort system. If one is weak, the other needs to work harder, cost more, and fail sooner.

This is where the mix 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 installed properly, the payoff shows up in three places: your energy costs, your convenience, and the length of time the equipment lasts.

Why sealing the home matters before upgrading HVAC

When someone 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 devices itself. From experience, that narrow focus is a mistake.

I remember a home off Highway 501, roughly 2,000 square feet, with a relatively brand-new 3.5 ton heat pump. The owners grumbled that the house never ever cooled uniformly and the unit never shut off in August. The system had a look at fine. Pressures were great, refrigerant charge was correct, and air flow numbers were okay. The real issue remained in the attic: patchwork fiberglass insulation, big spaces around every penetration, and a leaky access hatch.

Once we air sealed and added spray foam insulation in the essential locations, the very same HVAC system unexpectedly had a reasonable shot. Run time dropped, the second flooring finally matched the very first flooring, and the house owners started asking why their unit was cycling off so much more often.

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

The building envelope: your unnoticeable HVAC partner

Insulation, air sealing, and duct stability are the unrecognized heroes of comfort. They set the phase for how large your HVAC installation in Conway SC actually requires to be and how often that devices 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 top plates, electrical penetrations, recessed lights, and around the attic hatch

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

Spray foam insulation changes the characteristics. Closed cell or open cell foam used to the roofing system deck and essential air leakage 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 very same method in coastal South Carolina. We deal with high humidity, strong sun, and frequent swings between air conditioning and heating seasons. That mix punishes both inadequately insulated homes and limited HVAC systems.

How spray foam carries out in practice

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

1. Air sealing and thermal resistance in one layer

Foam follows framing and sheathing, filling cracks and seams that other items miss out on. Instead 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

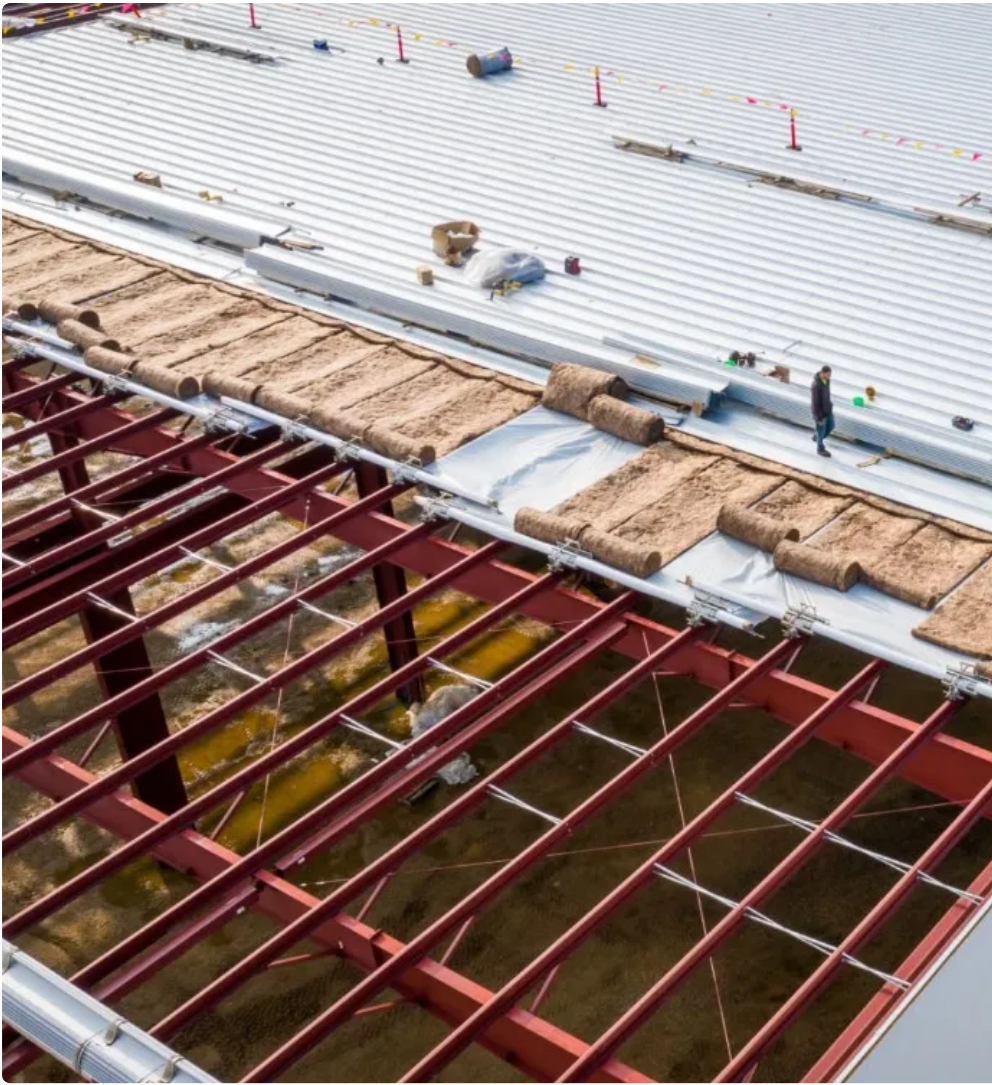
Open cell foam is vapor permeable and can enable assemblies to dry to the interior. Closed cell has a greater R-value per inch and acts as a vapor retarder. The choice between them depends on roof design, existing products, and whether you have a history of roofing leaks or condensation. There is no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

3. Quieter, more steady interiors

After a quality spray foam job, homeowners often see how quiet their home ends up being. Street sound drops, wind-driven rattles disappear, and indoor temperature level tends to alter more slowly. That slower temperature swing implies the HVAC unit 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 actually seen foam utilized from crawlspace walls to roofing system decks, but some areas regularly provide better returns in the Conway area.



Attic roof deck

Spraying foam at the roofing system line develops an unvented attic. This keeps ducts inside the thermal envelope, lowers attic temperatures considerably, and often results in 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 wetness and air leakage. That can lower moldy smells, support floors, and take a burden off the air conditioning unit during humid months.

Garage walls and benefit rooms

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

Right-size HVAC: preventing the "bigger is much better" trap

Once the shell is improved, you have a possibility to right-size the HVAC system. Oversizing is one of the most common issues I see in HVAC installation around Conway SC, particularly in homes that have just recently been

tightened up up.

The old general rule of a load per 500 or 600 square feet is crude at finest. It disregards insulation levels, window quality, shading, occupancy, and infiltration. In a home that has been upgraded with spray foam, using that guideline typically results in oversizing.

Here is what oversizing appear like in the field:

Short run times

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

Uneven temperatures and hot spots



Spaces at the end of runs never ever get enough time with cold or warm air, so they lag behind. The system shuts down before the air has completely mixed.

Higher wear on equipment

Regular starts and stops are harder on motors and compressors than constant, moderate run time. That translates to shorter device life and more regular HVAC repair in Conway SC over the years.

For a home with spray foam insulation Conway SC, a correct Manual J load computation is not a high-end. It is a need. A good specialist will ask about current insulation upgrades before estimating a new unit, and will size the devices based on actual heat gain and loss, not on rough square video guesses.

What to get out of 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 significantly. A cautious homeowner learns to recognize the routines of a solid 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 see, they will determine static pressure, check air flow, verify refrigerant charge with superheat and subcooling, and inspect electrical components. Replacing parts by trial and error usually 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 ask about insulation or window upgrades. When spray foam insulation exists, they will take note of ventilation needs, attic temperature levels, and any previous humidity issues.

3. Document and interact clearly

You ought to see before and after numbers, images when appropriate, and an uncomplicated description of what failed and why. If every response includes a pricey replacement without numbers to back it up, you are not getting real diagnostics.

4. Offer choices, not ultimatums

A credible business discusses the instant repair, the medium term alternative, and the long term plan when appropriate. For example, they may fix 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 structure envelope

When there is spray foam or a sealed attic, cutting brand-new holes, venting combustion devices, or including exhaust fans without thought can develop pressure problems. A pro understands how to keep the envelope undamaged and balanced.

HVAC repair work versus replacement: how to consider the decision

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

Age of the system

When a system passes 12 to 15 years, it moves into the zone where large repairs take on the cost of replacement. Compressors and heat exchangers are the big-ticket failures. If one of 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 real conditions. New equipment, especially variable speed heat pumps, can push into the high teens or better. If your home now has upgraded insulation, the combination of lower load and higher efficiency frequently makes a compelling case for replacement.

Repair history

An occasional small part replacement is typical. Frequent blower motor failures, duplicated refrigerant leaks, and persistent control board issues point to systemic issues. Keep a record of repairs throughout a number of years. Seeing the pattern on paper helps you decide with a clear head rather than in the heat of the latest breakdown.

Comfort complaints

If you still have hot and cold rooms after duct changes and envelope improvements, or if humidity concerns continue in spite of affordable run times, that might indicate the incorrect type of system or a bad quality setup. Upgrading at that point is not practically efficiency. It has to do with getting the right tool for the job.

How spray foam and HVAC systems communicate over time

After spray foam insulation enters, the home behaves differently. Your HVAC system will reveal 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 actually preferable. It allows better dehumidification and more constant temperatures.

Duct leak ends up being more obvious

In a vented, leaking attic, a little duct leak just discards air into a space that is currently hostile. As soon as the attic is insulated and semi-conditioned, dripping ducts may develop unanticipated comfort patterns, like one room overcooling and another undercooling. The leakages did not appear overnight. The better envelope simply made their effect more visible.

Ventilation questions

Tightening the structure makes mechanical ventilation more crucial, particularly in newer construction with tight doors and windows. A contractor who comprehends both HVAC installation Conway SC and constructing science may advise an ERV or HRV, or at least regulated bathroom and cooking area exhaust methods. This keeps indoor air quality high while still profiting of a tight envelope.

Defrost cycles and winter season behavior

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

A basic property owner checklist for year-round performance

Here is a brief, useful 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, 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 access panels unlatched or damaged. One loose hatch can jeopardize a great deal of the air sealing gains.

3. Schedule annual HVAC service

Even high effectiveness systems need routine inspections for electrical connections, refrigerant charge, coil tidiness, and drainage. Discuss any modifications to your insulation or structure envelope considering that the last visit.

4. Watch for moisture and smell changes

Due to the fact that the home is tighter, moisture sources show up more plainly. Take note of moldy smells, fogged windows, or damp spots. Dealing with those early avoids both air quality concerns and stress on the HVAC.

5. Track your energy use

After spray foam insulation Conway SC work or a brand-new HVAC installation, compare your electric expenses year over year, adjusting psychologically for huge temperature differences. You need to see a meaningful decrease in total kWh, particularly in peak summertime and winter.

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

Many service calls start the exact same way. House owner look for HVAC repair near me, a technician shows up, and everybody focuses on the outside condenser or heater cabinet. The other side is that many insulation salespeople focus only on R-values and refunds, and hardly ask about the equipment.

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



If your home feels drafty, if the 2nd flooring is constantly hotter, or if your system never ever appears to turn off, it is worth asking the HVAC professional techhvac-foam.com [Spray Foam Insulation Conway SC](#) just how much of that is equipment and how much is the structure shell. Likewise, when hiring a business for spray foam insulation Conway SC tasks, ask how they collaborate with HVAC sizing and ventilation.

A few targeted concerns can reveal a lot:

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

Professionals who can answer those concerns with specifics, not vague assurances, are the ones who can help you genuinely seal, save, and stay comfortable.

Bringing it all together for Conway homes

In this region, convenience and efficiency are a joint task between the building envelope and the mechanical system. Quality spray foam insulation keeps the outside turmoil at bay. A well created, effectively maintained

HVAC system then works within that calmer environment, rather of fighting through leakages and severe attic temperatures.

A property owner in Conway who invests in both sides of that formula acquires more than lower bills. You get quieter rooms, less 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 method, you stop spending for mismatched fixes and start developing a home that works with the environment rather of versus it. That is the genuine payoff of sealing, conserving, and staying 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

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://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.