

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. Humid summertimes that linger into October, a couple of cold snaps in winter season, and salt-tinged air that never ever rather disappears. I have walked into a lot of houses around Horry County where the thermostat was doing its best, however the structure itself was working against it: dripping attic, under-insulated crawlspace, and an HVAC system battling a losing battle.

The reality is easy however frequently neglected. Your HVAC system and your insulation are part of the exact same convenience system. If one is weak, the other has to work more difficult, cost more, and stop working sooner.

This is where the combination of quality spray foam insulation and a reputable HVAC service in Conway SC ends up being effective. 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 comfort, and for how long the devices lasts.

Why sealing the home matters before updating HVAC

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

I keep in mind a home off Highway 501, roughly 2,000 square feet, with a fairly new 3.5 ton heatpump. The owners complained that your home never cooled uniformly and the system never turned off in August. The system had a look at fine. Pressures were good, refrigerant charge was appropriate, and airflow numbers were not bad. The real issue was in the attic: patchwork fiberglass insulation, huge spaces around every penetration, and a leaky gain access to hatch.

Once we air sealed and added spray foam insulation in the crucial locations, the very 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 unit was cycling off a lot more often.

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

The building envelope: your unnoticeable HVAC partner

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

Consider a common older home around Conway:

- Vented attic with loose-fill or batt insulation, typically irregular 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 warm summer day. Every leak pulls that superheated air into the home or into the duct system. Your air conditioning unit is essentially attempting to cool a moving target.

Spray foam insulation changes the dynamics. Closed cell or open cell foam applied to the roof deck and key air leak points converts that blistering attic into a semi-conditioned area. Temperature levels 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 behaves the same method in coastal South Carolina. We handle high humidity, strong sun, and frequent swings in between air conditioning and heating seasons. That mix punishes both badly insulated homes and minimal HVAC systems.

How spray foam carries out in practice

Properly set up spray foam insulation in Conway SC can provide 3 important benefits.



1. Air sealing and thermal resistance in one layer

Foam complies with framing and sheathing, filling cracks and joints that other products miss out on. Instead of having one item for R-value and another for air sealing, you get both in a single pass.

2. Moisture behavior fit 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 option between them depends upon roofing system style, existing products, and whether you have a history of roof leaks or condensation. There is no one-size option. A professional who understands the regional code and environment is crucial.

3. Quieter, more steady interiors

After a quality spray foam job, house owners typically discover how quiet their home becomes. Street noise drops, wind-driven rattles vanish, and indoor temperature tends to alter more slowly. That slower temperature level swing implies the HVAC system can cycle in a more controlled way rather 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 roof decks, but some areas consistently deliver better returns in the Conway area.



Attic roofing system deck

Spraying foam at the roof line develops an unvented attic. This keeps ducts inside the thermal envelope, lowers attic temperature levels significantly, and typically causes 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 lot of moisture and air leakage. That can minimize musty odors, stabilize floors, and take a problem off the air conditioning unit during damp months.

Garage walls and bonus rooms

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

Right-size HVAC: avoiding the "bigger is better" trap

Once the shell is enhanced, you have a possibility to right-size the HVAC system. Oversizing is among the most typical issues I see in HVAC installation around Conway SC, specifically in homes that have recently been tightened up.

The old guideline of a lot per 500 or 600 square feet is crude at best. It disregards insulation levels, window quality, shading, occupancy, and seepage. In [Spray Foam Insulation Conway SC](#) a home that has been upgraded with spray foam, using that guideline generally leads to oversizing.

Here is what oversizing looks like in the field:

Short run times

The thermostat is pleased too rapidly, so the system does not remain on enough time to pull moisture out of the air. The home feels cool but clammy, specifically throughout 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 shuts down before the air has totally mixed.

Higher wear on equipment

Frequent starts and stops are harder on motors and compressors than steady, moderate run time. That equates to much shorter devices 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 estimation is not a luxury. It is a need. An excellent professional will inquire about current insulation upgrades before pricing quote a brand-new system, and will size the devices based upon actual heat gain and loss, not on rough square footage guesses.

What to expect from a top-rated HVAC service Conway SC

There are lots of trucks with magnets that state "HVAC repair near me," however the quality of service differs considerably. A cautious property owner discovers 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 visit, they will determine static pressure, check airflow, verify refrigerant charge with superheat and subcooling, and inspect electrical parts. Changing parts by experimentation normally 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 notice of ventilation needs, attic temperatures, and any past humidity issues.

3. Document and communicate clearly

You should see before and after numbers, pictures when relevant, and a simple explanation of what stopped working and why. If every answer involves an expensive replacement without numbers to back it up, you are not getting genuine diagnostics.

4. Offer alternatives, not ultimatums

A trustworthy business describes the instant fix, the medium term choice, and the long term plan when appropriate. For example, they may repair a capacitor today, suggest duct sealing within six months, and discuss 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 new holes, venting combustion devices, or adding exhaust fans without thought can create pressure problems. A professional understands how to keep the envelope intact and balanced.

HVAC repair versus replacement: how to consider the decision

Few property owners are thrilled to hear they may need a brand-new system. The choice in between HVAC repair Conway SC and a complete replacement ought to be grounded in genuine 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 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 starts to look more attractive.

Efficiency gap

A twenty years of age system may be running at 8 to 10 SEER in genuine conditions. Brand-new equipment, particularly variable speed heat pumps, can press into the high teens or much better. If your home now has actually updated insulation, the mix of lower load and greater performance typically makes an engaging case for replacement.

Repair history

A periodic minor part replacement is regular. Frequent blower motor failures, duplicated refrigerant leaks, and persistent control panel issues indicate systemic problems. Keep a record of repair work across numerous years. Seeing the pattern on paper assists you decide with a clear head instead of in the heat of the latest breakdown.

Comfort complaints

If you still have cold and hot spaces after duct changes and envelope improvements, or if humidity concerns continue despite affordable run times, that might suggest the wrong kind of system or a bad quality setup. Updating at that point is not just about performance. It is about getting the right tool for the job.

How spray foam and HVAC systems interact over time

After spray foam insulation goes in, the home acts differently. Your HVAC system will show those changes best away.

Lower run time, higher part-load operation

If you have a variable speed system, it will invest more time at lower output phases. That is in fact preferable. It enables much better dehumidification and more consistent temperatures.

Duct leak ends up being more obvious

In a vented, dripping attic, a little duct leakage simply dumps air into a space that is already hostile. When the attic is insulated and semi-conditioned, dripping ducts might develop unforeseen comfort patterns, like one room overcooling and another undercooling. The leaks did not appear over night. The better envelope simply made their effect more visible.

Ventilation questions

Tightening the structure makes mechanical ventilation more crucial, specifically in more recent building and construction with tight windows and doors. A specialist who understands both HVAC installation Conway SC and constructing science might suggest 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.

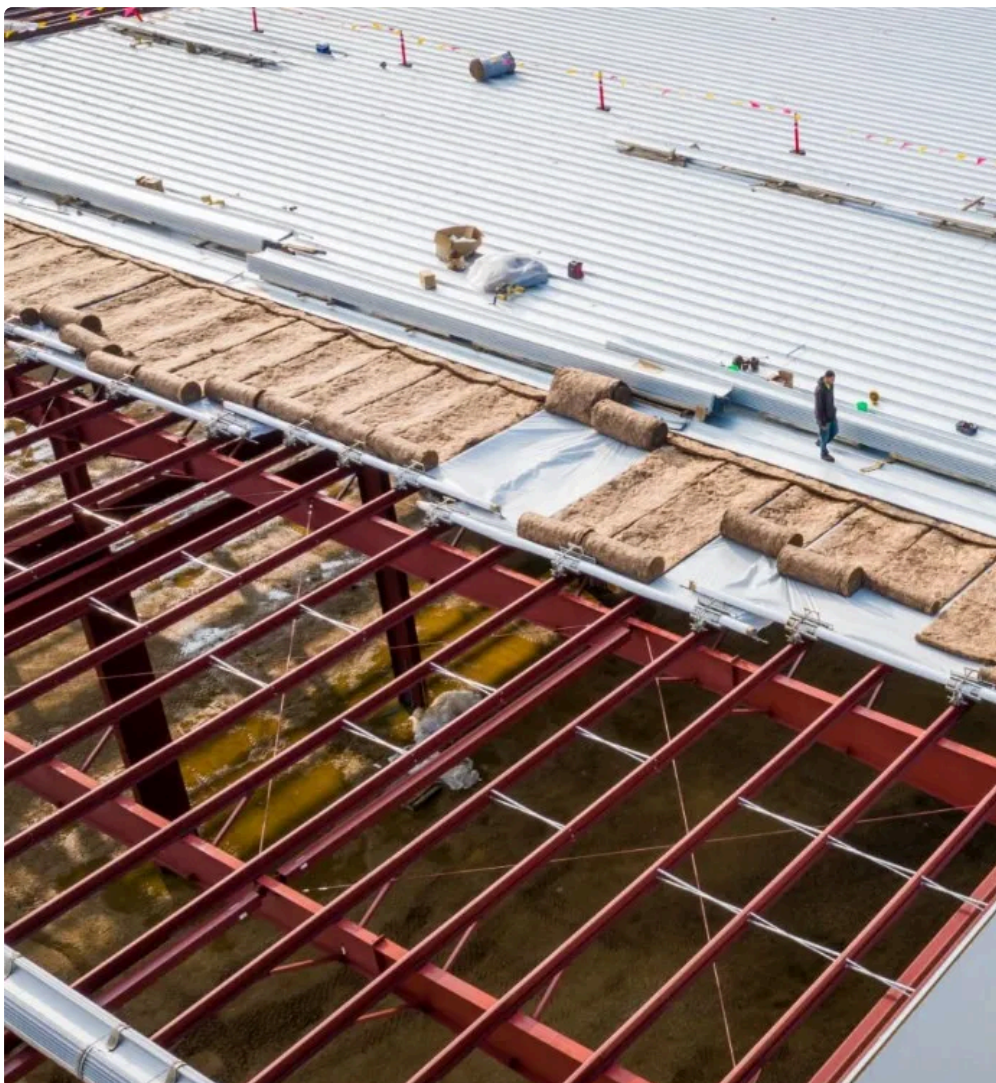
Defrost cycles and winter season behavior

On cold, wet early mornings, heat pumps occasionally 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 unit pauses heating briefly, the indoor temperature tends to remain steady.

A simple property owner checklist for year-round performance

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

1. Change or tidy filters consistently



Filthy filters choke airflow, drive up fixed 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 gain access to panels unlatched or harmed. One loose hatch can jeopardize a great deal of the air sealing gains.

3. Schedule yearly HVAC service

Even high effectiveness systems need routine inspections for electrical connections, refrigerant charge, coil cleanliness, and drain. Point out any modifications to your insulation or structure envelope because the last visit.

4. Watch for moisture and smell changes

Because the home is tighter, moisture sources show up more clearly. Take note of musty smells, fogged windows, or damp areas. Attending to those early avoids both air quality problems and pressure 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 big temperature level distinctions. You ought to see a meaningful reduction in overall kWh, especially in peak summer and winter.

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

Many service calls start the same way. Property owner look for HVAC repair near me, a specialist arrives, and everyone focuses on the outside condenser or heater cabinet. The other side is that lots of insulation salespeople focus just on R-values and refunds, and barely ask about the equipment.

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

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

A few targeted questions can expose a lot:

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

Professionals who can respond to those questions with specifics, not vague guarantees, are the ones who can help you truly seal, save, and stay comfortable.

Bringing it all together for Conway homes

In this region, comfort and performance are a joint task between the building envelope and the mechanical system. Quality spray foam insulation keeps the outside turmoil at bay. A well designed, appropriately preserved HVAC system then works within that calmer environment, instead of hammering out leakages and extreme attic temperatures.

A homeowner in Conway who buys both sides of that equation gains more than lower bills. You get quieter spaces, fewer temperature swings, better air quality, and devices that ages with dignity instead of burning itself out in half its possible lifespan.

If you approach HVAC service Conway SC and insulation upgrades as one collaborated technique, you stop paying for mismatched repairs and begin building a home that works with the environment instead of versus it. That is the real reward of sealing, conserving, and staying comfortable 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 seals building gaps

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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/>

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](#)

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