

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 everything from the weather condition. Humid summer seasons that stick around into October, a few cold snaps in winter season, and salt-tinged air that never quite disappears. I have walked into a lot of houses around Horry County where the thermostat was doing its finest, 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 become part of the same convenience system. If one is weak, the other has to work more difficult, cost more, and fail 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 building shell is sealed and the system is sized and set up correctly, the benefit appears in 3 places: your energy costs, your convenience, and for how long the equipment lasts.

Why sealing the home matters before updating HVAC

When someone calls trying to find 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 ever look past the devices 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 reasonably brand-new 3.5 heap heat pump. The owners complained that your house never ever cooled uniformly and the unit never shut off in August. The system took a look at fine. Pressures were excellent, refrigerant charge was correct, and air flow numbers were not bad. The genuine problem was in the attic: patchwork fiberglass insulation, huge spaces around every penetration, and a leaking gain access to hatch.

Once we air sealed and included spray foam insulation in the key locations, the very same HVAC system all of a sudden had a fair shot. Run time dropped, the second flooring lastly matched the very first floor, and the property owners began asking why their system was cycling off a lot more often.

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

The structure envelope: your invisible 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 actually needs to be and how often that devices has to run.

Consider a normal 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 hit 120 to 140 degrees on a warm summertime day. Every leak pulls that superheated air into the home or into the duct system. Your air conditioner is basically trying to cool a moving target.

Spray foam insulation changes the characteristics. Closed cell or open cell foam used to the roof deck and essential air leakage points transforms 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 operate in this climate

Not all insulation behaves the very same way in seaside South Carolina. We handle high humidity, strong sun, and frequent swings between air conditioning and heating seasons. That combination punishes both improperly insulated homes and marginal HVAC systems.

How spray foam performs in practice

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

1. Air sealing and thermal resistance in one layer

Foam adheres to framing and sheathing, filling cracks and seams 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 fit 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 option in between them depends upon roofing system design, existing materials, and whether you have a history of roofing leaks or condensation. There is no one-size solution. A professional who understands the local code and climate is crucial.

3. Quieter, more stable interiors

After a quality spray foam task, homeowners often discover how peaceful their home ends up being. Street noise drops, wind-driven rattles disappear, and indoor temperature level tends to alter more slowly. That slower temperature level swing means the HVAC system can cycle in a more regulated method rather 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 roof decks, however some areas consistently deliver better returns in the Conway area.

Attic roof deck

Spraying foam at the roofing system line produces an unvented attic. This keeps ducts inside the thermal envelope, lowers attic temperatures drastically, and frequently results in 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 [Spray Foam Insulation Conway SC](#) along encapsulated crawlspace walls can block a great deal of wetness and air leakage. That can decrease musty smells, support floors, and take a burden off the air conditioning system during humid months.

Garage walls and bonus offer rooms

Any space 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 all year, and the primary HVAC system will not be pulled out of balance trying to fix one problem room.

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

Once the shell is enhanced, you have a chance 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 recently been tightened up up.



The old rule of thumb of a heap per 500 or 600 square feet is crude at best. It overlooks insulation levels, window quality, shading, tenancy, and seepage. In a home that has actually been upgraded with spray foam, utilizing that rule typically leads to oversizing.

Here is what oversizing appear like in the field:

Short run times

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

Uneven temperature levels and hot spots

Rooms at the end of runs never get adequate time with cold or warm air, so they lag behind. The system turns off before the air has completely mixed.

Higher wear on equipment

Regular starts and stops are harder on motors and compressors than stable, moderate run time. That equates to shorter devices 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 luxury. It is a necessity. An excellent contractor will ask about current insulation upgrades before quoting a 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 plenty of trucks with magnets that say "HVAC repair near me," however the quality of service varies dramatically. A mindful house owner learns to acknowledge the routines 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 work visit, they will measure fixed pressure, check air flow, verify refrigerant charge with superheat and subcooling, and examine electrical parts. Replacing parts by trial and error typically ends with greater costs and repeat failures.

2. Look beyond the equipment

A skilled tech will open a return plenum cover, inspect duct insulation in the attic, and ask about insulation or window upgrades. When spray foam insulation exists, they will take note of ventilation requirements, attic temperatures, and any past humidity issues.

3. Document and interact clearly

You must see before and after numbers, pictures when pertinent, and an uncomplicated description of what failed 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 trustworthy company discusses the instant repair, the medium term option, and the long term plan when appropriate. For instance, they might fix a capacitor today, recommend duct sealing within 6 months, and talk about whether your older system deserves keeping for another season or two.

5. Respect the building envelope

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



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

Few house owners are thrilled to hear they may need a new system. The choice in between HVAC repair Conway SC and a full replacement should 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 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 system, replacement begins to look more attractive.

Efficiency gap

A twenty year old system might be running at 8 to 10 SEER in genuine conditions. New devices, especially variable speed heatpump, can push into the high teenagers or better. If your home now has actually updated insulation, the combination of lower load and greater effectiveness typically makes a compelling case for replacement.

Repair history

A periodic small part replacement is typical. Frequent blower motor failures, repeated refrigerant leakages, and persistent control panel issues point to systemic problems. Keep a record of repair work throughout numerous years. Seeing the pattern on paper assists you choose 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 modifications and envelope enhancements, or if humidity concerns persist regardless of affordable run times, that might suggest the wrong kind of system or a bad quality installation. Updating at that point is not almost effectiveness. It has to do with getting the best tool for the job.

How spray foam and HVAC systems communicate over time

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

Lower run time, higher 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 allows better dehumidification and more consistent temperatures.

Duct leakage becomes more obvious

In a vented, leaky attic, a little duct leakage merely dumps air into a space that is already hostile. When the attic is insulated and semi-conditioned, dripping ducts may develop unforeseen convenience patterns, like one space overcooling and another undercooling. The leakages did not appear overnight. The better envelope just made their impact more visible.

Ventilation questions

Tightening up the structure makes mechanical ventilation more important, particularly in more recent construction with tight windows and doors. A professional who understands both HVAC installation Conway SC and developing science might recommend an ERV or HRV, or a minimum of controlled restroom and cooking area exhaust methods. This keeps indoor air quality high while still reaping the benefits of a tight envelope.

Defrost cycles and winter behavior

On cold, moist early mornings, heat pumps periodically require to thaw. In a well insulated home, those defrost cycles are less obvious inside since the rate of heat loss is lower. Even if the outside unit pauses heating briefly, the indoor temperature tends to remain steady.

A basic homeowner list 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

Dirty filters choke airflow, increase 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 roofing line or encapsulated crawlspace walls, do not leave access panels unlatched or harmed. One loose hatch can compromise a great deal of the air sealing gains.

3. Schedule yearly HVAC service

Even high efficiency systems require regular evaluations for electrical connections, refrigerant charge, coil tidiness, and drainage. Mention any changes to your insulation or structure envelope since the last visit.

4. Watch for moisture and odor changes

Because the home is tighter, wetness sources appear more plainly. Focus on musty smells, fogged windows, or damp spots. Resolving those early avoids both air quality problems and strain on the HVAC.

5. Track your energy use

After spray foam insulation Conway SC work or a new HVAC installation, compare your electrical expenses year over year, changing mentally for huge temperature distinctions. You should see a meaningful decline in total kWh, specifically in peak summertime and winter.

When "HVAC repair near me" should consist of an insulation conversation

Many service calls start the very same method. Homeowner look for HVAC repair near me, a professional arrives, and everyone focuses on the outside condenser or heater cabinet. The other hand is that many insulation salesmen focus only on R-values and refunds, and barely ask about the equipment.

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

If your home feels drafty, if the second floor is constantly hotter, or if your unit never appears to shut off, it is worth asking the HVAC contractor just how much of that is equipment and how much is the building shell. Similarly, when employing a company 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 computation after insulation changes before quoting brand-new HVAC devices?
- How do you ensure ventilation is sufficient once your house is tighter?
- If ducts go through the attic, what is your method when transforming to an unvented roofing with foam?
- Will my existing devices size still be suitable after the insulation upgrade?

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

Bringing all of it together for Conway homes

In this area, comfort and efficiency are a joint task in between the building envelope and the mechanical system. Quality spray foam insulation keeps the outdoor turmoil at bay. A well developed, correctly maintained HVAC

system then works within that calmer environment, instead of hammering out leaks and severe attic temperatures.

A homeowner in Conway who invests in both sides of that formula gains more than lower costs. You get quieter rooms, less temperature swings, much better air quality, and equipment 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 method, you stop paying for mismatched fixes and begin developing a home that works with the climate instead of against it. That is the real 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 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](#)

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