

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 condition. Damp summertimes that stick around into October, a couple of cold snaps in winter season, and salt-tinged air that never ever rather disappears. I have actually strolled into lots of homes around Horry County where the thermostat was doing its best, however the structure itself was working versus it: dripping attic, under-insulated crawlspace, and an HVAC system fighting a losing battle.

The fact is easy however frequently ignored. Your HVAC system and your insulation are part of the exact same comfort system. If one is weak, the other needs to work harder, cost more, and stop working sooner.

This is where the mix of quality spray foam insulation and a trustworthy 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 payoff appears in three places: your energy bill, your convenience, and the length of time the equipment lasts.

Why sealing the home matters before upgrading HVAC

When someone calls trying to find HVAC repair near me, the very first instinct is to focus on the system outdoors or the air handler in the attic. Lots of techs never 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 relatively brand-new 3.5 load heat pump. The owners grumbled that the house never ever cooled evenly and the unit never ever shut off in August. The system had a look at fine. Pressures were good, refrigerant charge was right, and airflow numbers were not bad. The genuine issue was in the attic: patchwork fiberglass insulation, big spaces around every penetration, and a leaky access hatch.

Once we air sealed and included spray foam insulation in the crucial locations, the exact same HVAC system all of a sudden had a reasonable shot. Run time dropped, the 2nd floor finally matched the first floor, and the house owners began asking why their system was cycling off a lot more often.

The equipment did not change. The load on the home did.

The structure envelope: your undetectable HVAC partner

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

Consider a normal older home around Conway:

- Vented attic with loose-fill or batt insulation, often unequal and compressed
- Leaky ductwork going 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 bright summer season day. Every leakage pulls that superheated air into the home or into the duct system. Your air conditioning unit is essentially trying to cool a moving target.

Spray foam insulation changes the dynamics. Closed cell or open cell foam applied to the roofing system deck and crucial air leakage points transforms that blistering attic into a semi-conditioned space. Temperature levels 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 exact same way in seaside South Carolina. We deal with high humidity, strong sun, and frequent swings in between cooling and heating seasons. That combination penalizes both inadequately insulated homes and minimal HVAC systems.

How spray foam carries out in practice

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

1. Air sealing and thermal resistance in one layer

Foam sticks to framing and sheathing, filling fractures and joints that other items miss. Instead 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 enable assemblies to dry to the interior. Closed cell has a greater R-value per inch and functions as a vapor retarder. The choice between them depends upon roofing system style, existing products, and whether you have a history of roofing system leaks or condensation. There is no one-size solution. A professional who comprehends the regional code and climate is crucial.

3. Quieter, more stable interiors

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

Where foam pays off the most

I have seen foam utilized from crawlspace walls to roofing system decks, however some areas regularly deliver better returns in the Conway area.

Attic roofing deck

Spraying foam at the roofing system line develops an unvented attic. This keeps ducts inside the thermal envelope, decreases attic temperatures considerably, and typically 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 wetness and air leak. That can decrease musty smells, support floors, and take a concern off the ac system during damp months.

Garage walls and perk rooms

Any space above or beside an unconditioned garage is well-known for being either freezing or suppressing. Foam in the separating walls and floors changes that area into something functional year round, and the primary HVAC system will not be taken out of balance attempting to repair one issue room.

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

Once the shell is enhanced, you have an opportunity to right-size the HVAC system. Oversizing is one of the most typical issues I see in HVAC installation around Conway SC, especially in homes that have just recently been tightened up.

The old general rule of a heap per 500 or 600 square feet is crude at best. It overlooks insulation levels, window quality, shading, tenancy, and infiltration. In a home that has actually been updated with spray foam, using that guideline typically 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 however clammy, specifically during heavy humidity.

Uneven temperature levels and hot spots

Spaces at the end of runs never ever get adequate time with cold or warm air, so they drag. The system shuts off 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 equates to much shorter equipment life and more regular 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 high-end. It is a need. An excellent professional will inquire about recent insulation upgrades before quoting a brand-new unit, and will size the devices based upon actual heat gain and loss, not on rough square video guesses.

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

There are lots of trucks with magnets that say "HVAC repair near me," however the quality of service differs drastically. A cautious homeowner discovers to recognize 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 go to, they will measure static pressure, check air flow, verify refrigerant charge with superheat and subcooling, and check electrical elements. Replacing parts by experimentation normally ends with higher costs and repeat failures.

2. Look beyond the equipment

A skilled tech will open a return plenum cover, check duct insulation in the attic, and inquire about insulation or window upgrades. When spray foam insulation is present, they will take notice of ventilation needs, attic temperature levels, and any previous humidity issues.

3. Document and communicate clearly

You ought to see before and after numbers, images when appropriate, and a straightforward description of what failed and why. If every response involves a costly replacement without numbers to back it up, you are not getting genuine diagnostics.

4. Offer choices, not ultimatums

A trustworthy company describes the immediate repair, the medium term option, and the long term plan when proper. For example, they may repair a capacitor today, recommend duct sealing within 6 months, and discuss 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 brand-new holes, venting combustion home appliances, or adding exhaust fans without thought can produce pressure problems. A pro comprehends how to keep the envelope undamaged and balanced.

HVAC repair versus replacement: how to think of the decision

Few property owners are thrilled to hear they may need a brand-new system. The choice between HVAC repair Conway SC and a full replacement ought to be grounded in real numbers and context.

Age of the system

Once an unit passes 12 to 15 years, it moves into the zone where big repair work compete with 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 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 better. If your home now has actually updated insulation, the combination of lower load and higher efficiency often makes an engaging case for replacement.

Repair history

An occasional minor part replacement is normal. Regular blower motor failures, repeated refrigerant leaks, and chronic control board problems indicate systemic problems. Keep a record of repairs throughout numerous years. Seeing the pattern on paper helps you decide with a clear head instead of 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 concerns continue in spite of reasonable run times, that may indicate the wrong kind of system or a poor quality installation. Updating at that point is not almost performance. It is about 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 show those modifications ideal away.

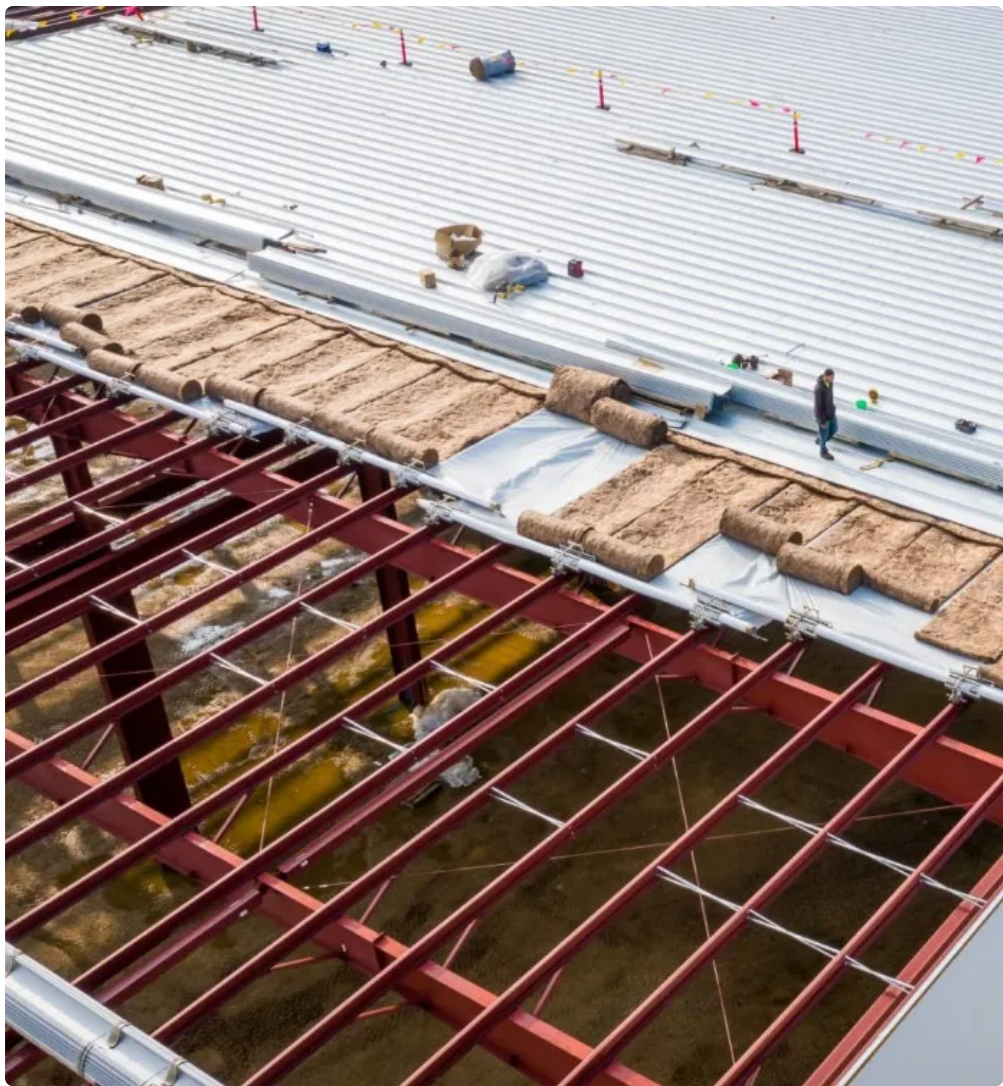
Lower run time, greater part-load operation

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

Duct leak becomes more obvious

In a vented, leaky attic, a little duct leak merely 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 space overcooling and another undercooling. The leaks did not appear overnight. The better envelope just made their effect more visible.

Ventilation questions



Tightening the building makes mechanical ventilation more vital, particularly in newer construction with tight doors and windows. A professional who comprehends both HVAC installation Conway SC and building science may recommend an ERV or HRV, or a minimum of regulated bathroom and cooking area exhaust strategies. This keeps indoor air quality high while still reaping the benefits of a tight envelope.

Defrost cycles and winter behavior

On cold, wet mornings, heatpump occasionally require to defrost. In a well insulated home, those defrost cycles are less noticeable 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 tends to remain steady.

A simple house owner list for year-round performance

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

1. Change or tidy filters consistently

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

3. Schedule yearly HVAC service

Even high performance systems need regular examinations for electrical connections, refrigerant charge, coil tidiness, and drainage. Discuss any changes to your insulation or structure envelope given that the last visit.

4. Watch for wetness and smell changes

Since the home is tighter, wetness sources show up more plainly. Take notice of 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 new HVAC installation, compare your electric bills year over year, adjusting mentally for huge temperature level distinctions. You must see a meaningful decline in overall kWh, specifically in peak summer season and winter.

When "HVAC repair near me" ought to include an insulation conversation

Many service calls begin the very same method. Homeowner searches for HVAC repair near me, a specialist gets here, and everybody focuses on the outside condenser or heater cabinet. The other hand is that lots of insulation salesmen focus just on R-values and rebates, and barely ask about the equipment.

The house owners who get the very best outcomes insist on linking those dots.

If your home feels drafty, if the 2nd flooring is always hotter, or if your system never ever seems to shut down, it deserves asking the HVAC specialist just how much of that is equipment and how much is the building shell. Likewise, when employing a company for spray foam insulation Conway SC jobs, [HVAC Installation Conway SC](#) 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 new HVAC devices?
- How do you ensure ventilation is sufficient once the house is tighter?
- If ducts run through the attic, what is your technique when converting to an unvented roof with foam?
- Will my existing equipment size still be appropriate after the insulation upgrade?

Professionals who can answer those questions with specifics, not vague guarantees, are the ones who can assist you really seal, save, and stay comfortable.

Bringing everything together for Conway homes

In this region, convenience and performance are a joint project in between the structure envelope and the mechanical system. Quality spray foam insulation keeps the outdoor chaos at bay. A well created, appropriately maintained HVAC system then works within that calmer environment, rather of hammering out leakages and extreme attic temperatures.

A property owner in Conway who purchases both sides of that equation acquires more than lower expenses. You get quieter rooms, fewer temperature swings, better air quality, and equipment that ages gracefully instead of burning itself out in half its possible lifespan.

If you approach HVAC service Conway SC and insulation upgrades as one coordinated technique, you stop paying for mismatched fixes and begin building a home that works with the environment instead of versus it.

That is the genuine reward of sealing, conserving, and remaining 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 services residential properties

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Tech Service Heating Cooling and Spray Foam installs ventilation systems

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

[Bonfire Taqueria](#) benefits from professional Air Conditioning Installation and Heating Systems Repairs that support guest comfort through Reliable Service.