

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. Damp summers that remain into October, a couple of cold snaps in winter, and salt-tinged air that never quite disappears. I have strolled into plenty of homes around Horry County where the thermostat was doing its finest, however the structure itself was working versus it: leaky attic, under-insulated crawlspace, and an HVAC system battling a losing battle.

The truth is easy however typically ignored. Your HVAC system and your insulation become part of the exact same convenience system. If one is weak, the other needs to work more difficult, cost more, and fail 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 building shell is sealed and the system is sized and installed properly, the benefit appears in 3 locations: your energy costs, your comfort, and the length of time the devices lasts.

Why sealing the home matters before updating HVAC

When someone calls trying to find HVAC repair near me, the first impulse is to concentrate on the system 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 keep in mind a home off Highway 501, roughly 2,000 square feet, with a fairly brand-new 3.5 ton heatpump. The owners complained that your house never cooled equally and the system never turned off in August. The system had a look at fine. Pressures were excellent, refrigerant charge was correct, and air flow numbers were okay. The genuine problem remained in the attic: patchwork fiberglass insulation, huge spaces around every penetration, and a leaking 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 reasonable shot. Run time dropped, the 2nd floor finally matched the very first flooring, and the house owners began asking why their unit was cycling off so much more often.

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

The structure envelope: your invisible 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 needs to be and how typically that equipment needs to run.

Consider a normal older home around Conway:

- Vented attic with loose-fill or batt insulation, frequently 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 warm summer season day. Every leak pulls that superheated air into the home or into the duct system. Your ac system is basically trying to cool a moving target.

Spray foam insulation changes the dynamics. Closed cell or open cell foam applied to the roof deck and crucial air leak points converts that blistering attic into a semi-conditioned space. Temperatures 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 way in seaside South Carolina. We handle high humidity, strong sun, and regular swings between a/c and heating seasons. That mix penalizes both improperly insulated homes and marginal HVAC systems.

How spray foam carries out in practice

Properly installed spray foam insulation in Conway SC can provide 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 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 permit assemblies to dry to the interior. Closed cell has a higher R-value per inch and functions as a vapor retarder. The option in between them depends upon roofing system style, existing materials, and whether you have a history of roofing leakages or condensation. There is no one-size solution. A professional who understands the local code and environment is crucial.

3. Quieter, more stable interiors

After a quality spray foam job, house owners typically notice how peaceful their home becomes. Street sound drops, wind-driven rattles disappear, and indoor temperature level tends to change more slowly. That slower temperature level 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 pays off the most

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

Attic roofing system deck

Spraying foam at the roof line produces an unvented attic. This keeps ducts inside the thermal envelope, decreases attic temperatures considerably, and often leads to 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 leak. That can decrease musty odors, stabilize floorings, and take a burden off the air conditioner during humid months.

Garage walls and perk rooms

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

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

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

The old rule of thumb of a ton per 500 or 600 square feet is unrefined at finest. It ignores insulation levels, window quality, shading, tenancy, and infiltration. In a home that has been upgraded with spray foam, using that guideline typically leads to oversizing.

Here is what oversizing appear like in the field:

Short run times

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

Higher wear on equipment

Regular starts and stops are harder on motors and compressors than consistent, moderate run time. That translates to 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 calculation is not a high-end. It is a requirement. A good contractor will inquire about recent insulation upgrades before pricing quote a brand-new unit, and will size the devices based upon real heat gain and loss, not on rough square video guesses.

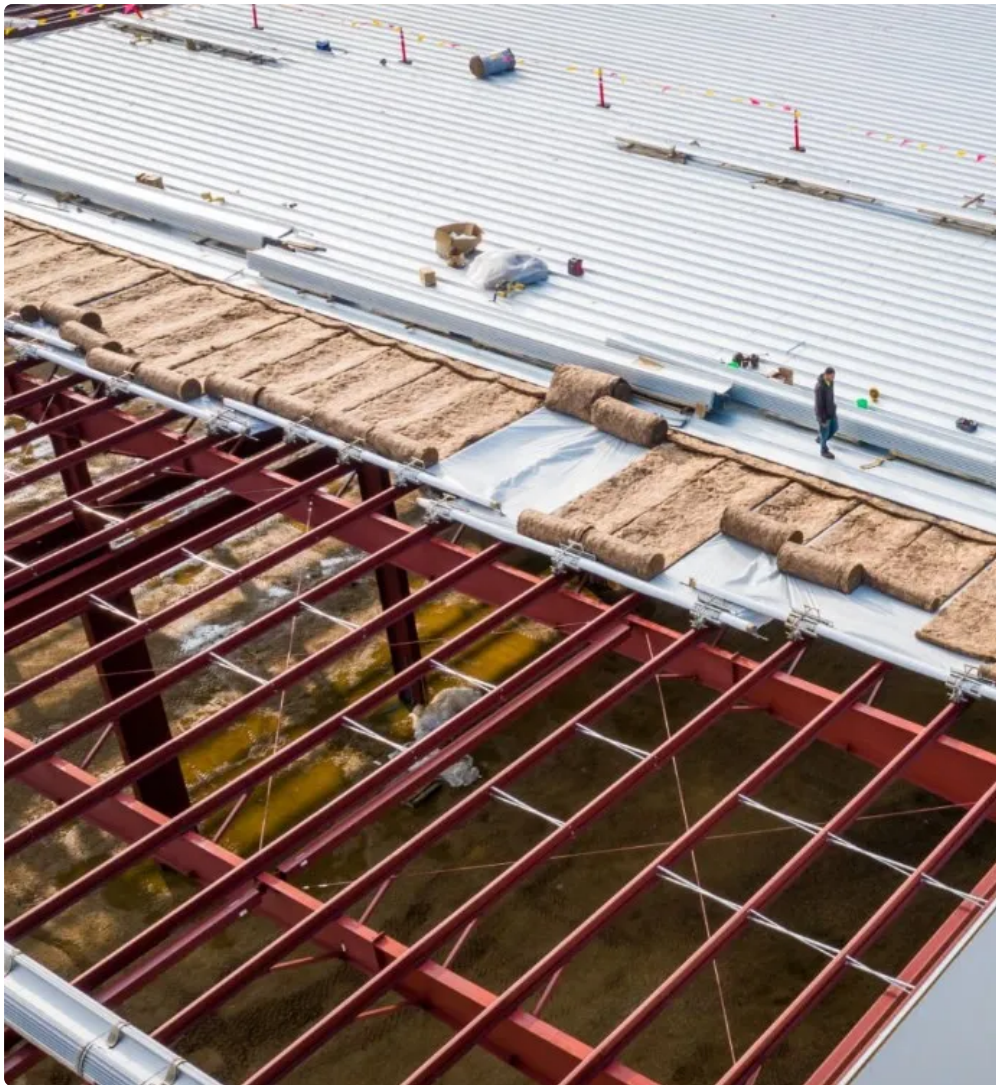
What to get out of a premier HVAC service Conway SC

There are plenty of trucks with magnets that state "HVAC repair near me," however the quality of service varies drastically. A mindful homeowner learns to acknowledge the practices 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 determine static pressure, check airflow, validate refrigerant charge with superheat and subcooling, and check electrical components. Replacing parts by trial and error typically ends with higher costs and repeat failures.



2. Look beyond the equipment

A seasoned 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 focus on ventilation requirements, attic temperature levels, and any past humidity issues.

3. Document and interact clearly

You need to see before and after numbers, photos when relevant, and a straightforward description of what stopped working and why. If every answer includes a pricey replacement without numbers to back it up, you are not getting real diagnostics.

4. Offer options, not ultimatums

A credible company explains the immediate repair, the medium term option, and the long term plan when suitable. For example, they might repair a capacitor today, advise duct sealing within 6 months, and talk

about whether your older system deserves keeping for another season or two.

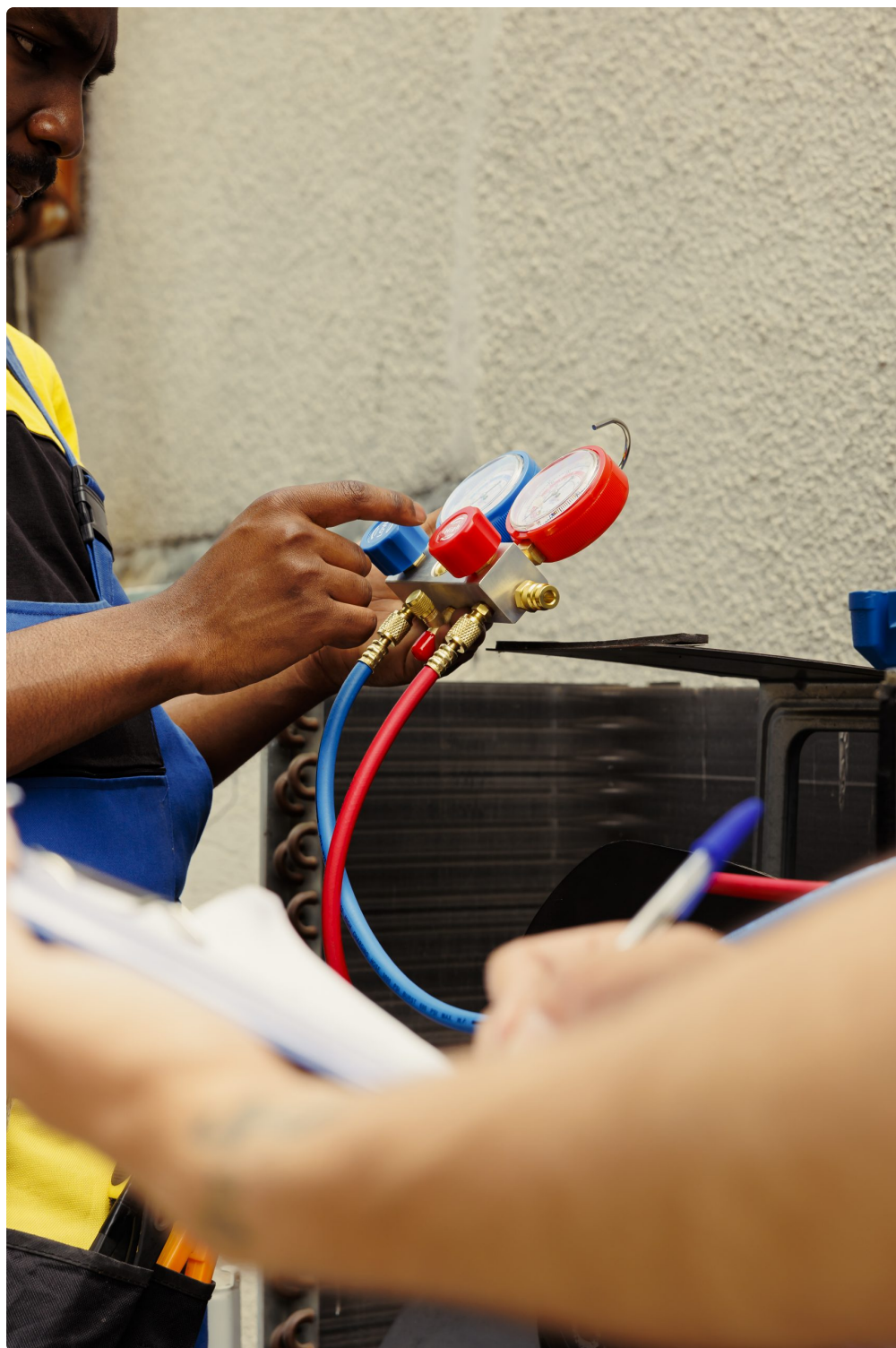
5. Respect the structure envelope

When there is spray foam or a sealed attic, cutting brand-new holes, venting combustion home appliances, or including exhaust fans without idea can produce pressure problems. A pro understands how to keep the envelope intact and balanced.

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

Few house owners are delighted to hear they may require a [HVAC Service Conway SC](#) brand-new system. The choice between HVAC repair Conway SC and a complete 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 big repair work compete with 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 genuine conditions. New equipment, specifically variable speed heatpump, can push into the high teenagers or better. If your home now has updated insulation, the mix of lower load and greater efficiency typically makes an engaging case for replacement.

Repair history

A periodic minor part replacement is normal. Frequent blower motor failures, duplicated refrigerant leaks, and persistent control panel concerns point to systemic problems. Keep a record of repairs across several years. Seeing the pattern on paper helps you decide with a clear head rather than in the heat of the most recent breakdown.

Comfort complaints

If you still have hot and cold rooms after duct changes and envelope improvements, or if humidity issues persist in spite of reasonable run times, that may show the incorrect kind of system or a poor quality setup. Updating at that point is not just about effectiveness. It is about getting the right tool for the job.

How spray foam and HVAC systems engage over time

After spray foam insulation enters, the home behaves differently. Your HVAC system will show those changes best away.

Lower run time, greater part-load operation

If you have a variable speed system, it will invest more time at lower output phases. That is really desirable. It enables much better dehumidification and more constant temperatures.

Duct leak becomes more obvious

In a vented, leaky attic, a little duct leak merely dumps air into an area that is already hostile. When the attic is insulated and semi-conditioned, leaking ducts might develop unexpected convenience patterns, like one space overcooling and another undercooling. The leaks did not appear overnight. The better envelope just made their impact more visible.

Ventilation questions

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

Defrost cycles and winter behavior

On cold, moist mornings, heat pumps occasionally need 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 outdoor system pauses heating briefly, the indoor temperature tends to stay steady.

An easy house owner list for year-round performance

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

1. Change or tidy filters consistently



Dirty filters choke airflow, drive up static pressure, and can freeze coils. With spray foam and a tight home, air flow balance matters even more.

2. Keep attic and crawlspace gain access to sealed

If you have spray foam at the roofing line or encapsulated crawlspace walls, do not leave access panels unlatched or damaged. One loose hatch can compromise a lot of the air sealing gains.

3. Schedule yearly HVAC service

Even high effectiveness systems require regular examinations for electrical connections, refrigerant charge, coil tidiness, and drainage. Discuss any modifications to your insulation or building envelope since the last visit.

4. Watch for wetness and odor changes

Since the home is tighter, wetness sources show up more clearly. Take note of moldy smells, fogged windows, or damp areas. Resolving those early avoids both air quality problems 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 electrical expenses year over year, adjusting psychologically for huge temperature level distinctions. You must see a meaningful decrease in overall kWh, specifically in peak summer and winter.

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

Many service calls start the same method. House owner look for HVAC repair near me, a professional shows up, and everyone concentrates on the outside condenser or furnace cabinet. The other hand is that lots of insulation salesmen focus just on R-values and rebates, and hardly inquire about the equipment.

The homeowners who get the best results insist on linking those dots.

If your home feels drafty, if the second flooring is constantly hotter, or if your system never appears to shut down, it is worth asking the HVAC contractor just how much of that is equipment and how much is the structure shell. Similarly, when working with a company for spray foam insulation Conway SC projects, ask how they coordinate with HVAC sizing and ventilation.

A few targeted concerns can reveal a lot:

- Do you run a load computation after insulation modifications before estimating brand-new HVAC equipment?
- How do you guarantee ventilation is sufficient once your home 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 appropriate after the insulation upgrade?

Professionals who can respond to those concerns with specifics, not unclear assurances, are the ones who can help you really seal, conserve, and remain comfortable.

Bringing all of it together for Conway homes

In this area, comfort and performance are a joint task between the structure envelope and the mechanical system. Quality spray foam insulation keeps the outside mayhem at bay. A well designed, properly kept HVAC system then works within that calmer environment, instead of hammering out leaks and extreme attic temperatures.

A house owner in Conway who buys both sides of that equation acquires more than lower costs. You get quieter spaces, less temperature swings, much 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 method, you stop spending for mismatched repairs and begin constructing a home that deals with the climate rather of against it. That is the genuine benefit of sealing, saving, 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

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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

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 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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