

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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If you reside in or around Conway, you already understand our weather does not baby your home. Clammy summertimes, an unexpected number of chilly damp nights, salt in the air from the coast, and more than a few heavy-rain occasions every year. That mix is difficult on both your HVAC system and your structure shell.

I have strolled into a lot of Conway homes where the thermostat is fighting a losing fight. The air conditioning unit runs continuously yet the perk room is still sticky. The gas or heatpump system has a hard time in January even though the expense looks more like February in Ohio. In many of those homes, the issue is not simply the equipment. It is the shell of your home, the way it leaks air, and the method the ductwork is buried in attics that seem like a sauna in August.

Two things make the biggest distinction when you wish to go from drafty to really comfortable: trusted HVAC service and much better insulation. In this location, spray foam insulation and solid HVAC repair or HVAC installation in Conway SC often work together. If you only repair one without thinking about the other, you leave comfort and money on the table.

Why Conway homes feel breezy even when the system "works"

Most individuals require HVAC Repair Conway SC since something is certainly wrong. The system is not cooling, the air handler is loud, or the outdoors condenser will not start. But a lot of systems in Horry County are running in that gray location in between "damaged" and "right." They turn on, they cycle, they respond to the thermostat, yet certain rooms never feel good.

In this area, three patterns show up once again and again.

First, we see long, poorly sealed duct runs in hot attics. A 140 degree attic is not unusual here in July. If your supply duct is laid across that attic with leaking joints, the air leaving your vents can be 5 to 15 degrees warmer than what the air handler produced. By the time it reaches the far bedrooms, the system has actually currently lost the battle.

Second, we see thin or patchy attic insulation. Many houses are resting on R-13 to R-19 up leading, when code-minimum for new building and construction is greater and finest practice in our environment is higher still. Blown fiberglass or cellulose tends to get pushed around by previous trades, rodents, or DIY cable runs. Gaps and low areas end up being unnoticeable highways for heat.

Third, we see building shells that have lots of little cracks. Spaces around recessed lights, plumbing penetrations, top plates, and attic access doors all amount to a stack effect in winter season and a kind of slow, continuous seepage in summer season. Your air conditioning system or heat pump winds up treating outside air as much as conditioned indoor air.

The outcome is a home that is never ever quite comfy, and a system that runs even more typically than it should. That is where Spray Foam Insulation Conway SC can be a video game changer, especially when you collaborate it with a thoughtful HVAC Service Conway SC rather than treating them as two unrelated projects.

What spray foam in fact provides for comfort and HVAC performance

Spray foam has a credibility as the "fancy" insulation, which makes some house owners suspicious. The genuine value is not the marketing, it is the physics. Closed-cell and open-cell spray polyurethane foams both do two important things in one step: they insulate and they air seal.

Where batts or loose fill only slow heat transfer, spray foam likewise stops air from moving through those cracks that make your house feel drafty. That matters more in Conway than many people realize.

When we apply spray foam to the roofing deck in an attic, for example, we frequently convert a 125 to 140 degree area into a 85 to 95 degree semi-conditioned space in summer. That lower attic temperature suggests:

- Ductwork is no longer attempting to push 55 degree air through a superheated tunnel.
- The air handler, if it is in the attic, no longer bakes in the heat, which extends its life.
- The temperature distinction between rooms below the attic starts to even out.

It also changes how we create HVAC Installation Conway SC. Once the building shell resists both heat and air seepage much better, you often do not need as big a system as the original home builder installed. Right-sizing becomes possible rather of a guess.

From a lived experience viewpoint, property owners typically notice three useful modifications after spray foam if their HVAC is tuned properly:

They lower the thermostat in summer less frequently due to the fact that the air feels less sticky and the temperature level is more even.

They stop hearing "my space is too hot" from whoever sleeps in the room over the garage.

They see the system cycle off more and perform at a lower, steadier pace rather than roaring to life every 10 minutes.

The crucial expression in there is "if their HVAC is tuned properly." Insulation and HVAC connect. You will not get the full payoff from Spray Foam Insulation Conway SC if your system is large, undercharged, or improperly ducted.

Matching HVAC design to a tighter, better-insulated home

I have seen lots of homes where someone did a fantastic job spraying foam, but the existing HVAC system was never adjusted or examined. The devices then encounters a various issue: short cycling.

If you tighten and insulate your house without reassessing HVAC, two things typically take place:

The existing system can be extra-large relative to the brand-new load, so it satisfies the thermostat quickly then shuts off. That provides you brief bursts of extremely cold air, not steady convenience, and it can stop working to dehumidify appropriately.

The blower settings and airflow may no longer match what the ducts and spaces require. You get whistling vents, loud returns, and uneven air circulation even though the walls and roofing are now better.

That is why any responsible HVAC Service Conway SC should treat a major insulation upgrade as a trigger to review system sizing and air flow. That does not always mean new devices. Sometimes it suggests changing fan speeds, changing charge, including or resizing returns, or stabilizing dampers.

If you are building brand-new or doing a heavy renovation, the smartest series is:

Spray foam or other envelope enhancements are planned and defined initially.

A Manual J load computation is pursued those envelope specs are set, not in the past.

The HVAC professional then sizes and styles ductwork and equipment based on the tighter envelope, not on a rough square foot rule of thumb.

When it works this way, you typically wind up with a smaller sized tonnage system, a quieter home, and lower energy costs. I have actually seen 2,400 square foot Conway homes carry out perfectly on a well-designed 2.5 ton or 3 heap system once the attic and walls were attended to, where older, leakier homes the exact same size had a hard time even with 4 tons.

When quick "HVAC repair near me" is the best call

There is a time to think broad view, and a time to get the system limping again before everyone in your house mutinies from the heat. During a July heat wave, the majority of people are typing "HVAC repair near me" into their phones because they need cold air in the next couple of hours, not a building science seminar.

If your system has actually stopped working outright or is blowing warm air, start with emergency situation service. Trusted HVAC Repair Conway SC providers understand that triage precedes. When the basic function is restored and the house is manageable, that is when it pays to ask higher level questions.

Fast repair work is the best move when:

You hear grinding or shrieking from the air handler or condenser. Mechanical sounds can rapidly turn a repair work into a complete replacement.

You smell electrical burning or see smoke. Shut it down and call. That is not a "wait and watch" scenario.

Your thermostat is requiring cooling, but the outside unit is silent and you have actually currently checked the breaker.

The system freezes into a block of ice and you have water leaking where it needs to not be.

A useful way to mix short term needs with long term thinking is basic: when the tech has the system open, utilize that check out to get a snapshot of the whole system. Ask whether the ductwork, insulation, and devices size look

sensible for your house. A fifteen minute conversation while they are already on site can save you thousands in bad moves over the next few years.

How spray foam and HVAC together alter humidity control

Residents of Conway talk about temperature, but the real convenience villain in summer season is humidity. You can stroll into a house reading 74 degrees on the thermostat that still feels swampy and uneasy. That is usually a sign the system is not removing adequate moisture, or your house is pulling clammy air in from outdoors faster than the HVAC can dry it.

Spray foam helps humidity in two methods. It reduces the flow of warm, damp outside air into the building cavities, and it tempers the attic so ducts and air handlers do not sweat as much. Less infiltration suggests less latent load on the system.

On the HVAC side, humidity control is mainly about:

Equipment sizing. If the system is too large, it short cycles and never runs enough time to wring out wetness.

Airflow rate. Too much air flow per heap can decrease dehumidification since the air does not invest adequate time on the coil.

Run technique. Variable speed systems that can run longer at low speed tend to do effectively in our climate.

When we integrate Spray Foam Insulation Conway SC with a right-sized variable speed system, you can generally feel the distinction. Homeowners inform me they conveniently set the thermostat 2 degrees greater due to the fact that the air feels drier and more steady. That is not just a comfort upgrade, it is an energy savings multiplier.



When a repair work suffices and when HVAC installation makes more sense

At some point in every system's life, you hit a fork in the roadway. Put more cash into another repair, or start fresh with brand-new HVAC installation Conway SC. That choice is rarely as easy as age alone, though age matters.

Some of the questions I stroll customers through:

How old is the equipment, and how has it been kept? A 15 years of age system with little maintenance and R-22 refrigerant that now has a compressor problem is a bad prospect for major repair work. A 9 year old system with clean service records and a small blower issue is still worth purchasing.

What has changed in your house? If you have included spray foam, changed windows, ended up a perk space, or enclosed a deck, the original load estimation is no longer precise. That prefers replacement with a correctly sized brand-new system.

How have your energy costs trended? If power costs are up 10 percent however your bill is up 40 percent, something is deteriorating in the system's effectiveness, often beyond what a basic repair work can fully solve.

There are times when we intentionally pair a moderate repair work now with a planned replacement next year, especially if a major insulation or remodelling task is on the calendar. Keeping an old system alive through another season while you coordinate spray foam and other shell upgrades can be smarter than dropping in a brand name new system that will be incorrectly sized for the future house.

What to get out of professional HVAC Service Conway SC

The quality of the work typically matters more than the brand name on the box. In this market, most of the major manufacturers provide good equipment. What separates one home's experience from another's is how smartly the system is selected, installed, and serviced.

On the service side, whether you are requiring routine maintenance or immediate repair work, a professional visit normally has a few hallmarks.

You should see fundamental safety and performance checks, not just a quick refrigerant top-off. That means examining electrical connections, capacitors, fixed pressure, temperature level split throughout the coil, and condensate drainage.

The tech should be willing to discuss what they see and what they advise, in plain language. If they only speak in brand and vague reassurances, push for numbers and specifics.

They should ask you a minimum of one or two questions about convenience problems, not just whether the system switches on. Good service techs listen for tips about duct issues, zoning problems, and insulation gaps.

For homeowners, a yearly or twice-yearly maintenance plan is not just an earnings stream for the professional. Many failures we see throughout the hottest or coldest weeks of the year were preventable with earlier attention: weak capacitors, unclean coils, blocked drains, or low refrigerant from a tiny leakage left unchecked.

Talking insulation with your HVAC contractor

Even though HVAC and insulation typically come from different contractors, they ought to not live in various mental silos. When you are planning Spray Foam Insulation Conway SC, loop your HVAC pro in early. A quick back-and-forth in between the foam installer and HVAC contractor can avoid issues such as:

Encapsulating an attic without attending to appropriate ventilation of combustion appliances. Gas heaters or hot water heater that vent into a now-tighter space need cautious review.

Burying junction boxes or mechanical gain access to points under foam that will clearly need service later on.

Leaving existing attic ventilation open while spraying the roofing system deck, which can produce moisture and condensation issues.

The finest jobs I have actually been involved with appeared like a three-way collaboration in between property [HVAC Installation Conway SC](#) [techhvac-foam.com](#) owner, insulation professional, and HVAC company. The homeowner described what felt incorrect in your home, the foam team explained what parts of the envelope they would change, and the HVAC group then reconsidered loads and airflow so the system could take advantage of the improved shell.

Simple checks before you call for repair

Sometimes the difference in between a service call and a diy repair is one minute of attention. These fast checks will not change professional HVAC Repair Conway SC work when there is a genuine failure, however they can conserve you the shame of an avoidable call.

Here is a list of things to confirm:

1. Check the breaker and any outside disconnect to be sure the unit has power, especially after storms or electrical work.
2. Make sure the thermostat settings have not been bumped to "heat" or "off," and that any schedule or holiday mode is not the genuine culprit.
3. Replace or clean the air filter if it is noticeably unclean or if you can not see light through it. A clogged filter can journey safeties and cause bad efficiency.
4. Look at the outdoor unit to see if it is buried in leaves, yard clippings, or other debris that can choke air flow.
5. Check for water around the indoor unit or in the drain pan that might suggest a stopped up condensate line triggering a float switch.

If those basic steps do not bring the system back to typical habits, it is time to call a professional. Keep in mind that duplicated tripping of breakers, unusual noises, or burning smells are "stop and call" occasions, not something to evaluate repeatedly.

Questions to ask when picking an HVAC or spray foam contractor

You do not require to be a mechanical engineer to vet a professional, but a few targeted questions expose a lot about how they work. These apply whether you are looking for "HVAC repair near me" or looking for a crew to handle Spray Foam Insulation Conway SC.

Consider asking:

1. How will you figure out the ideal system size or foam density for my home, specifically in Conway's environment?
2. Do you carry out or depend on Manual J/ Manual D estimations, or do you size based on square footage and guidelines?
3. How will this work affect humidity control and indoor air quality, and what steps do you require to resolve those?
4. For spray foam, what is your prepare for ventilation, existing combustion home appliances, and future access to mechanicals?
5. For HVAC installation, how do you evaluate the last system - do you check fixed pressure, measure air flow, and verify refrigerant charge against manufacturer specs?

Clear, positive responses in plain language are an excellent sign. Unclear guarantees or defensiveness are not.



Bringing all of it together for a more comfy Conway home

If your house feels drafty, rooms swing hot and cold, or your power costs keeps climbing up, you do not have to accept that as just part of living near the coast. The combination of thoughtful HVAC Service Conway SC and thoroughly prepared spray foam or other insulation upgrades can reshape how your home acts in our climate.



Start where the discomfort is sharpest. If the system is down, get HVAC Repair Conway SC on the calendar and bring back function. While the tech exists, start the conversation about the larger picture: duct design, attic conditions, insulation levels, and possible enhancements. If you are preparing spray foam, pull your HVAC professional into that conversation before the first pipe is unrolled.

Comfort, performance, and dependability are not mishaps. They come from looking at your home as a system, not a collection of gadgets. In Conway, that means appreciating the humidity, respecting the heat, and using both spray foam insulation and clever HVAC installation to work with, not against, the local climate. When those pieces line up, you feel it every time you stroll in the door, and you see it every month when the energy expense arrives.

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 provides reliable service
Tech Service Heating/Cooling & Spray Foam has a phone number of (843) 488-1571
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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>
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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](#)

You might take a short drive to the [Horry County Museum](#). The Horry County Museum reflects how HVAC services, Spray Foam Insulation, and Heating Systems Repairs help preserve exhibits through Reliable Service and Quality Workmanship.