

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 currently understand our weather does not infant your home. Clammy summertimes, a surprising variety of cold wet 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 building shell.

I have actually strolled into a lot of Conway homes where the thermostat is battling a losing battle. The a/c runs continuously yet the reward room is still sticky. The gas or heat pump system has a hard time in January even though the expense looks more like February in Ohio. In many of those homes, the problem is not just the devices. It is the shell of the house, the method it leakages air, and the method the ductwork is buried in attics that feel like a sauna in August.

Two things make the biggest difference when you want to go from drafty to truly comfy: dependable HVAC service and much better insulation. In this area, spray foam insulation and solid HVAC repair or HVAC installation in Conway SC often go hand in hand. If you just repair one without thinking about the other, you leave convenience and money on the table.

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

Most people require HVAC Repair Conway SC since something is obviously incorrect. The system is not cooling, the air handler is noisy, or the outside condenser will not begin. However a great deal of systems in Horry County are running in that gray area between "damaged" and "right." They turn on, they cycle, they respond to the thermostat, yet specific spaces never feel good.

In this area, 3 patterns appear again and again.

First, we see long, inadequately sealed duct runs in hot attics. A 140 degree attic is not unusual here in July. If your supply duct is laid throughout 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 already lost the battle.

Second, we see thin or irregular attic insulation. Lots of homes are resting on R-13 to R-19 up top, when code-minimum for brand-new building and construction is greater and best practice in our environment is greater still. Blown fiberglass or cellulose tends to get pushed around by previous trades, rodents, or do it yourself cable television runs. Spaces and low areas become undetectable highways for heat.

Third, we see building shells that are full of little cracks. Spaces around recessed lights, plumbing penetrations, leading plates, and attic access doors all amount to a stack effect in winter and a type of slow, consistent seepage in summertime. Your air conditioning unit or heat pump winds up treating outside air as much as conditioned indoor air.

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

What spray foam actually does for comfort and HVAC performance

Spray foam has a reputation as the "elegant" 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 crucial things in one action: they insulate and they air seal.

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

When we use spray foam to the roofing deck in an attic, for instance, we frequently transform a 125 to 140 degree space into a 85 to 95 degree semi-conditioned area in summertime. That lower attic temperature level indicates:

- Ductwork is no longer trying to press 55 degree air through a superheated tunnel.
- The air handler, if it remains in the attic, no longer bakes in the heat, which extends its life.
- The temperature distinction in between spaces below the attic begins to even out.

It also alters how we create HVAC Installation Conway SC. As soon as the structure shell resists both heat and air infiltration better, you frequently do not need as big a system as the initial home builder set up. Right-sizing ends up being possible instead of a guess.



From a lived experience standpoint, property owners usually observe 3 useful changes after spray foam if their HVAC is tuned correctly:

They lower the thermostat in summer less frequently because the air feels less sticky and the temperature level is more even.

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

They see the system cycle off more and perform at a lower, steadier rate instead of roaring to life every 10 minutes.

The essential expression in there is "if their HVAC is tuned correctly." Insulation and HVAC engage. You will not get the full benefit from Spray Foam Insulation Conway SC if your system is large, undercharged, or poorly ducted.

Matching HVAC design to a tighter, better-insulated home

I have seen plenty of houses where somebody did an excellent task spraying foam, but the existing HVAC system was never ever changed or evaluated. The device then faces a various problem: short cycling.

If you tighten up and insulate the house without rethinking HVAC, two things often happen:

The existing system can be extra-large relative to the brand-new load, so it satisfies the thermostat rapidly then shuts down. That provides you short bursts of very cold air, not constant convenience, and it can stop working to dehumidify correctly.

The blower settings and air flow might no longer match what the ducts and spaces need. You get whistling vents, noisy returns, and uneven air distribution despite the fact that the walls and roofing system are now better.

That is why any responsible HVAC Service Conway SC need to deal with a significant insulation upgrade as a trigger to review system sizing and air flow. That does not always mean brand-new equipment. In some cases it implies changing fan speeds, adjusting charge, including or resizing returns, or stabilizing dampers.

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

Spray foam or other envelope improvements are prepared and defined first.

A Manual J load computation is run after those envelope specs are set, not previously.

The HVAC contractor then sizes and styles ductwork and devices based on the tighter envelope, not on a rough square foot guideline of thumb.

When it works in this manner, you typically wind up with a smaller sized tonnage system, a quieter home, and lower energy bills. I have actually seen 2,400 square foot Conway homes perform magnificently on a well-designed 2.5 load or 3 ton system once the attic and walls were attended to, where older, leakier homes the exact same size struggled even with 4 tons.

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

There is a time to believe broad view, and a time to get the system hopping once again before everyone in the house mutinies from the heat. Throughout a July heat wave, most people are typing "HVAC repair near me" into their phones due to the fact that they require cold air in the next few hours, not a building science seminar.

If your system has [HVAC Repair Conway SC techhvac-foam.com](https://www.techhvac-foam.com) actually stopped working outright or is blowing warm air, begin with emergency situation service. Reliable HVAC Repair Conway SC service providers understand that triage precedes. As soon as the fundamental function is restored and your home is manageable, that is when it pays to ask greater level questions.

Fast repair is the right move when:

You hear grinding or screeching from the air handler or condenser. Mechanical noises can rapidly turn a repair into a full replacement.

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

Your thermostat is calling for cooling, however the outdoor unit is silent and you have actually currently inspected the breaker.

The system freezes into a block of ice and you have water dripping where it must not be.

A useful method to mix short term requires with long term thinking is simple: when the tech has the unit open, use that see to get a picture of the whole system. Ask whether the ductwork, insulation, and devices size appearance reasonable for the house. A fifteen minute conversation while they are already on website can conserve you thousands in errors over the next couple of years.

How spray foam and HVAC together alter humidity control

Residents of Conway discuss temperature, but the real comfort bad guy in summer is humidity. You can stroll into a house reading 74 degrees on the thermostat that still feels swampy and uneasy. That is typically a sign the system is not getting rid of sufficient wetness, or the house is pulling clammy air in from outside faster than the HVAC can dry it.

Spray foam assists humidity in 2 ways. It lowers the circulation of warm, moist outdoors air into the building cavities, and it tempers the attic so ducts and air handlers do not sweat as much. Less infiltration implies less hidden load on the system.

On the HVAC side, humidity control is mainly about:

Equipment sizing. If the system is too big, it brief cycles and never ever runs enough time to wring out moisture.

Airflow rate. Excessive airflow per ton can decrease dehumidification due to the fact that the air does not spend sufficient time on the coil.

Run method. 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 almost always feel the distinction. Property owners tell me they comfortably set the thermostat two degrees higher due to the fact that the air feels drier and more stable. 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 road. Put more cash into another repair, or start fresh with brand-new HVAC installation Conway SC. That decision is rarely as basic as age alone, though age matters.

Some of the concerns I stroll customers through:

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

What has altered in your home? If you have included spray foam, changed windows, finished a reward space, or enclosed a porch, the initial load computation 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 expense is up 40 percent, something is deteriorating in the system's effectiveness, often beyond what a simple repair can fully solve.

There are times when we deliberately pair a moderate repair now with an organized replacement next year, particularly if a significant insulation or renovation project 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 new unit that will be incorrectly sized for the future house.

What to get out of professional HVAC Service Conway SC

The quality of the work frequently matters more than the brand on package. In this market, the majority of the significant producers provide good equipment. What separates one home's experience from another's is how intelligently the system is chosen, installed, and serviced.

On the service side, whether you are requiring regular maintenance or immediate repair work, a professional see typically has a couple of hallmarks.

You should see basic security and efficiency checks, not just a quick refrigerant top-off. That suggests checking electrical connections, capacitors, static pressure, temperature level split across the coil, and condensate drainage.

The tech must want to explain what they see and what they suggest, in plain language. If they only speak in brand names and vague reassurances, push for numbers and specifics.

They ought to ask you at least a couple of questions about convenience concerns, not simply whether the unit switches on. Good service techs listen for tips about duct issues, zoning problems, and insulation gaps.

For house owners, a yearly or twice-yearly maintenance plan is not simply a revenue stream for the contractor. Lots of failures we see throughout the hottest or coldest weeks of the year were preventable with earlier attention: weak capacitors, dirty coils, clogged drains pipes, or low refrigerant from a small leakage left unchecked.

Talking insulation with your HVAC contractor

Even though HVAC and insulation typically originate 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 short back-and-forth between the foam installer and HVAC professional can prevent issues such as:

Encapsulating an attic without attending to correct ventilation of combustion home appliances. Gas furnaces or hot water heater that vent into a now-tighter space need cautious evaluation.

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

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

The finest jobs I have actually been included with appeared like a three-way collaboration between house owner, insulation specialist, and HVAC business. The homeowner described what felt incorrect in your home, the foam team explained what parts of the envelope they would change, and the HVAC team then rechecked loads and air flow so the system could take advantage of the enhanced shell.

Simple checks before you call for repair

Sometimes the difference between a service call and a diy fix is one minute of attention. These quick 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 system has power, especially after storms or electrical work.
2. Make sure the thermostat settings have actually not been bumped to "heat" or "off," and that any schedule or holiday mode is not the real culprit.
3. Replace or clean the air filter if it is visibly dirty or if you can not see light through it. A clogged filter can journey safeties and cause bad efficiency.
4. Look at the outside unit to see if it is buried in leaves, turf clippings, or other particles that can choke air flow.
5. Check for water around the indoor unit or in the drain pan that might show a blocked condensate line triggering a float switch.

If those fundamental actions do not bring the system back to normal habits, it is time to call a professional. Keep in mind that duplicated tripping of breakers, uncommon noises, or burning smells are "stop and call" events, not something to test repeatedly.



Questions to ask when selecting an HVAC or spray foam contractor

You do not need to be a mechanical engineer to veterinarian a contractor, however a few targeted concerns reveal a lot about how they work. These use whether you are searching for "HVAC repair near me" or trying to find a team to manage Spray Foam Insulation Conway SC.

Consider asking:

1. How will you determine the right system size or foam thickness for my home, particularly in Conway's environment?
2. Do you perform or rely on Manual J/ Manual D calculations, or do you size based upon square video footage and guidelines?
3. How will this work affect humidity control and indoor air quality, and what actions do you take to address those?
4. For spray foam, what is your prepare for ventilation, existing combustion appliances, and future access to mechanicals?
5. For HVAC installation, how do you check the final system - do you check static pressure, measure airflow, and verify refrigerant charge versus manufacturer specs?

Clear, positive responses in plain language are an excellent indication. Unclear pledges or defensiveness are not.

Bringing it all together for a more comfortable Conway home

If your home feels drafty, spaces swing cold and hot, or your power expense keeps climbing, you do not need to accept that as simply part of living near the coast. The combination of thoughtful HVAC Service Conway SC and thoroughly planned spray foam or other insulation upgrades can improve how your home behaves in our climate.

Start where the discomfort is sharpest. If the system is down, get HVAC Repair Conway SC on the calendar and restore function. While the tech exists, begin the discussion about the larger picture: duct design, attic conditions, insulation levels, and possible improvements. If you are planning spray foam, pull your HVAC professional into that discussion before the first hose is unrolled.

Comfort, performance, and dependability are not accidents. They originate from taking a look at your home as a system, not a collection of gizmos. In Conway, that suggests respecting the humidity, appreciating the heat, and using both spray foam insulation and wise HVAC installation to deal with, not against, the local environment. When those pieces line up, you feel it whenever you stroll in the door, and you see it each month when the energy bill 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

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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>

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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](#)

Take a drive to [Crooked Oak Tavern](#). Crooked Oak Tavern showcases how Spray Foam Insulation and HVAC services improve indoor comfort while maintaining energy efficiency and Quality Workmanship.