

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 know our weather condition does not baby your home. Clammy summers, an unexpected number of cold damp nights, salt in the air from the coast, and more than a couple of heavy-rain occasions every year. That mix is tough on both your HVAC system and your structure shell.

I have strolled into a great deal of Conway homes where the thermostat is battling a losing battle. The a/c runs continuously yet the bonus offer room is still sticky. The gas or heatpump system has a hard time in January although the costs look more like February in Ohio. In many of those homes, the problem is not simply the devices. It is the shell of your home, 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 genuinely comfortable: reputable 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 fix one without thinking of the other, you leave comfort and money on the table.

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

Most individuals call for HVAC Repair Conway SC due to the fact that something is clearly incorrect. The unit is not cooling, the air handler is noisy, or the outdoors condenser will not start. But a great deal of systems in Horry County are operating because gray area between "damaged" and "right." They switch on, they cycle, they respond to the thermostat, yet specific rooms never ever feel good.

In this region, 3 patterns appear once again and again.



First, we see long, badly 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 dripping 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 bed rooms, the system has already lost the battle.

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

Third, we see building shells that have lots of little fractures. Gaps around recessed lights, plumbing penetrations, top plates, and attic gain access to doors all amount to a stack impact in winter and a kind of sluggish, constant infiltration in summer. Your a/c unit or heatpump winds up dealing with outdoors air as much as conditioned indoor air.

The end result is a home that is never ever rather comfy, and a system that runs even more often than it should. That is where Spray Foam Insulation Conway SC can be a video game changer, especially when you coordinate it with a thoughtful HVAC Service Conway SC instead of treating them as 2 unassociated projects.

What spray foam actually does for convenience and HVAC performance

Spray foam has a track record as the "fancy" insulation, which makes some house owners suspicious. The real value is not the marketing, it is the physics. Closed-cell and open-cell spray polyurethane foams both do 2 crucial things in one step: they insulate and they air seal.

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

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

- Ductwork is no longer attempting to push 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 difference between spaces listed below the attic starts to even out.

It likewise changes how we create HVAC Installation Conway SC. As soon as the structure shell withstands both heat and air seepage much better, you often do not require as big a system as the initial builder installed. Right-sizing becomes possible rather of a guess.

From a lived experience perspective, property owners normally notice 3 practical modifications after spray foam if their HVAC is tuned properly:

They lower the thermostat in summertime less typically since the air feels less sticky and the temperature 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 run at a lower, steadier rate rather than roaring to life every 10 minutes.

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

Matching HVAC design to a tighter, better-insulated home

I have seen plenty of houses where somebody did a great job spraying foam, however the existing HVAC system was never adjusted or examined. The equipment then encounters a various problem: brief cycling.

If you tighten up and insulate your house without reconsidering HVAC, 2 things often occur:

The existing system can be extra-large relative to the new load, so it pleases the thermostat rapidly then shuts down. That gives you short bursts of really cold air, not steady comfort, and it can stop working to dehumidify correctly.

The blower settings and air flow may no longer match what the ducts and spaces need. You get whistling vents, noisy returns, and irregular air circulation despite the fact that the walls and roof are now better.

That is why any responsible HVAC Service Conway SC need to treat a significant insulation upgrade as a trigger to revisit system sizing and airflow. That does not always suggest brand-new devices. Often it suggests changing fan speeds, adjusting charge, adding or resizing returns, or balancing dampers.

If you are developing new or doing a heavy restoration, the most intelligent sequence is:

Spray foam or other envelope improvements are planned and specified first.

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

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

When it works in this manner, you often end up with a smaller 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 ton or 3 heap system once the attic and walls were addressed, where older, leakier homes the very same size struggled even with 4 tons.

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

There is a time to believe big picture, and a time to get the system hopping again before everyone in your house mutinies from the heat. During a July heat wave, most people are typing "HVAC repair near me" into their phones because they require cold air in the next few hours, not a structure science seminar.

If your system has failed outright or is blowing warm air, start with emergency situation service. Trustworthy HVAC Repair Conway SC suppliers understand that triage precedes. As soon as the fundamental function is brought back and your house is bearable, that is when it pays to ask greater level questions.

Fast repair work is the best 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 odor electrical burning or see smoke. Shut it down and call. That is not a "wait and watch" situation.

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

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

A useful method to blend short term requires with long term thinking is simple: when the tech has the unit open, utilize that check out to get a picture of the whole system. Ask whether the ductwork, insulation, and equipment size look sensible for the house. A fifteen minute discussion while they are already on site can conserve you thousands in bad moves over the next few years.

How spray foam and HVAC together change humidity control

Residents of Conway talk about temperature level, but the real comfort villain in summer season is humidity. You can walk into a home 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 moisture, or your house is pulling clammy air in from outside faster than the HVAC can dry it.

Spray foam helps humidity in two ways. It minimizes the circulation of warm, moist outside air into the structure cavities, and it tempers the attic so ducts and air handlers do not sweat as much. Less infiltration means less latent load on the system.

On the HVAC side, humidity control is largely about:

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

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

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

When we combine Spray Foam Insulation Conway SC with a right-sized variable speed system, you can almost always feel the distinction. House owners tell me they easily set the thermostat 2 degrees higher because the air feels drier and more stable. That is not simply a convenience upgrade, it is an energy cost savings multiplier.

When a repair suffices and when HVAC installation makes more sense

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

Some of the concerns I stroll clients 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 candidate for major repair work. A 9 year old system with tidy service records and a small blower issue is still worth purchasing.

What has altered in your house? If you have added spray foam, replaced windows, finished a perk room, or enclosed a deck, the initial load computation is no longer precise. That prefers replacement with a correctly sized brand-new system.

How have your energy bills trended? If power costs are up 10 percent but your expense is up 40 percent, something is degrading in the system's efficiency, typically beyond what an easy repair can completely solve.

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



What to anticipate from professional HVAC Service Conway SC

The quality of the work often matters more than the brand name on the box. In this market, the majority of the major makers offer good devices. What separates one home's experience from another's is how intelligently the system is picked, installed, and serviced.

On the service side, whether you are calling for routine maintenance or urgent repair work, a professional see normally has a few hallmarks.

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

The tech ought to be willing to discuss what they see and what they recommend, in plain language. If they only speak in brand and unclear peace of minds, push for numbers and specifics.

They must ask you at least a couple of concerns about comfort issues, not simply whether the system switches on. Great service techs listen for hints about duct issues, zoning problems, and insulation gaps.

For homeowners, an annual or twice-yearly maintenance plan is not simply an earnings stream for the professional. Lots of failures we see throughout the hottest or coldest weeks of the year were preventable with earlier attention: weak capacitors, dirty coils, stopped up drains pipes, or low refrigerant from a small leakage left unchecked.

Talking insulation with your HVAC contractor

Even though HVAC and insulation typically come from different specialists, they need to not reside in different psychological silos. When you are planning Spray Foam Insulation Conway SC, loop your HVAC pro in early. A brief back-and-forth between the foam installer and HVAC professional can avoid problems such as:

Encapsulating an attic without attending to appropriate ventilation of combustion home appliances. Gas furnaces or water heaters that vent into a now-tighter space requirement mindful review.

Burying junction boxes or mechanical access points under foam that will clearly require service later.

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

The finest projects I have actually been included with looked like a three-way collaboration in between property owner, insulation professional, and HVAC business. The property owner described what felt wrong in your home, the foam team described what parts of the envelope they would alter, and the HVAC team 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 between a service call and a diy repair is one minute of attention. These quick checks will not replace professional HVAC Repair Conway SC work when there is a genuine failure, but they can conserve you the humiliation of an avoidable call.

Here is a list of things to verify:

1. Check the breaker and any outside detach to be sure the unit 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 vacation mode is not the genuine 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 poor efficiency.
4. Look at the outside system to see if it is buried in leaves, yard clippings, or other particles that can choke airflow.
5. Check for water around the indoor unit or in the drain pan that may indicate a stopped up condensate line activating a float switch.

If those fundamental steps do not bring the system back to typical behavior, it is time to call a professional. Remember that duplicated tripping of breakers, unusual sounds, or burning smells are "stop and call" occasions, not something to evaluate repeatedly.

Questions to ask when selecting an HVAC or spray foam contractor

You do not need to be a mechanical engineer to veterinarian a specialist, however a couple of targeted questions expose 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 ideal system size or foam density for my home, particularly in Conway's environment?
2. Do you carry out or count on Manual J/ Manual D computations, or do you size based on square video footage and guidelines?
3. How will this work impact humidity control and indoor air quality, and what actions do you require to address those?
4. For spray foam, what is your plan for ventilation, existing combustion home appliances, and future access to mechanicals?
5. For HVAC installation, how do you check the last system - do you inspect static pressure, measure airflow, and confirm refrigerant charge versus manufacturer specs?

Clear, confident responses in plain language are a great sign. Unclear promises or defensiveness are not.

Bringing it all together for a more comfortable Conway home

If your house feels drafty, rooms swing cold and hot, or your power expense keeps climbing, you do not need to accept that [HVAC repair near me](#) as just part of living near the coast. The mix of thoughtful HVAC Service Conway SC and carefully planned 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 is there, begin the discussion about the bigger image: duct layout, attic conditions, insulation levels, and possible improvements. If you are planning spray foam, pull your HVAC specialist into that discussion before the first hose is unrolled.

Comfort, effectiveness, and reliability are not accidents. They originate from taking a look at your home as a system, not a collection of devices. In Conway, that means respecting the humidity, appreciating the heat, and utilizing both spray foam insulation and wise HVAC installation to deal with, not versus, the local environment. When those pieces line up, you feel it each time you stroll in the door, and you see it monthly when the utility costs 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?

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[Conway Riverwalk](#) highlights the importance of HVAC services, Air Conditioning Installation, and Reliable Service in maintaining comfortable public spaces with lasting Quality Workmanship.