



THE DUCT MAN QUARTERLY

February 2024 | HVAC News You Can Use

IMPORTANT HVACR LICENSE REMINDER

The deadline for completing the 5-hour continuing education requirement for Licensed Master HVACR Contractor biennial license renewal is **June 30, 2024**.

Scott's HVAC Training provides both in-person and online classes that fulfill the continuing education requirements of the NJ State Board of Examiners of HVACR Contractors.

For more information or to sign up for classes, please visit scottbishoptraining.com.

Now On Sale at EPH Through March 31st

Select Honeywell Home Non-Programmable Contractor Thermostats



Save up to 20% on T3 Pro and E1 Pro in Full-Case Quantities



Call or visit E.P. Homiek for details

Benefits of Air Balancing in Residential and Small Commercial HVAC Systems

Air balancing is one of the most valuable services a contractor can perform on both new and existing HVAC systems. Though air balancing has long been utilized in commercial and industrial arenas to help building owners achieve peak system performance, the residential and small commercial sectors are still lagging behind in recognizing its true value.

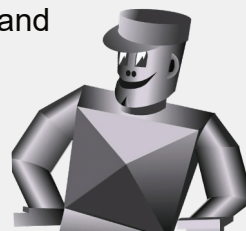
Since it's not uncommon to find systems that run 30-50% low on airflow, and only about 5% of existing systems operate above 90% of their rated capacity, there is vast opportunity for contractors to provide this highly beneficial service.

HVAC service technicians should get in the habit of checking system airflow on every service call and providing their customers with information on the benefits of a properly balanced system.



Issues commonly uncovered during the testing phase of the process include duct leakage on both the supply and return sides and an inadequately-sized return system. With proper air balancing, customers can expect more consistent temperatures from room to room, cleaner air, better humidity control, improved system performance, and substantial energy savings.

The simplest way to measure system airflow is to test total external static pressure, compare it to manufacturer specifications, then measure CFM at all supply and return grilles and registers. Next, determine how much air is moving through the furnace or air handler and how much is being delivered to and returned from the living space. Based on these readings, technicians can make the appropriate recommendations for corrective measures that can include duct sealing, modifying ductwork and return sizes, repairing ductwork kinks, dampers, and obstructions, correcting insulation issues, cleaning evaporator coils, modifying filtration setup, and adjusting fan speed. If customers deem certain repairs to be too expensive or disruptive, contractors should provide guidance as to which balancing measures would be most beneficial given the limitations.





Senior HVAC Sales Specialist Ted Garrigana Joins EPH



E.P. Homiek Sheet Metal & HVAC Supply is pleased to welcome Ted Garrigana, Senior Sales Representative and seasoned HVAC product specialist, to our team.

He joins us with nearly four decades of top-notch HVAC industry experience, including 24 years with a Central Jersey wholesale supplier and four years with a South Jersey supplier. He started out as an HVAC service technician, working for three years in the field, and also served for eight years as a sales representative for a control specialty supplier.

Ted prides himself on his approach to providing excellent customer service with close attention to detail and diligent follow-up. He relates well to a contractor's work and is not afraid to get his hands dirty, describing himself as a mechanically minded person who enjoys working on HVAC systems just as much as he likes working on cars.

Ted and his wife of 25 years, Renee, reside in Plumsted Township. When he isn't deep into working on a home renovation project or up to his elbows tinkering with something mechanical, he loves to hunt. If you need a knowledgeable, down-to-earth person who can assist you with any of your HVAC needs, Ted welcomes your call at 732-592-9290 or email tgarrigana@ephomiek.com.

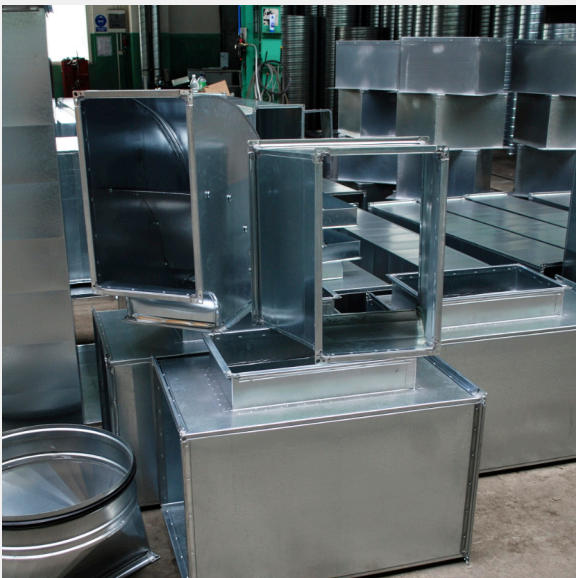
Little **GIANT**®



E.P. Homiek Now Stocks Little Giant Condensate Pumps

**VCMA-15UL
VCMA-15ULS
VCMA-20ULS**

Contact us for details and pricing information



RELY ON E.P. HOMIEK FOR CUSTOM DUCT FABRICATION

Waiting days, or even weeks, for custom ductwork leads to costly job delays and unhappy customers. EPH provides:

- ▶ 1-2 day turnaround on all residential & light commercial
- ▶ 1-2 hour emergency service
- ▶ Free delivery
- ▶ Competitive prices
- ▶ Guarantee on all fabrication
- ▶ Two one-stop locations for ductwork and HVAC supplies