

Training and Services

We offer FREE annual trainings for our customers at our locations in Marietta, Oklahoma and St. Joseph, Missouri. These trainings include short courses in System Purging, Air Distribution, Manual J Load Calculations, and Blower Door Testing..

We also offer full courses in Fusion Training, Butt and Socket and we can also arrange for Electro-Fusion Training and computerized Load Calculations..

If you prefer, for a minimal cost based fee, we can arrange for the training at your place of business for your employees.

For in-depth trainings, call for fee quote at 1-800-771-9455.



Earth Energy warehouse, Marietta, OK

About our trainers.....

Michael Garrison is our Product Services Manager and an IGSHPA certified Geothermal Installer with more than 6 years experience in the Geothermal industry.

Dave Stephenson is an ACCA Certified Trainer and has received IGSHPA training. He has completed training in the fundamentals of Command-Aire heat pumps. Dave also works part-time as an instructor in the Tulsa Technology Center's Adult Air Conditioning program.

Greg Dudley is also an IGSHPA accredited Installer and has training in the fundamentals of Command-Aire heat pumps, polyethylene fusion, and pump installation. He also holds a current Missouri Well Driller/Pump Installer's permit.

George Mechler has 20 years experience in direct geothermal sales. He acquired IGSHPA training in load calculation and loop design which enables him to raise the levels of system performance and customer satisfaction.

Bob Evans has 30 years experience in the field of energy management. He has been involved in an effort to improve the efficiency of Missouri state owned facilities by conducting energy audits. Bob is a member of the Missouri Heat Pump Association and acquired geo training at IGSHPA.



Gwen Wyatt
Warranty and
Customer Service



Vickie Crossland
Business Manager

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Capturing earth's
energy for your
comfort!

Geothermal System Training & Consultation



- ◆ System Purging
- ◆ Polyethylene Fusion
- ◆ Load Calculation
- ◆ Infiltration Diagnostics
- ◆ Equipment Selection & Troubleshooting
- ◆ On-site Training & Consultation

Earth Energy Technology & Supply Inc.

*"With more than 100 years
combined industry experience!"*

Phone 800-771-9455

Trainings Offered

System Purging

Why purge the system? To ensure that the geothermal system will perform properly and as designed. Learn the proper procedure for flushing debris from the ground heat exchanger and the importance of purging air from the system. Efficient ground heat exchangers depend on adequate pressure and flow. Discover proven methods for locating flow blockage when performance suffers. Take away expert advice on the mixing and selection of antifreeze solutions.

EETS Deluxe Purge Cart

Learn to pressure the ground heat exchanger and perform recommended checks with our Deluxe Purge Pump.

Fusion Training



Michael Garrison,
Product Services Manager
IGSHPA Certified Installer

What is the proper technique for butt, socket and sidewall fusion? Using techniques endorsed by several pipe manufacturers, learn the proper way to prepare the pipe, heat the fittings and proper safety

procedures. Certificate of Training will be issued to each trainee upon satisfactory completion of the training and a properly fused joint.

Load Calculations

What is the correct capacity heating and cooling system for a particular home? The correct size heat pump unit has an overall more important role than just controlling temperature. This is determined by performing a load calculation, either manually, or by computer. Learning the Manual J procedure will create a better understanding of most load calculation software programs. Learn what heat transfer multipliers are and how they are applied, plus many other factors that need to be considered when selecting the correct capacity heating and cooling unit. Making load calculations adds peace of mind, knowing the unit selected is the proper size for the job, plus it enhances your image as a professional.

Air Distribution and Duct Sizing

You have selected the correct capacity unit, but what about air flow? Even if the unit is the right size it may not perform properly if installed on a poorly designed duct system. Learn the basics of air distribution including duct sizing and grille selection. Is there a difference in sizing when using flex duct instead of metal duct? Learn about static pressure, pressure loss, proper velocities and blower speed selection. How to determine the proper size supply and return ducts will be covered. Selecting the



Dave Stephenson
ACCA Certified Trainer
NE Oklahoma, S. Kansas,
S. Missouri, NW Arkansas Sales

proper size supply air outlets and return air inlets will be discussed. The ACCA manual D, "simplified method", and modified equal friction will be covered.

Blower Door Technology

Why Use Blower Doors? Blower Door Technology can help you document construction air-tightness. Learn how to estimate natural infiltration rates in houses. Learn to measure the effectiveness of retrofit weatherization activities and measure duct leakage in forced air distribution systems. Blower Doors help locate the site of air leakage.



Bob Evans
N. Missouri and
N. Kansas Sales

What causes air leakage? Learn the many causes for air leakage. Register for this training and you can maximize the efficiency of your installations.

Equipment Training

What's available in High Efficiency equipment? Find the right geothermal heat pump model for your residential or commercial application. Get current on available circulating pump, auxiliary heat, blower, air return, desuperheater and heat exchanger options. Hear recommended installation techniques and proven troubleshooting tips from experienced geothermal technicians.



George Mechler
Texas Sales

