

thermaduct®

HIGH EFFICIENCY AIR DISTRIBUTION

HIGHER EFFICIENCY AIR DISTRIBUTION PRODUCTS FOR ANY APPLICATION

For over two decades, Thermaduct has offered pre-insulated phenolic duct systems designed for both commercial and industrial projects. With a focus on thermal efficiency, weather durability, and contractor-friendly installation details that can reduce labor and field coordination, Thermaduct's goal is to simplify your HVAC projects with lightweight, easy to install phenolic duct systems for both indoor and outdoor environments!



thermaduct® OUTDOOR RECTANGULAR

Thermaduct® is our patented rectangular exterior ducting solution that offers high R-values and low air leakage. It provides the duct, the insulation and cladding all in one high performance product. Thermaduct® is available in insulated values between R-8 and R-24 and offers extremely low air leakage. All these benefits are protected by a strong, UV stable 1000 micron vinyl cladding and built to meet or exceed the SMACNA Phenolic Duct Construction Standards with our patented Airtruss® Reinforcement System.



thermaround® OUTDOOR ROUND

Thermaround® is our patented round solution for exterior applications. This high R-value system offers an R-12 solution with extremely low air leakage. Thermaround® uses the same UV stable 1000 micron vinyl cladding for a durable solution that will naturally shed water. In the interior air passes over a smooth aluminum surface, free from loose fibers to give your building better IAQ performance. This round solution is also available with multiple exterior cladding options for architectural applications.





thermaduct®

ARCHITECTURAL PRODUCTS

Thermaduct® Architectural Products are pre-insulated round and rectangular with a metal exterior over our vinyl cladded products. For projects where appearance matters, Thermaduct® combines phenolic insulation performance with a metal exterior aesthetic. With the ability too achieve high insulated values using closed-cell insulation, a Kynar finished metal exterior with color options, and contractor-friendly connection methods (TDC/TDF for rectangular and spiral flanged connections for round) intended to speed installation, alongside a glueless lining method for indoor or outdoor use, NFPA 90A and ASTM E84 25/50 compliance.



inspiralR® & FLOVAL®

INDOOR ROUND AND FLAT OVAL

InspiralR® and Floval® are our patented indoor round and flat oval solutions that are UL 181 Listed for 10" w.c. positive and 8" w.c. negative applications. InspiralR® and Floval® are lightweight systems with an R-6 insulated value that can offer up to a 75% weight savings versus traditional double wall spiral duct. Achieve near zero air leakage with easy to install flanged connections. Tight on ceiling space? Floval is your solution as there is no need to insulate separately!

therma®

TUFF

INDOOR RECTANGULAR & DUCT LINER

Thermatuff® is a lightweight, durable phenolic system that enhance both thermal efficiency and installation ease, ensuring low air leakage, and superior durability in the field. Whether you need duct systems for new construction or retrofit projects, Thermaduct®'s Thermatuff® phenolic system can be used as a pre-insulated duct system or as an insulated duct liner for sheet metal ductwork. Our goal is to help you design commercial HVAC systems that meet the highest industry standards!

DUCT SYSTEM



DUCT LINER



Thermaduct products are patented systems.
Review these patents and more at
www.thermaduct.com/patents



training.thermaduct.com
ONLINE INSTALLER TRAINING
NOW AVAILABLE