



Introducing the Thermoshield Cabinet

SolutionAir is pleased to announce the release of the Thermoshield cabinet on select models.

Thermoshield Cabinet Features

Marine-Grade Aluminum Design

Light: The lighter physical weight of the aluminum cabinet reduces building structure support and fuel used during shipping. When specified, this reduced weight delivers a significant competitive advantage.

Designed for Sustainability: Paint-free to reduce VOCs, this cabinet is recyclable and made from recycled aluminum and stone-wool insulation.

Extended Product Lifecycle: Designed to last 20 years while maintaining its appearance. Protection from oxidization and galvanic corrosion means an extension of the cabinet's life cycle. Advanced joining techniques minimize fasteners and penetration through interior and exterior walls, providing long-lasting cabinet integrity and air tightness.

No Dissimilar Metal Fasteners: Aluminum fasteners are used exclusively in the cabinet's construction, improving its strength and reducing corrosion.

Low Energy Gain: An unpainted aluminum finish reflects over 70% of both UV and infrared radiation, lowering energy gain and translating to improved performance across all applications.

Cabinet Properties

R14 Insulation Value: The cabinet leverages 3.5 inch stone-wool insulated panels to achieve R14 and ultimately improves cabinet system performance, thereby maximizing indoor comfort. The cabinet is made with Class A firebreak materials that boast 0/0 flame spread and smoke-developed indices.

Patented Double Thermal Break: SolutionAir is the first in the industry to leverage this style of thermals breaks. The patented double thermal breaks greatly reduce heat transfer between the outdoor climate and the conditioned cabinet, improving performance especially in cold environments.

Non-Moisture Absorbing: Thermoshield is the first cabinet on the market that features a non-moisture-absorbing design. This protects against mold formation within the cabinet walls and the subsequent degradation of insulation, thereby maintaining long-lasting effectiveness.

Reduced Installation Labor: Attention has been given to minor details that save major time. Uniquely designed split units are easily assembled and connected in the field, reducing onsite labor.

To learn more about the Thermoshield cabinet design, please contact mech-quotes@solutionairgroup.com

