

WHY SPECIFY VAULT® SOLUTIONS?

The VAULT® offers exceptional protection for your roof and wall penetrations, while meeting mandatory code requirements for air permeance/air leakage and solar reflectance. Our advanced engineering solutions and compliance with industry standards make the VAULT® the preferred choice for architects, engineers, and building owners wanting to ensure maximum protection and durability for their roof and wall penetrations.

Ideal Solution for:
PIPING
CONDUIT
DUCTWORK
FIBER OPTIC CABLES



3 CONVENIENT VAULT® OPTIONS NOW OFFERED BY RPH

1

STANDARD VAULT®

Stocked and ready for immediate shipment. The fastest solution for common applications.

2

PRE-ENGINEERED VAULT®

A portfolio of our most requested sizes, built to order with faster lead times than our fully custom option. No engineering fees.

3

CUSTOM

Fully custom-engineered to your specifications. Engineering fees apply. Expediting fees may apply.



ROOF PENETRATION PROTECTION

WHAT IS UNIQUE ABOUT VAULT® PRODUCTS?

- 20-year insured warranty
- Approved for use in Miami-Dade County (NOA pending)
- Meets IECC air barrier material permeance
- Meets AAMA 501 water and air permeance test
- Multi-penetrant pathway through roof and walls
- Available in standard, pre-engineered, and custom designs



WHAT CODES DOES THE VAULT® CURRENTLY MEET?

Third-Party Tested. Code-Aligned.

- Miami-Dade County: Approved for use (NOA pending; expected August 2025). Applies to designated product configurations. Contact RPH for documentation.
- The Small, Medium, and Mega VAULT® units have been successfully tested to withstand ± 150 psf per TAS 202. This test pressure is generally consistent with design pressures associated with up to 225 mph wind speeds, depending on building-specific factors. These units have also been tested to TAS 201 and TAS 203 protocols, which are recognized as equivalent to ASTM E1886 and ASTM E1996 in the Florida Building Code HVHZ. These tests confirm compliance with impact and cyclic pressure performance criteria as required for high-velocity wind zone applications. Compliance with ASCE 7, ASTM E1886, ASTM E1996, and all project-specific requirements must be confirmed by the Engineer of Record.

WHY DO VAULT® PRODUCTS PERFORM SO WELL?



RPH Exit Seal

RPH Exit Seals™ are a critical part of what makes VAULT® products perform at the highest level. While not sold separately, these seals are fully integrated into every VAULT® system. They provide watertight, airtight, durable, and flexible protection for roof penetrations and are backed by a 20-year warranty.



WHERE ARE VAULT® PRODUCTS TYPICALLY INSTALLED?

Mission Critical & Technology

- Data Centers, Telecom, Financial Facilities

Healthcare & Life Sciences

- Hospitals, Labs, Pharmaceutical Plants

Education & Public Safety

- Universities, Government, Public Safety

Commercial & Industrial

- Food & Beverage, Commercial Buildings, Retail

Typical Installations

- New Construction, Retrofits, Reroofs

**VISIT THE PHOTO GALLERY ON OUR WEBSITE AT
RPHPRODUCTS.COM FOR MORE!**

WHAT SIZES ARE AVAILABLE?

Standard VAULT® - RPH's Standard VAULT product line is our stocked and ready-to-ship solution, offering pre-configured penetration protection that meets industry standards without the wait. These products are ideal for projects with tight timelines that still demand high performance.

Small: 16.5" x 9.75"W x 10"H

Medium: 20.5"L x 14.5"W x 12"H

Mega: 34"L x 34"W x 24"H



Pre-Engineered VAULT® - We offer 28 pre-engineered designs. Developed from our most requested custom solutions, these built-to-order options reduce lead times and eliminate engineering fees, offering more size choices without full customization.

Custom VAULT® - Engineered to accommodate any size and type of penetration, in any quantity.

Curb sizes - We currently offer three curb heights: 14", 18", and 24".

Penetration Sizes - Solutions are available for penetrations ranging from .25 inch to 60 inches in diameter.



AW VAULT® SERIES

Air/Wind-Rated Assembly

The AW VAULT® series is a 20-year insured and warrantied all-aluminum, multi-penetrant pathway through the roof, with air and wind ratings. It features a 3-piece powder-coated aluminum assembly, including a removable lid, housing, and flanged curb, designed for use with our weather-tight RPH Exit Seals™. The interior of the lid is insulated with R4.3 at 75°F to prevent condensation. Available in three standard sizes, 28 pre-engineered sizes, and custom sizes.

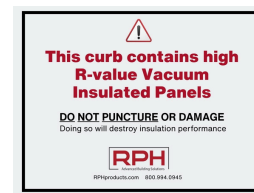


STANDARD AW VAULT®

AWI VAULT® SERIES

Air/Wind-Rated Assembly + Insulation Curb

The NEW AWI VAULT® is pre-insulated curb with R41.9 thermal resistance integrated directly inside the curb, eliminating the need for separate ice wings or field-installed insulation. This design improves performance, simplifies installation, and brings measurable cost and sustainability advantages to every project. The new AWI VAULT® design is available only for our Standard line (Small, Medium, and Mega units). Custom and pre-engineered sizes will soon be updated to include this same insulated curb design. In addition, we will no longer be offering the 14" curb.



PRE-INSULATED CURB



STANDARD AWI VAULT®

PRE-ENGINEERED AND CUSTOM VAULT® OPTIONS

If our standard VAULT® products don't fit your needs, RPH offers both Pre-Engineered and Custom options. Our Pre-Engineered VAULT® systems are built-to-order from 28 of our most commonly requested designs, reducing lead times compared to custom and eliminating engineering fees. For jobs that require exact specifications or project-specific detailing, our Custom solutions provide full design flexibility with hands-on engineering support.

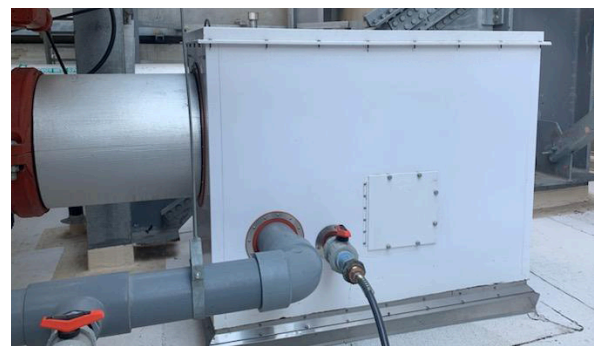
For more information, please contact our technical team.



ENHANCE YOUR VAULT®

We offer a range of accessories to enhance the VAULT® system, including a Ductwork Adapter for connecting ducts, a Compression Plate for securing electrical conduits and fiber-optic cables within cable trays, a *Clamshell* for retrofitting around existing pipework, and a removable panel for installation support.

For more information, please reach out to our technical team.



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