



AI-READY

Drop Panel Roof System

High-Pressure Drop Panel Roof System for Cold-Aisle Containment

The ScaleWRX Drop Panel Roof System is engineered for modern cold-aisle containment, delivering reliable fire-code compliance. The translucent, temperature-sensitive panels drop away during a fire event, ensuring full penetration of overhead suppression systems. Built with a robust frame-within-a-frame design, the system is pressure-tested to handle significant airflow fluctuations. Panels are fully accessible and removable without tools from the inside of the aisle allowing the fully framed drop tiles to be removed for simplified maintenance. The system can be cabinet-mounted or ceiling-mounted to integrate seamlessly into both new builds and existing facilities with complex ceiling structures.

KEY FEATURES



Lightweight Panels



Clear Panels Allow 88% Light
Transmittance

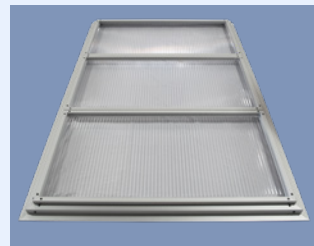
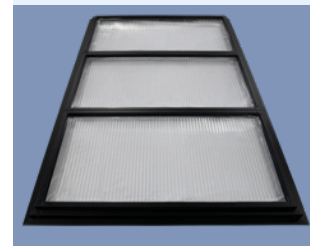
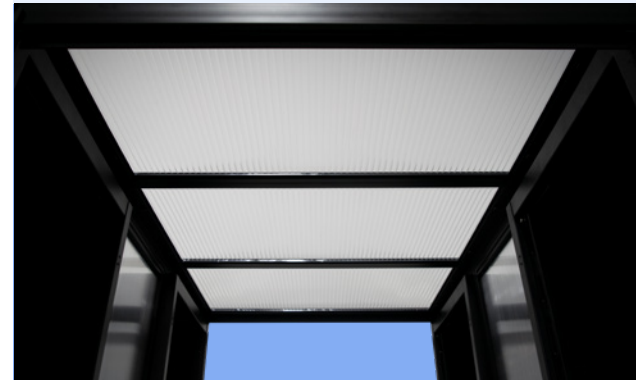
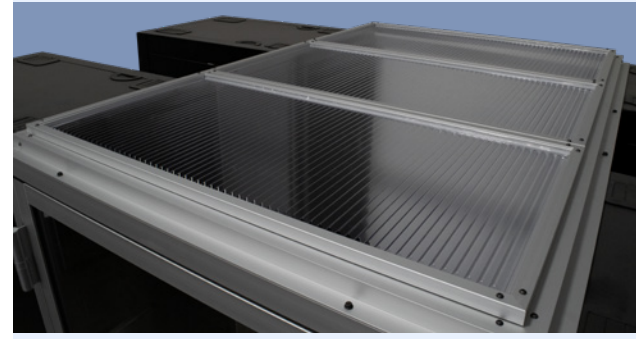


Fire Rated - Approved for Use With
Most Fire Suppression Systems



Toolless Access





40-Series Hinged Door Product Specifications

Framework

Material	Tensile Strength, PSI
Aluminum	35,000

Standard Frame Sizes

1 Panel Frame:	55-1/8" W x 31-1/4" L
2 Panel Frame:	55-1/8" W x 57" L
3 Panel Frame:	55-1/8" W x 82-7/8" L
4 Panel Frame:	55-1/8" W x 108-3/4" L

Standard Removable Panel Size

49-7/8" W x 25-7/8" L

Using a selection of custom and standard panel frames, aisle between 48" - 96" wide can easily be accommodated.

Inserts

Material	Flame Rating and Smoke Rating
Rigid Vinyl Plastic	ASTM E-84 Class A Flame Class V-0 FM Class 4651 Maximum Flame Spread / Smoke Development per ASTM E-84: 10/450

STANDARD FEATURES

- Custom Sized (to 1/8")
- Modular Design
- Clear or Black Anodized Finish

