ESSENTIAL SERIES

SUBZERO ENGINEERING

ESSENTIALSERIES

COLO ROOF

Fire Rated + Modular System

A Light Weight Drop Panel Roof System

The Subzero Engineering Colo Roof system is uniquely designed to work under the fire suppression system by utilizing specially designed translucent panels.

In the event of a fire, the panels shrink and drop away to preserve the fire sprinkler pattern. The lightweight drop-in panels have a thickness of only 0.013" and are completely clear, allowing in the light from overhead lighting systems.

As the Colo Roof containment system is modular in design, it can be easily attached to cabinets, doors, side wall systems, and even vinyl. The roof is also designed to attach to vinyl or hard wall material for missing cabinets or gaps. This makes it easy to install into almost any area in a data center. Additionally, the panels can be removed for easy access for overhead maintenance.

KEY FEATURES

- Standard Sizes
- Lightweight
- Clear Panels
- Modular Design
- Fire Rated

PRODUCT OPTIONS

- Clear or Black Finish
- 4' Aisle Width
  with Customizable Length

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Product Specifications + Drawings

Frame

Physical Properties

Property	Material	Result
Tensile Strength	Aluminum	22,000 psi

Shipping

Physical Properties

Property	Result
Weight	25-50 lbs.
Components	5 Major Components

Standard Size

3 Tile Colo Roof Section

Width	Length
54”	75.375”

Clear Panels

Physical Properties

Property	Units	Result
Thickness	Mills	15 Mil
Material	—	Polyvinyl Chloride
Light Transmittance	—	87.67%

Flammability

Property	Test	Result
Smoke Dev.	ASTM E84	125
Flame Spread	ASTM E84	20

Clear Drop Away Panel Code Listings*

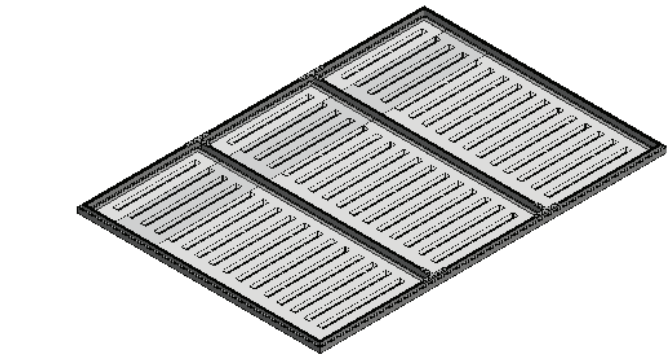
UL Listed

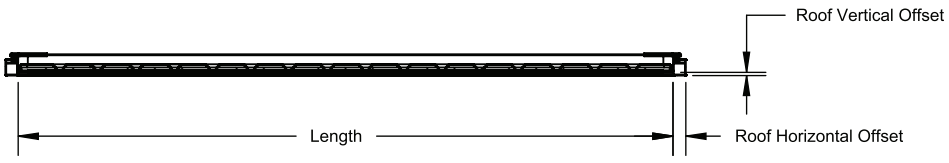
FM Approvals Specification Tested

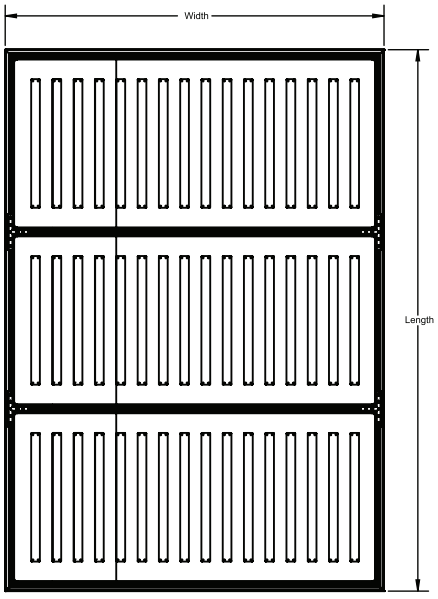
California Fire Listing No. 2200-1622:0100

UES Listing No. UEL-5021

*3mm FM4910 panel inserts provided by OEM.
For list of OEMs visit – www.subzeroeng.com/OEM







CONTACT US
for more information

SUBZERO ENGINEERING
A SENNECA COMPANY

www.subzeroeng.com
info@subzeroeng.com
801.810.3500
or 800.564.0864