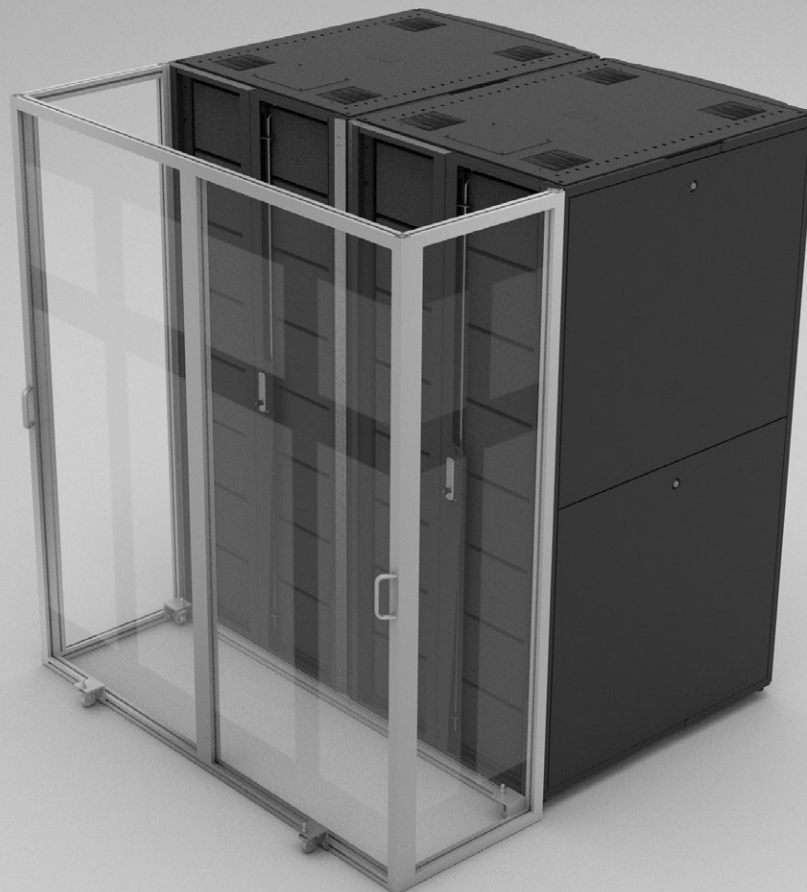SUBZERO ENGINEERING

POLAR BOOTH

Isolated Equipment Containment

The Perfect Solution for Isolated Equipment Containment

Most data centers have isolated cabinets that are not part of a hot or cold aisle design. The Polar Booth fully completes the separation of supply and return airflow by addressing isolated equipment. This portable booth can be used for cold or hot aisle applications to ensure complete separation of exhaust and supply air on stand alone IT equipment.

A common problem many data center managers encounter is supplying cold air to equipment that is not in a rack row or aisle. Perforated tiles located in front of isolated equipment only cool the bottom half of the cabinet. The remainder of the cabinet is cooled by the ambient airflow. As a result, the supply air temperature is set considerably colder than necessary to cool the ambient air. The Polar Booth contains the supply air to the equipment intake and ensures both a uniform and predictable temperature to all isolated IT equipment.

KEY FEATURES

- Clear or Black Anodized Finish

- Rolling Containment System Allows for Easy Movement

- Available up to 6 Feet Wide

- Used for Cold Air Supply or Hot Exhaust Return

- Clear Panels

- Rigid Design

ESSENTIAL
SERIES

Frame

Physical Properties

Property	Material	Result
Tensile Strength	Aluminum	22,000 psi

Features

Rolls easily on casters.

Panel Inserts (Optional)

3mm – Acrylic Flammability

Property	Test	Result
Smoke Dev.	ASTM E84	385
Flame Spread	ASTM E84	140
Horizontal Burn	ASTM D635	1.18 in/min
UL Horizontal	UL94	94 HB

4mm – Twin Wall Polycarbonate Flammability

Property	Test	Result
Smoke Dev.	ASTM E84	40
Flame Spread	ASTM E84	5

3mm – FM4910 Flammability

Property	Test	Result
—	UL94	V0
—	FM4910	Yes
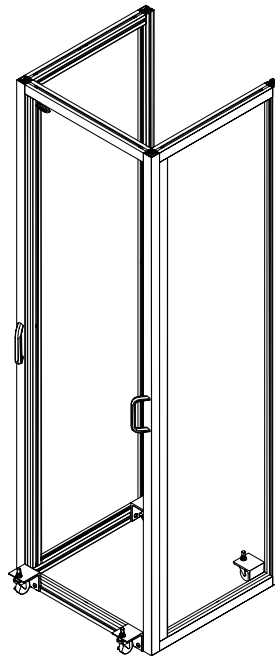
Want More? Upgrade to **ESSENTIAL PLUS** ✚

- ⊕ ENGINEERED CUSTOMIZATIONS
- ⊕ UPGRADED MATERIALS & FUNCTIONALITY
- ⊕ EXTENDED LIFETIME WARRANTY
- ⊕ WHITE GLOVE ON-SITE SUPPORT