

Mechanical Ceiling

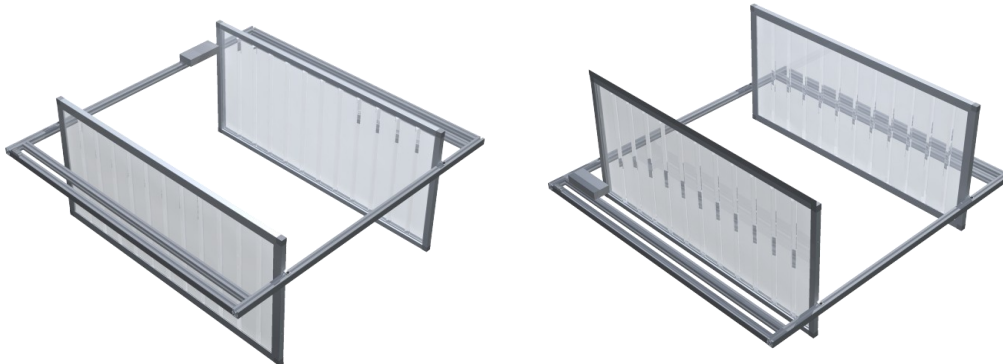
Standard Features

- Can be configured to drop or raise
- Can be configured for most any size aisle
- Clear translucent panels shrink under heat for redundancy
- Satin anodized finish
- Installation track and hardware
- Approved for use under fire suppression systems

Custom Options

- Black anodize finish
- Custom powder coat finish
- Leveling kits for uneven cabinets

***Custom
designed and
built specific
to the
constraints
of the
installation***



Contact Info

801.494.2098

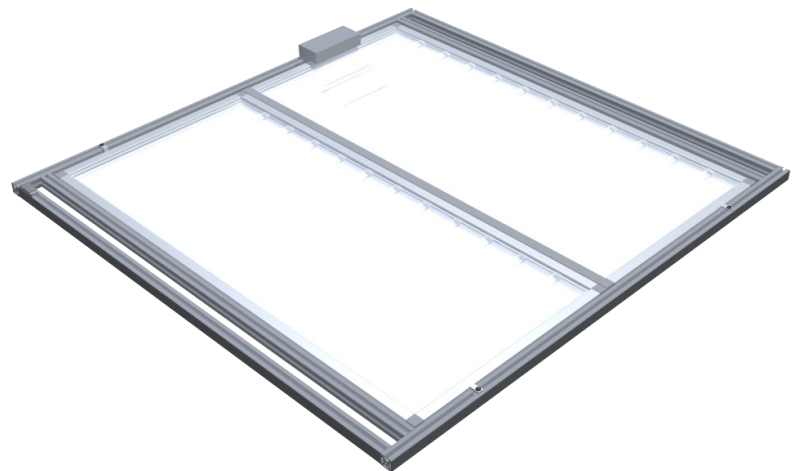
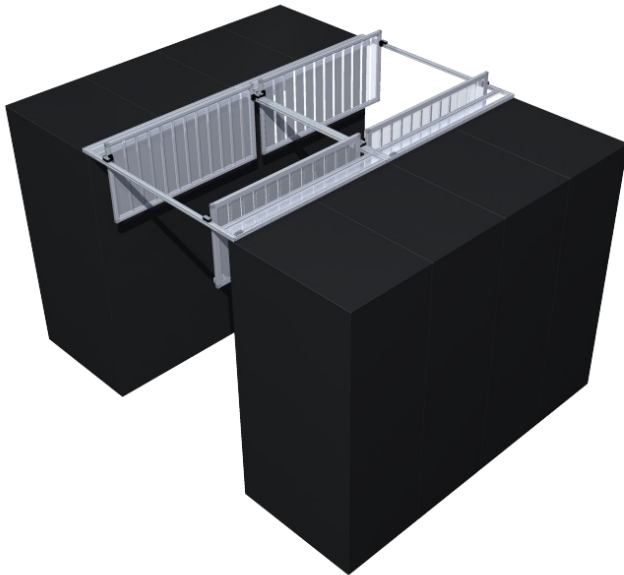
435 W. Airport Rd Unit A5
Heber City, UT 84032

info@theWindChill.com
www.WindChillEngineering.com

Technical Data: Mechanical Ceiling

Standard Specifications *

Size and Finish		Door & Frame	
Width	Up to 64"	Material	6560 T-6 Temper Aluminum
Length	Up to 53.5"	Tensile Strength	30,000 psi
Profile Width	1 1/2"	Paneling	
Standard Finish	Satin Anodize (Clear)	Material	15 mil Clear Polyvinyl Chloride
Upgrade Finish	Custom Anodize and Powder Coat Colors	Color	clear
		Smoke Deviation ASTM E84	125 Test Result
Control Box	1 per aisle or room	Flame Spread ASTM E84	15 Test Result
Fire suppression panel/ actuation system	One relay contact required	UL-R4036 and FM-4651 rated for use under 165 degree fire suppression systems	



Measuring for Mechanical Ceiling

Measurements Needed for Ceiling Panels

- Total Aisle length
- Aisle width (Use widest point as measurement)
- Height of all cabinets, in-row cooling units or UPS systems in row (Leveling kits and rigid walls can be used to create even rows).
- Ceiling can overlap 1" to 6" onto top of cabinets.

Typical Heat Activated Ceiling Layout

- Both Heat Activated and Mechanical ceilings will typically overlap 1" to 6" on each side over the tops of the cabinets.
- Other customizations available

* Check for any obstructions above the cabinets around the inside edge of aisle.