

# AISLE CONTAINMENT

## INTRODUCTION

Lux Rack offers the standard and customization of hot and cold aisle containment solutions that help to reduce the energy consumption by eliminating the mixing of hot and cold air in the data center.

## HOT / COLD AISLE CONTAINMENT

Lux Rack's hot and cold aisle containment solutions easily adapt to challenges such as limited ceiling height and limited headroom conditions. The hot and cold aisle containment is designed on modular type and fully compatible with Lux Rack's standard 37U, 42U, 45U and 52U cabinets in rows based. Our hot and cold aisle containment is also able to fixed on third parties' standard cabinets.

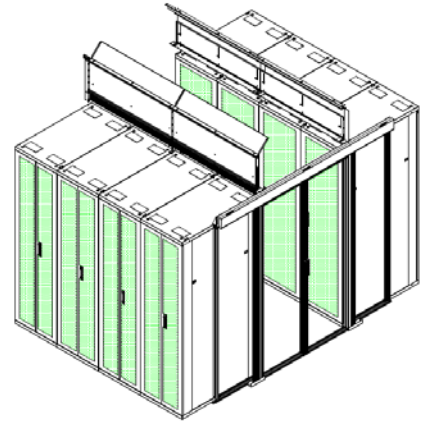
Sliding doors, roof panels and filler panels are the main components to construct the aisle containment solutions. The panel roof system is designed with fail safe feature that work under the fire suppression system and allow for auto flip when triggered by fire alarm system or systems. Other air-flow management accessories are also available to maximum the cooling and power efficiency of the solutions.

If standard hot or cold aisle containment solutions are not suitable your data center environment. We also provide the customization based your requirement.

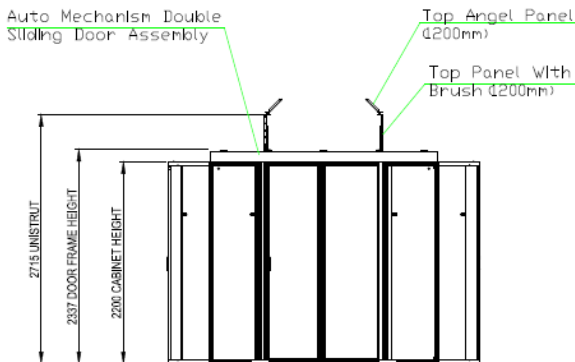


## FEATURES

- Modular design allows expansion
- Additional mounting or fixing kits not required
- Easy and fast deployment
- Fail safe design for roof system
- Available on automatic or manual dual sliding door
- Eliminates hot spots
- Light weight and compact design of aluminum and metal door
- UL94-v0 for the clear transparent panel



Typical drawing for semi containment with door containment, top panel and top angel panel

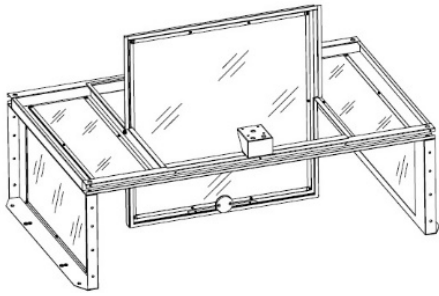


Typical drawing for 47U semi containment with door containment, top panel and top angel panel

## SLIDING DOOR

- Available in 37U, 42U, 45U, 52U and other heights
- Single or dual sliding doors
- Aluminum and metal door frame
- Transparent polycarbonate panels for better visibility
- Fire resistance panels
- Automatic Door / Automatic Mechanism Door Closure / Full Manual Door
- Black or light grey coating





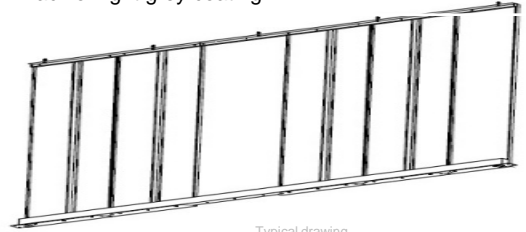
Typical drawing

### FILLER PANEL

- For uneven aisle ends or missing cabinet
- Available for floor stand and easy attach to cabinets
- Available in 37U, 42U, 45U and 52U heights
- Available for 600mm and 800mm width
- Metal or aluminum frame
- Black or light grey coating

### ROOF PANEL

- Aluminum and metal frame
- Manual transparent polycarbonate roof panel system
- Option with fail safe transparent polycarbonate roof panel system allow to work under fire suppression system
- Fire resistance panels
- Clear panels for light transmissibility
- Available for 600mm and 800mm width
- Fit for 1200mm aisle
- Black or light grey coating



Typical drawing

### ORDERING PART NUMBER – SINGLE / DUAL SLIDING DOOR & ROOF PANEL

Example: CAC-42U-DD-MD = Dual cold aisle containment door, 42U, 1200mm, Automatic Mechanism Door Closure

\*\*New part number maybe assigned and according to the drawing number\*\*

Character	C	A	C	-	A	B	C	D	E	F	G	H	I	G	K
Example	C	A	C	-	4	2	U	1	2	0	0	D	D	M	D

#### ABC – HEIGHT (U) & ROOF PANEL

37U = 37U, 1200mm  
 42U = 42U, 1200mm  
 45U = 45U, 1200mm  
 52U = 52U, 1200mm  
 Or other height options  
 RPN = Roof Panel

#### DEFG – WIDTH (MM)

0600 = 600mm  
 0800 = 800mm  
 1000 = 1000mm  
 1200 = 1200mm  
 Or other width options

#### HI – DESCRIPTION

SD = Single Sliding Door  
 DD = Dual Sliding Door  
 RP = Roof Panel

#### GK – DESCRIPTION

AD = Automatic Door  
 FD = Full Manual Dual  
 MD = Automatic Mechanism Door Closure  
 MR = Manual Roof Panel  
 FR = Fail Safe Roof Panel

### ORDERING PART NUMBER - FILLER PANEL

Example: Cold aisle containment, 37U, 600mm Filler panel

Character	C	A	C	-	A	B	C	D	E	F	F	P
Example	C	A	C	-	3	7	U	6	0	0	F	P

#### ABC – HEIGHT (U)

37U = 37U  
 42U = 42U  
 45U = 45U  
 52U = 52U

#### DEF – WIDTH

600 = 600mm  
 800 = 800mm

All information and specifications are subject to change without notice.

