



AISLE CONTAINMENT SOLUTION

COLD AISLE CONTAINMENT

INTRODUCTION

Lux offers standard and customized cold aisle containment solutions that can help reducing the energy consumption by eliminating the mixing of hot and cold air in the data center.

COLD AISLE CONTAINMENT

Lux's cold aisle containment solutions can easily adapt to challenges such as limited ceiling height and limited headroom conditions. The cold aisle containment with modular design is fully compatible with Lux's standard 37U, 42U, 45U and 47U cabinets in row-based. Our cold aisle containment is also able to get along with third parties' standard cabinets.

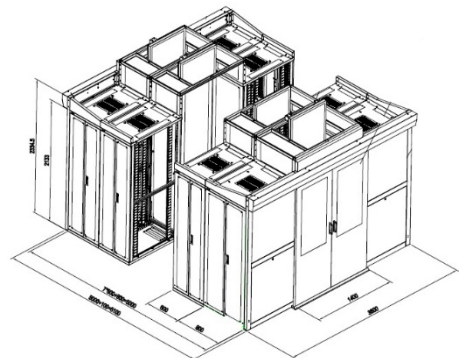
Dual sliding door, roof panel and filler panel are the main components of the cold aisle containment solutions. The roof panel system is designed with fail safe feature that can work under the fire suppression system and allow auto flip when triggered by fire alarm systems. Other air-flow management accessories are also available to maximize the cooling and power efficiency of the solutions.

If the standard cold aisle containment solution is not suitable for your data center environment, we also provide customization based on your requirement.



FEATURES

- Modular design allows expansion
- Not requiring additional mounting or fixing kits
- Easy and fast deployment
- Fail safe design for roof system
- Available in automatic or manual dual sliding door
- Eliminates hot spots



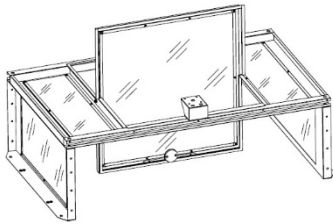
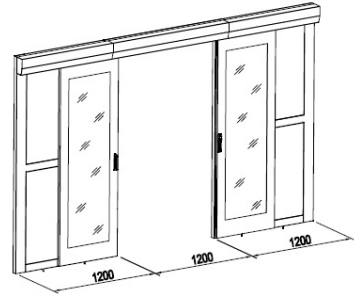
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DUAL SLIDING DOOR

- Available in 37U, 42U 45U and 47U heights
- Steel or aluminum
- Automatic or manual door
- Digital or keyed lock
- Clear panels for better visibility
- Black coating

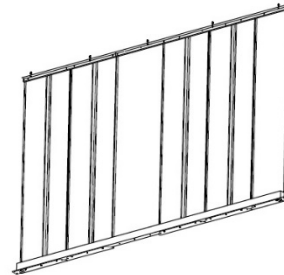


ROOF PANEL

- Steel or aluminum
- Fail safe roof panel system allows to work under fire suppression system
- Clear panels for light transmissibility
- Available in 600mm and 800mm width
- Fit for 1200mm aisle
- Black coating

FILLER PANEL

- For uneven aisle ends or missing cabinet
- Easy attach to cabinets
- Available in floor stand
- Available in 37U, 42U 45U and 47U heights
- Available in 600mm and 800mm width
- Black coating



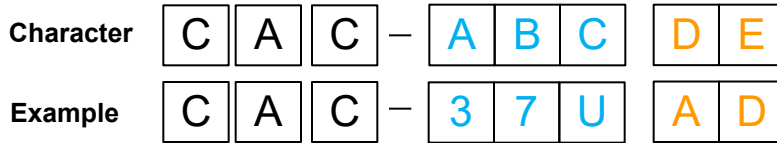
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ORDERING PART NUMBER - DUAL SLIDING DOOR & ROOF PANEL

Example: CAC-37UAD = Cold aisle containment, 37U, 1200mm, Automatic Dual

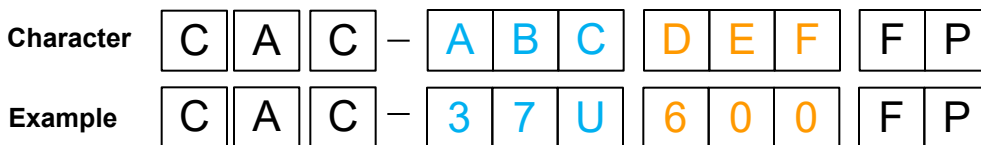


ABC – HEIGHT (U) & WIDTH (MM)
37U = 37U, 1200mm
42U = 42U, 1200mm
45U = 45U, 1200mm
47U = 47U, 1200mm
600 = 600mm (Roof Panel Only)
800 = 800mm (Roof Panel Only)

DE – DESCRIPTION
AD = Automatic Dual
MD = Manual Dual
RP = Roof Panel

ORDERING PART NUMBER - FILLER PANEL

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



ABC – HEIGHT (U)
37U = 37U
42U = 42U
45U = 45U
47U = 47U

DEF – WIDTH
600 = 600mm
800 = 800mm

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