

# RAft System

## Raised Access Floor technology

A RAft™ is an installation frame which is used under a cabinet, in place of a floor tile in raised floor installations, to provide extensive benefits.

### Advantages & Benefits

- The RAft sits on the pedestal heads integrating into the raised floor installation
- RAfts are bayed, just like cabinets
- Saves cost when compared to old fashioned installation methods
- Saves considerable installation time
- No tile cutting needed - saving further cost and mess
- Provides massive cable entry through base
- Base air flow is exceptional but may be sealed with Cannon diaphragm
- Secures cab to pedestal system avoiding the need for tie bars to the floor substrate
- Rigidifies lateral movement of raised floor installation
- Allows minimised aisle widths and avoids cut tiles in aisle even for 1000mm deep cabinets as tiles in aisle slide under cabinet
- Tiles in aisle can be lifted due to clearance of raised cabinet base (cabinet sits 50mm above tile surface)
- RAft accessories include brackets for commando connectors enabling power connections at RAft level avoiding the need to enter floor void for power connection to PDUs etc



- Saves pedestal costs, no tile cutting, speedier install, simplifies planning
- Avoids the need for intermediate pedestals. Only 600mm pitch pedestals are required, as no cut tiles means no intermediate pedestals



RAft has been shown highlighted in red

### Order Codes

#### 600mm wide

To suit cab footprint	Central	Rear overhang
600 × 600	435B02606020	-
600 × 800	435B02608020	435B02608025
600 × 1000	435B02609920	435B02609925
600 × 1200	435B02601220	-

#### 700mm wide

To suit cab footprint	Central	Rear overhang
700 × 600	435B02706020	-
700 × 800	435B02708020	435B02708025
700 × 1000	435B02709920	435B02709925
700 × 1200	435B02701220	-

#### 800mm wide

To suit cab footprint	Central	Rear overhang
800 × 600	435B02806020	-
800 × 800	435B02808020	435B02808025
800 × 1000	435B02809920	435B02809925
800 × 1200	435B02801220	-

Size conversions: 1U = 44.45mm = 1 3/4"    600mm = 24"    700mm = 28"    800mm = 32"    1kg = 2.2lbs

# RAFt System

## Raised Access Floor technology

The Cannon RAFt System is compatible with the majority of Raised Access Floors with a modular tile size of 600mm x 600mm in current use worldwide.

Installation of the Cannon RAFt System is very simple as the system is designed to replace complete floor tiles in Raised Access Flooring where Cannon cabinets are to be installed.

### RAFt Depth

The RAFt consists of a series of individual 'picture frames' which are bolted together and which always have the same depth (front-to-back) dimension as a floor tile (600mm). Cabinets with a depth (front-to-back) dimension greater than 600mm, overhang the RAFt equally at front and rear, i.e. a 900mm cabinet would overhang the RAFt by 150mm at the front and rear or may be offset/aligned with front of cabinet or rear. However, the RAFt raises the cabinet above the floor sufficiently to allow the overhung tiles to be raised vertically and slid sideways for access to the under floor void.

### RAFt Width

It is preferable that the frame width matches the cabinet width (600, 700 or 800mm).

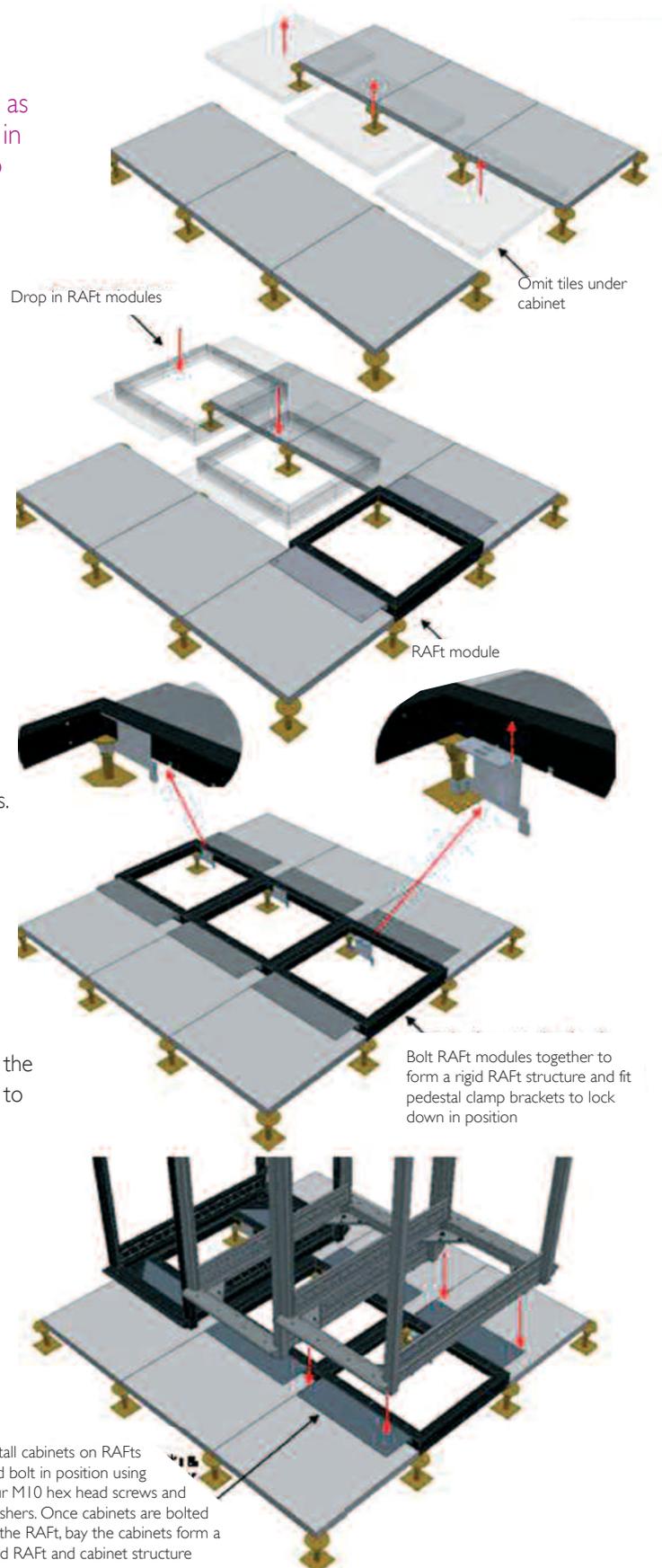
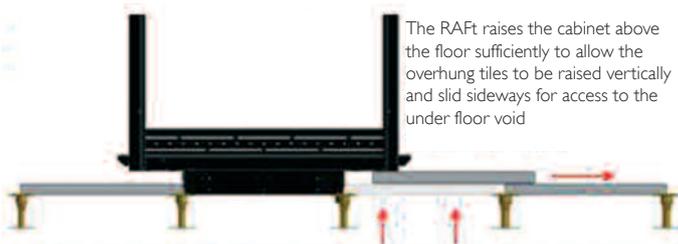
### RAFt System Clamps

Single front & rear clamps (Order code: 307C11180500) - for use where stringers are not present. These clamps are slotted for adjustment and clamp to the underside of the pedestal heads. Four clamps per cabinet should be used, one in each corner, however, if the cabinets are securely bayed together it may be considered adequate to use two per cabinet (one front & rear). It is recommended that the end cabinets in a row, each have four clamps fitted, or at least the clamps should be to the 'outside' of these cabinets.

### RAFt SYSTEM & Raised Floor side view

The RAFt raises the cabinet above the floor sufficiently to allow the overhung tiles to be raised vertically and slid sideways for access to the under floor void.

RAFt System & raised floor side view



Size conversions: 1U = 44.45mm = 1 3/4"    600mm = 24"    700mm = 28"    800mm = 32"    1kg = 2.2lbs

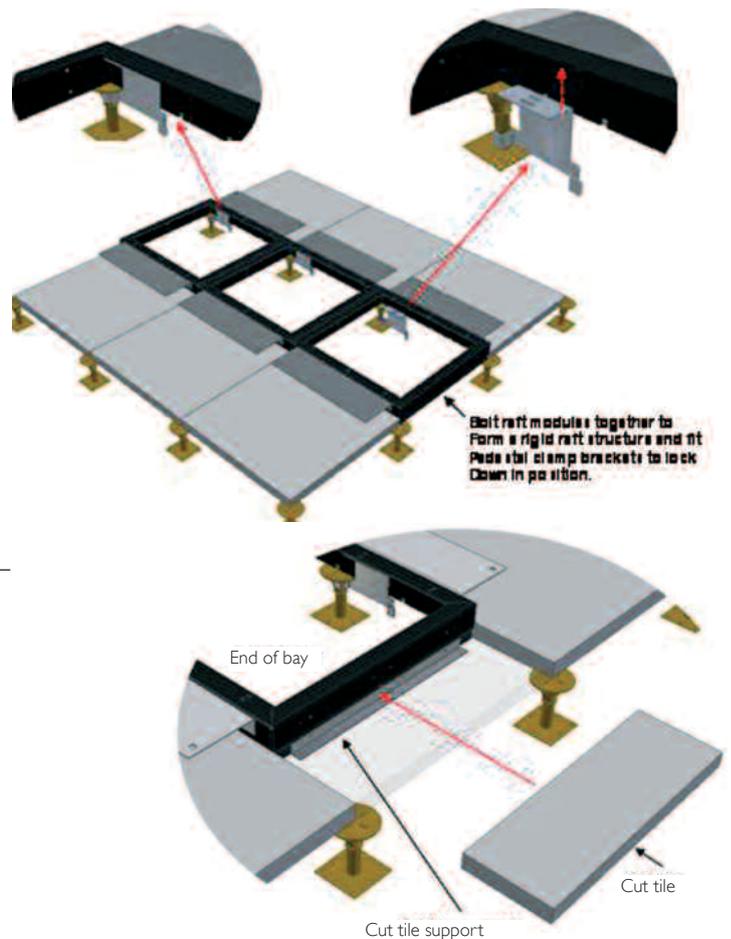
# RAFt System

## Brackets

### RAFt SYSTEM 600, 700 & 800 wide versions

#### RAFt Width

It is preferable that the frame width matches the cabinet width (600, 700 or 800mm). A 700 wide or 800 wide RAFt is laid out in the same manner as the 600 wide RAFt except from the position of clamp brackets and the end of raft position. Where a RAFt is built up from a multiple of frame widths other than the tile modular width of 600mm, it is likely that a part tile will be needed to act as a 'filler' at the end of the bay. A bracket is available (Order code: 307C00025002 cut tile support ) which bolts to the end of the RAFt to support this part tile. However, installers should check with the flooring manufacturers as to whether extra pedestals are also required to maintain the integrity/warranty of the floor system.



#### RAFt Brackets

##### RAFt Stringer Clamp

Individual clamps for use with floor stringers which hook under the stringers to prevent cabinet tipping. Four clamps per cabinet recommended, one in each corner. However, if the cabinets are securely bayed together one clamp may be used at the front and the rear. The end cabinets should still have four clamps each.

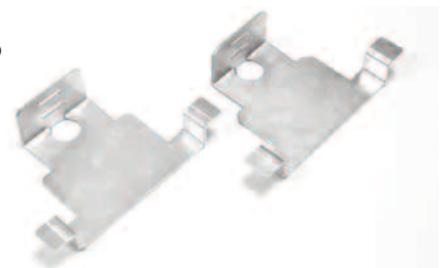
##### RAFt Pedestal Clamp

Single front and rear clamps for use when stringers are not present. These clamps are slotted for adjustment and clamp to the underside of the pedestal heads. Four clamps per cabinet recommended, one in each corner. However, if the cabinets are securely bayed together one clamp may be used at the front and the rear. The end cabinets should still have four clamps each.

##### RAFt Pedestal Clamp - 600 Centres

Double side clamps for use when stringers are not present. These clamps are slotted for adjustment and clamp to the underside of the pedestal heads. Two clamps per cabinet recommended, one on each side. However, if the cabinets are securely bayed together one clamp may be used. The end cabinets should still have two clamps each.

RAFt Stringer Clamp



RAFt Pedestal Clamp



RAFt Pedestal Clamp - 600 Centres

#### Order codes

Order code	Description
307C01200505	RAFt Stringer Clamp
307C11180500	RAFt Pedestal Clamp
307C12126003	RAFt Pedestal Clamp - 600 Centres

Size conversions: 1U = 44.45mm = 1 3/4" 600mm = 24" 700mm = 28" 800mm = 32" 1kg = 2.2lbs