Secure Rack Solutions

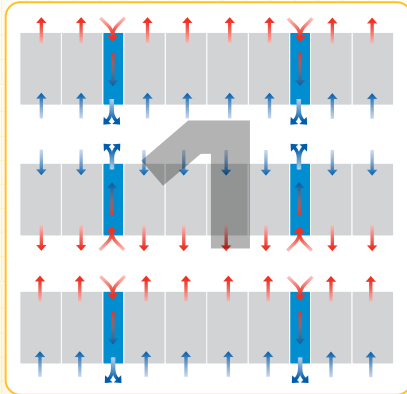**High Density**

SRA

www.server-racks-australia.com.au

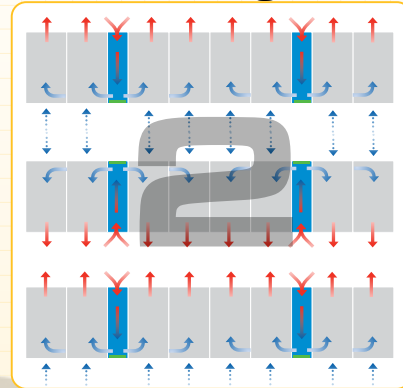| COMM Low Density	iPAMM Medium Density	HDC High Density	GCG Low Density	GCG Medium Density	GCG High Density	SCEC Low Density	SCEC Medium Density	SCEC High Density

Why Server Racks Australia?

SRA offers a range of high density containment solutions able to support cabinet loads up to 30kW per cabinet. The containment solutions available include HOT and COLD aisle containment, ducted airflow systems, in-row cooling systems or any combination of the three.
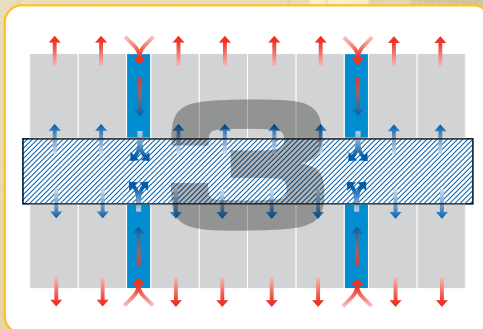
Traditional cooling

- Close coupled cooling
- Configured to meet density requirements
- Can be used in conjunction with perimeter cooling
- Suitable for Commercial and SCEC endorsed cabinets.
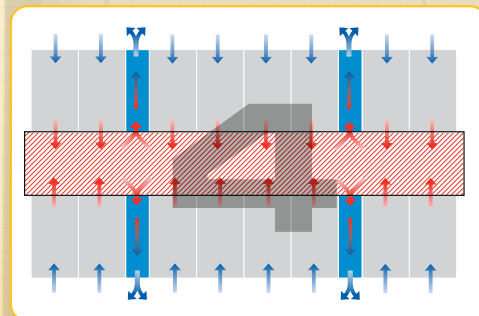
Semi closed circuit cooling

- Direct coupled cooling (air delivered directly to ICT equipment)
- Configured to meet density requirements
- Can be used in conjunction with perimeter cooling
- Suitable for Commercial and SCEC endorsed cabinets
- Improved cooling performance and efficiency
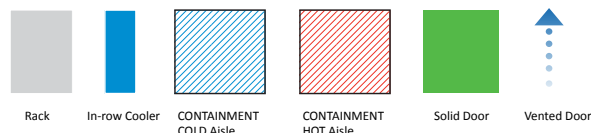
COLD aisle containment

- Close coupled cooling
- Separation of COLD and HOT air streams
- Configured to meet density requirements
- Can be used in conjunction with perimeter cooling
- Suitable for Commercial and SCEC endorsed cabinets
- Improved cooling performance and efficiency
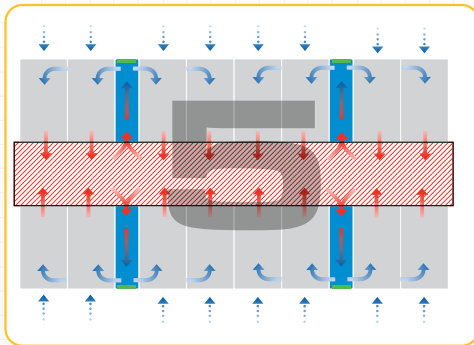
HOT aisle containment

- Close coupled cooling
- Separation for COLD and HOT air streams
- Configured to meet density requirements
- suitable for Commercial and SCEC endorsed cabinets
- Supports integrated fire detection
- Improved cooling performance and efficiency

Legend

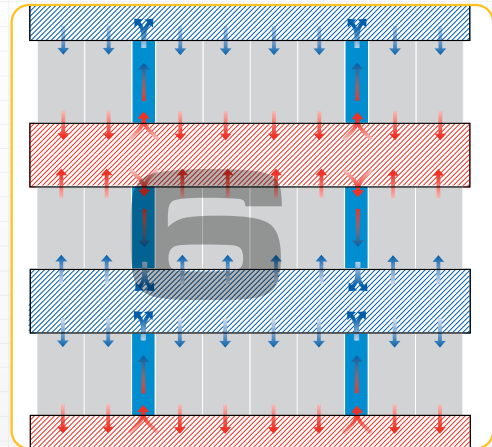| Rack | In-row Cooler | CONTAINMENT COLD Aisle | CONTAINMENT HOT Aisle | Solid Door | Vented Door |

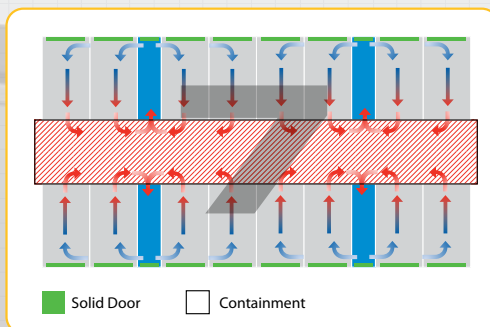## HOT aisle containment with Semi-closed cooling

- Direct coupled cooling (air delivered directly to ICT equipment)
- Configured to meet density requirements
- Suitable for Commercial and SCEC endorsed cabinets
- Supports integrated fire detection
- Excellent cooling performance and efficiency

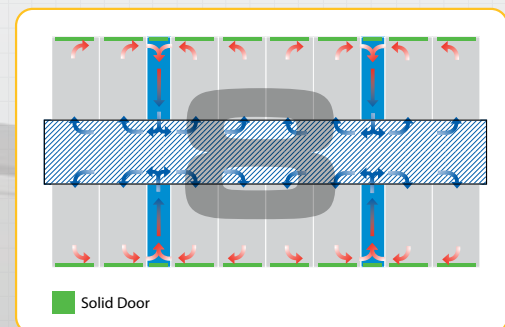## Closed circuit cooling Cold and HOT aisles contained

- Close coupled cooling
- Separation of COLD and HOT air streams
- Configured to meet density requirements
- Suitable for Commercial and SCEC endorsed cabinets
- Supports integrated fire detection
- Excellent cooling performance and efficiency

iPAMM Cell – HOT aisle

Solid Door   Containment

- Direct coupled cooling (air delivered directly ICT equipment)
- Separation of COLD and HOT air streams
- Configured to meet density requirements
- Suitable for Commercial cabinets
- Ideal for SCEC endorsed cabinets
- Supports integrated fire detection
- Supports gaseous fire suppression
- Excellent cooling performance and efficiency

iPAMM Cell – COLD aisle

Solid Door

- Direct coupled cooling (air delivered directly ICT equipment)
- Separation of COLD and HOT air streams
- Configured to meet density requirements
- Suitable for Commercial cabinets
- Ideal for SCEC endorsed cabinets
- Supports integrated fire detection
- Supports gaseous fire suppression
- Excellent cooling performance and efficiency

Increasing Efficiency of Containment Solutions

1 2 3 4 5 6 7 8

Upgradability

Server Racks Australia design our racks with your best interests in mind by providing you with the option of upgrading your rack, security or density, if or when you require. This is because of our unique Universal Frame.

Security upgrades

If extra security is required for your server rack it is possible to upgrade your doors and locking mechanisms to government endorsed locking systems (SCEC). This is achieved by upgrading from commercial to government or SCEC (class C or class B) doors and with the addition of secure cable entries. These additions can be made without removing the rack from service.

Cabinet Security/Density Matrix

	Standard Low Density	iPAMM Medium Density	HDC High Density
Commercial			
Government Commercial Grade			
SECURE (SCEC) Class C Class B			

Accessories

Cable Management
Power Distribution Units
Shelving Solutions
Blanking Panels
Fan Trays

A range of accessories are available to suit all rack sizes
For more information please see the accessories brochures or contact our sales department