



- INDUSTRIAL
- HAZARDOUS AREAS
- DATA ICT
- RESIDENTIAL COMMERCIAL



**B&R Enclosures**  
COLD AISLE CONTAINMENT

[brenclosures.com.au](http://brenclosures.com.au)

Increase your cooling efficiency whilst reducing power consumption.

## Cold Aisle Containment Solutions

Cold aisle containment is a method of increasing cooling efficiency, reducing power consumption and is intended to prevent air temperature zones from being mixed together in a data centre.

Cold air is fed through a false floor into a contained cold aisle. This air flows through the front of the server racks, removes the heat from installed equipment and is expelled as hot air through the rear of the cabinet. The hot air is then removed by the data centre air conditioning system.

Having the cold aisle contained means the area requiring cooling is much smaller and therefore less power is required by the C.R.A.C unit to keep it at the recommended temperature.

Cold aisle containment ensures businesses do not have to increase the cooling capacity within the data centre whilst increasing cooling efficiency and reducing costs.

The main benefits of cold aisle containment are:

- Avoids hot air short circuits
- Reduces the volume of air that needs to be cooled
- Improves efficiency of the cooling system considerably
- Energy cost savings

Installing a cold aisle in a workplace improves the working environment for staff, as the room does not need to be kept at a low ambient temperature. Even the cold aisle can often be warmer than that of an uncontained data centre. An uncontained data centre needs to have its air conditioning set for the installation that requires the most cooling, wherever that is within the data centre.

B&R Enclosures' cold aisle containment systems are quoted on a project basis after an on-site consultation with one of our experienced sales engineers.



## AUSTRALIA

### Sales

T: 1300 Enclosures (1300 362 567)  
F: 1300 796 599  
E: sales@brenclosures.com.au  
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### QUEENSLAND

Brisbane Manufacturing, Sales & Warehouse  
51 Stradbroke Street  
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### NORTH QUEENSLAND

Townsville Sales & Warehouse  
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### NEW SOUTH WALES

NSW & ACT Sales & Warehouse  
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### NEWCASTLE Distribution

Ross Joice Agencies Pty Ltd  
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### VICTORIA

VIC & TAS Sales & Warehouse  
50-52 Sunmore Close  
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T: +61 3 9552 0552  
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### TASMANIA Distribution

W P Martin Pty Ltd  
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### SOUTH AUSTRALIA

SA & NT Manufacturing, Sales & Warehouse  
505 Grand Junction Road  
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### NORTHERN TERRITORY Distribution

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## NEW ZEALAND

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## SOUTH EAST ASIA

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### MALAYSIA Distribution

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### INDONESIA Distribution (Office)

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## MIDDLE EAST

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### UAE Distribution

Engineering Support Systems Est.  
PO Box 33904 Defence Street  
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Abu Dhabi, UNITED ARAB EMIRATES  
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### OMAN Distribution

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