

# IP 54 Rated - enclosures

To complement the PI range of enclosures we have re-launched the improved range of IP enclosures. This cabinet range has been designed to provide ingress protection to an IP54 rating and can be deployed within areas of high dust and moisture. The range provides a protected solution for cable entry and can be cooled with the use of filtered fan units. All apertures are internally supported with compression gaskets for protection.

## IP Rated enclosures

The sizes available have been selected to meet the requirements of all data and server cabinet installations and these are available in a choice of colours. The internal configuration includes fully adjustable mounting profiles and vertical cable management on 800mm wide cabinets.

The removable filters supplied attached to the external fixings of the fan units can be easily removed and replaced to extend the life of the cabinet. A 100mm high cabinet plinth with protected cable entry system is included with every cabinet.



Goose Grey  
RAL 00A05



Black  
RAL 9005



## Typical applications

- Networking/cabling
- 19" Electronic equipment housing which requires ingress protection
- IT telephony systems
- Data centre

## Standard features

- Available in all standard heights
- Widths: 600mm or 800mm
- Four depths: 600mm, 800mm, 1000mm & 1200mm
- Four adjustable 19-inch mounting posts allowing universal equipment mounting
- Two removable and lockable side panels
- Solid metal front door with 3 point locking and hot swappable fan unit
- Solid metal rear door with 3 point locking and outlet filtered vents
- Water repellent roof design
- Base gland plate
- Four transit castors supplied fitted
- LED on/off indicator on fan unit

## Benefits and additional features

- Removable filter units for inlet & outlet fans
- Double layer cable entry protection
- Vendor neutral mounting profiles
- Three point locking solutions front & rear
- Front to rear fan assisted airflow: 3 way fans on 800mm cabinets and 2 way fans on 600mm cabinets
- New design allow cabinets to be bayed with any other IP or PI enclosure
- Thermostatically control options



Optional thermostatic control on inlet fans



Inlet and exhaust fans with filters



Internal IP rated gasket

The IP range of enclosures can be supplied with a choice of doors for the front and rear of the cabinet. These include enclosed

glass, solid metal and wardrobe style options. The cabinets are of a sealed and welded construction and therefore access needs

to be considered for the larger units.



Internal IP Rated gasket



Inlet and exhaust fans with filters



Lever latch with 3 point locking



Filtered exhaust gills at top of rear door



Steel frame chassis

### Security options

- Three point door locking system as standard
- Individual key and combination locking options
- Standalone and network configurable electronic locking options available.



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## SPECIFICATION & ORDERING CHART

### 600mm and 800mm wide enclosures



Model shown: CAB4288-IP54

Product code	U height	Width (mm)	Depth (mm)	Height (mm)	Weight (kg)
CAB2766-IP54	27U	600	600	1360	120
CAB2788-IP54	27U	800	800	1930	130
CAB27810-IP54	27U	800	1000	1930	135
CAB4268-IP54	42U	600	800	2070	180
CAB42610-IP54	42U	600	1000	2070	190
CAB4286-IP54	42U	800	600	2070	180
CAB4288-IP54	42U	800	800	2070	185
CAB42810-IP54	42U	800	1000	2070	190
CAB4268-IP54	47U	600	800	2205	180
CAB42610-IP54	47U	600	1000	2205	190
CAB4286-IP54	47U	800	600	2205	180
CAB4288-IP54	47U	800	800	2205	185
CAB42810-IP54	47U	800	1000	2205	190

### IP ratings

0	No protection	No protection
1	Protected against solid objects over 50mm e.g. hands, large tools.	Protected against vertically falling drops of water or condensation.
2	Protected against solid objects over 12.5mm e.g. hands, large tools.	Protected against falling drops of water, if the case is disposed up to 15 from vertical.
3	Protected against solid objects over 2.5mm e.g. wire, small tools.	Protected against sprays of water from any direction, even if the case is disposed up to 60 from vertical.
4	Protected against solid objects over 1.0mm e.g. wires.	Protected against splash water from any direction.
5	Limited protection against dust ingress. (no harmful deposits)	Protected against low pressure water jets from any direction. limited ingress permitted.
6	Totally protected against dust ingress.	Protected against high pressure water jets from any direction. limited ingress permitted.
7	N/A	Protected against short periods of immersion in water.
8	N/A	Protected against long, durable periods of immersion in water.



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## Related accessories



Shelves



Power distribution units



Cable management