Hallam

QR Series Rack Cabinets

Hallam
MANUFACTURING PTY. LTD.

QR Series Rack Description

The new QR Series of rack cabinets has been created to cater for companies with limited budget capacities. Designed to accommodate both 19" and 21" mounting platforms, to EIA or ETSI standards. These inexpensive rack cabinets offer many oustanding features normally associated with larger, more expensive systems. With a full range of optional accessories, the QR Series is the ideal solution for all your installation requirements.

1 Frame

The fully welded frame ensures stability when under load conditions. With this unique designed frame both 19" and 21" mounting options can be used in this cabinet. Cable entry is through the rear of the frame below door level via removable cover plates. The base of the frame at the front has prepunched ventilation slots to assist in air circulation through the equipment. Through floor cable entry is accommodated for, with the open base area.

Material: ***2.0mm Zinc Coated Steel***
Finish ***Powdercoat-Ripple***

2A Metal Doors

Metal doors can be fitted to the front or rear of the cabinet. The doors come ready assembled to the rack with keylocking and pull-pin, quick release hinges. This hinging arrangement allows for the doors to be easily hinged, left or right hand swing.

Material: ***1.0mm Zinc Coated Steel***
Finish: ***Powdercoated***

2B Perspex Doors

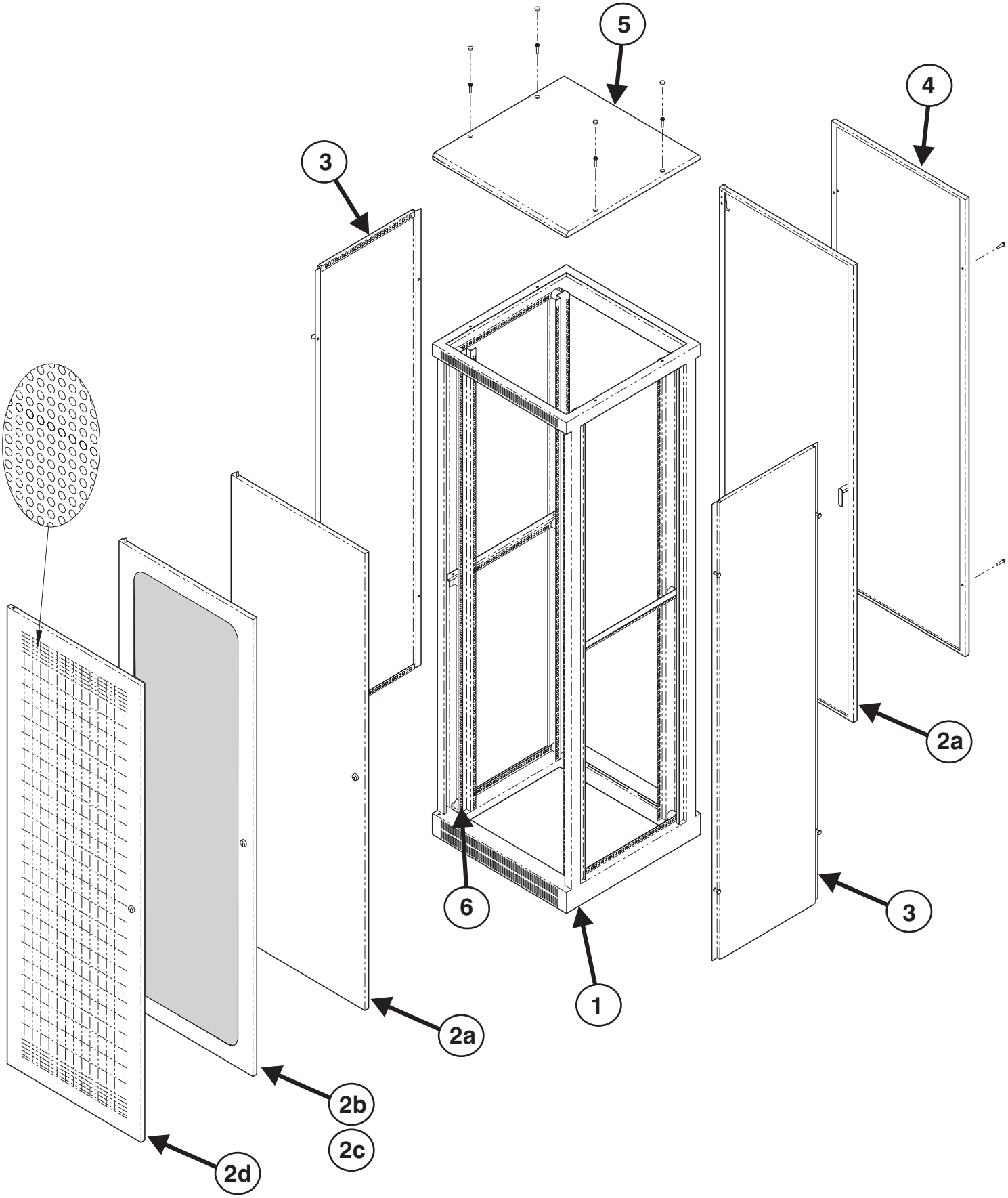
Perspex doors can be fitted to the front or rear of the cabinet. The door is constructed from a metal frame and perspex insert for viewing of equipment functions. The doors come ready assembled to the rack with keylocking and pull-pin, quick release hinges. This hinging arrangement allows for the doors to be easily hinged, left or right hand swing.

Material: ***1.0mm Zinc Coated Steel***
4.5mm tinted perpex
Finish: ***Powdercoated***

2C Glass Doors

Glass doors can be fitted to the front or rear of the cabinet. The door is constructed from a metal frame and glass insert for viewing of equipment functions. The doors come ready assembled to the rack with keylocking and pull-pin, quick release hinges. This hinging arrangement allows for the doors to be easily hinged, left or right hand swing.

Material: ***1.0mm Zinc Coated Steel***
4.5mm tinted glass
Finish: ***Powdercoated***


5
4
3
2a
6
3
1
2a
2b
2c
2d

Component View Of The QR Series Rack System

2D Metal Doors
(Perforated venting)

These doors provide the optimum airflow through the cabinet and equipment. This style of venting is recommended by many of the server manufacturers to maintain equipment performace. The doors come ready assembled to the rack with keylocking and pull-pin quick release hinges. This hinging arrangemment allows for the doors to be easily hinged, left or right hand swing.

Material: 1.2mm Zinc Coated Steel
Finish: Powdercoated

3 Side Panels

The side panels sit flush to the frame so that the 600mm width dimension is maintained for computer floor griding. The sides are removed by releasing the quick release push-pull nylatch. Optional locking and securing of side panels, as well as ventilation slots, are available, if specified at a time of ordering.

Material: 1.0mm Zinc Coated Steel
Finish: Powdercoated

4 Rear Panel

The rear panel is a cost effective alternative to having a door at the rear if access is not a priority to rear of the cabinet. The rear panel is fixed via recessed screws so that the head of the screws are flush with the panel. As required the panel can be removed for access to the rear of the cabinet.

Material: 1.0mm Zinc Coated Steel
Finish: Powdercoated

5 Top Panel

The top panel sits flush to the rack frame via screw fastening. This panel comes with a prepunched removable panel that allows for quick mounting of fan trays. The option of cable entry cutouts complete with foam or brushed cable protection are available, punched to suit specific requirements as specified at a time of ordering.

Material: 1.0mm Zinc Coated Steel
Finish: Powdercoated

6 Panel Mounting Members

This part of the frame structure is for 19" or 21" mounting. They are prepunched with the caged nut holes along the RU height of the rack. Four mounting members are supplied as standard and the design of the standard mounting member eliminates the need to have shelf rails. “L” shaped or “file server rails” are available to accept mounting of the telescopic rails used on the rack mount servers, shelf brackets are supplied in this configuration. 19" rails are mounted using a spacer which also allows for the mounting of vertical cable support brackets.

Material: 2.0mm Steel
Finish: Plated zinc passivate – yellow

7 Fan Trays

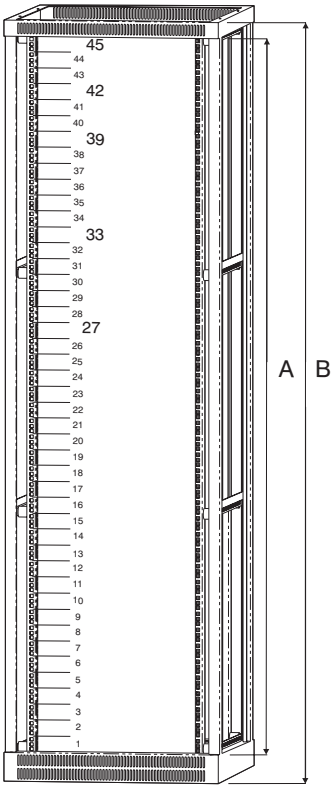
The design of mounting fans allows for fitment of fan trays as required. All fans are prewired in the configurations chosen from the below table matching the depth of the cabinet used. All fans used are of ball bearing construction for long life usage.

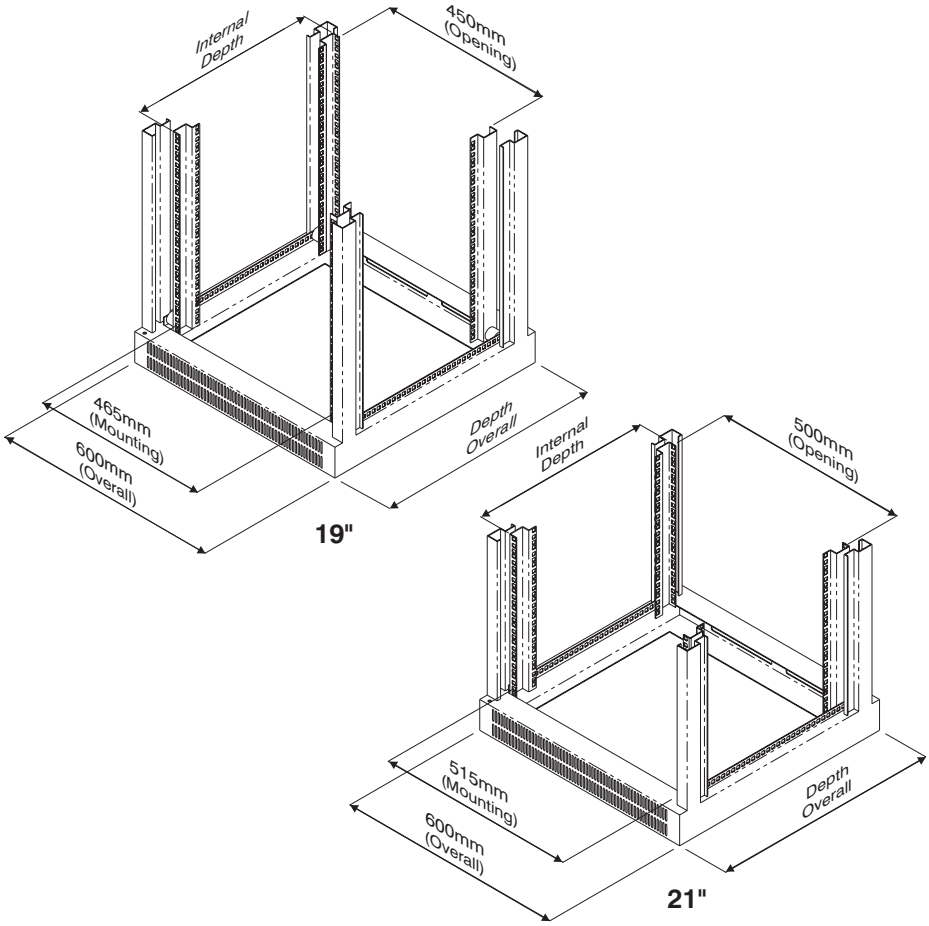
Material: Zinc Coated Steel
Finish: Powdercoated

PART Number	DEPTH		
	600	800	900
QFT26000	2 fans		
QFT46000	4 fans		
QFT28000		2 fans	
QFT48000		4 fans	
QFT68000		6 fans	
QFT29000			2 fans
QFT49000			4 fans
QFT69000			6 fans
QFT89000			8 fans

Specifications

Design criterea to International Standard IEC 297





MODEL Number	Rack Unit	Height B	Mounting Option – 19"	Mounting Option – 21"	Depth Overall	Depth Internal
QR276000A	27	1327.15	✓		600.0mm	480.0mm
QR278000A	27	1327.15	✓		800.0mm	680.0mm
QR279000A	27	1327.15	✓		900.0mm	780.0mm
QR276000B	27	1327.15		✓	600.0mm	480.0mm
QR278000B	27	1327.15		✓	800.0mm	680.0mm
QR279000B	27	1327.15		✓	900.0mm	780.0mm
QR336000A	33	1593.85	✓		600.0mm	480.0mm
QR338000A	33	1593.85	✓		800.0mm	680.0mm
QR339000A	33	1593.85	✓		900.0mm	780.0mm
QR336000B	33	1593.85		✓	600.0mm	480.0mm
QR338000B	33	1593.85		✓	800.0mm	680.0mm
QR339000B	33	1593.85		✓	900.0mm	780.0mm
QR396000A	39	1860.55	✓		600.0mm	480.0mm
QR398000A	39	1860.55	✓		800.0mm	680.0mm
QR399000A	39	1860.55	✓		900.0mm	780.0mm
QR396000B	39	1860.55		✓	600.0mm	480.0mm
QR398000B	39	1860.55		✓	800.0mm	680.0mm
QR399000B	39	1860.55		✓	900.0mm	780.0mm
QR426000A	42	1993.90	✓		600.0mm	480.0mm
QR428000A	42	1993.90	✓		800.0mm	680.0mm
QR429000A	42	1993.90	✓		900.0mm	780.0mm
QR426000B	42	1993.90		✓	600.0mm	480.0mm
QR428000B	42	1993.90		✓	800.0mm	680.0mm
QR429000B	42	1993.90		✓	900.0mm	780.0mm
QR456000A	45	2127.25	✓		600.0mm	480.0mm
QR458000A	45	2127.25	✓		800.0mm	680.0mm
QR459000A	45	2127.25	✓		900.0mm	780.0mm
QR456000B	45	2127.25		✓	600.0mm	480.0mm
QR458000B	45	2127.25		✓	800.0mm	680.0mm
QR459000B	45	2127.25		✓	900.0mm	780.0mm

Features

At Hallam Manufacturing we have created the ideal rack cabinet system to suit your every need. Coupled with our wide range of accessories and options, these cabinets offer outstanding features such as:

- ☐ **Fully welded frame construction**
- ☐ **Quick release side panels**
- ☐ **19" & 21" mounting options**
- ☐ **Interchangeable door hinge**
- ☐ **Metal, perspex, glass door options**
- ☐ **Inbuilt passive ventilation**
- ☐ **Multiple cable entry points**
- ☐ **Cost effective solution**
- ☐ **Accessories to compliment installations**

CABLES PLUS

Authorised Hallam Rack Distributor

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