

Willsher and Quick Ltd

HIGH TECHNOLOGY ENCLOSURE SOLUTIONS

RS COMPONENTS TECHNICAL DATA SHEET

PART No – A4268RS

OVERVIEW

42U High x 600 Wide x 875 Deep Access Rack Complete With

- Part Ventilated Glass Front Door – Steel Rear Door
- 4 x 19" Mounts – Set of Side Panels

STRUCTURE

Designed for loads up to 750kg and tested to 900kg* when supported equally on the vertical panel mounts.

FRAMEWORK

The rack has a top and bottom tubular frame, which is clad with sheet steel fascias and connected by two vertical aluminium extrusions. (UK and World-wide Patents Pending)

FRAME MATERIALS

| | |
|------------------|---|
| Tubular Frame | 25 x 25 x 2.5 Wall Thickness Mild Steel Tube with 2.0mm Welded plates |
| Fascias | 1.2mm CR4 Mild Steel Zinc-coated to 2.5 Microns |
| 19" Panel Mounts | 2.0mm CR4 Mild Steel |
| Centre Verticals | Aluminium Extrusion (2.97kg Per Metre Density) |
| Corner Trims | 25% Glass filled Nylon 6 – Self colour |

PANEL MATERIALS

| | |
|----------------------|--|
| Side and Top Panels | 1.2mm CR4 Mild Steel |
| Front Door Metalwork | 1.5mm CR4 Mild Steel |
| Front Door Glass | 4.0mm Thick Toughened Grey Tinted Glass to BS6206 1981 |
| Rear Door | 1.5mm CR4 Mild Steel |
| Hinge Mouldings | 25% Glass filled Nylon 6 – Self colour |

19" PANEL MOUNTS

Conforming to IEC 297 standard with mounting facilities for universal front fixing and WQ side mounting accessories.

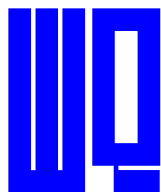
FIXINGS AND HARDWARE

| | |
|-------------------|--|
| Main fixings | M6 Socket Set Screws – 10.9 Tensile Strength |
| Extrusion fixings | M6 Hex Head Screws – 8.8 Tensile Strength |
| Hinge fixings | M5 Socket Head Screws – 8.8 Tensile Strength |

* Written Details On Request



View Of 42U x 800
Wide x 875 Deep
Racks with Plinths



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IP RATING – IEC 529

IP20

SECURITY

Each door has a central, pull out and turn locking handle with two point locking. Doors are LH Hinged as standard but can be supplied or converted to RH Hinged.

Side panels are internally released using spring loaded pin mechanisms.

SECURITY MATERIALS

| | |
|-----------------|---------------------------|
| Handle | Nylon 66 – Self Colour |
| Lock Rod Guides | Nylon 6 - Natural |
| Locking Rods | Mild Steel Bar – 8mm Dia. |

ACCESSORIES

Specific to Rack – Top Fan Trays, QRSV Shelving

Universal – All front mounting accessories using the front 19" panel mounts

FINISH

Corner Mouldings, Door Hinge Mouldings, Door Lock Assembly

Natural Colour System NCS-4550-R90B Blue (VDI 22 Texture)

Vertical Extrusions

Mixed Metal Iron Phosphate Pre-treatment Brent Pyrene 269

Natural Colour System NCS-4550-R90B Blue Structured Epoxy Polyester Powder DFT 50 Microns

Fascias, Top Panels, Side Panels and Doors

Mixed Metal Iron Phosphate Pre-treatment Brent Pyrene 269

Natural Colour System NCS-1502-Y Light Grey Structured Epoxy Polyester Powder DFT 50 Microns

Panel Mounts, Top Panel Fixing Channels, Lock Rods and Fixing Screws

Zinc and yellow passivate to BS 1706 1990 Fe/zn5c2c

OVERALL DIMENSIONS

2010 High x 600 Wide x 875 Deep