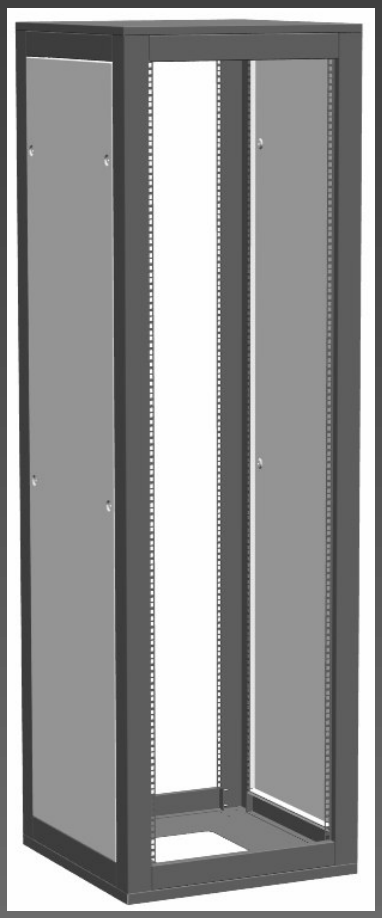
er 19” economy Racks

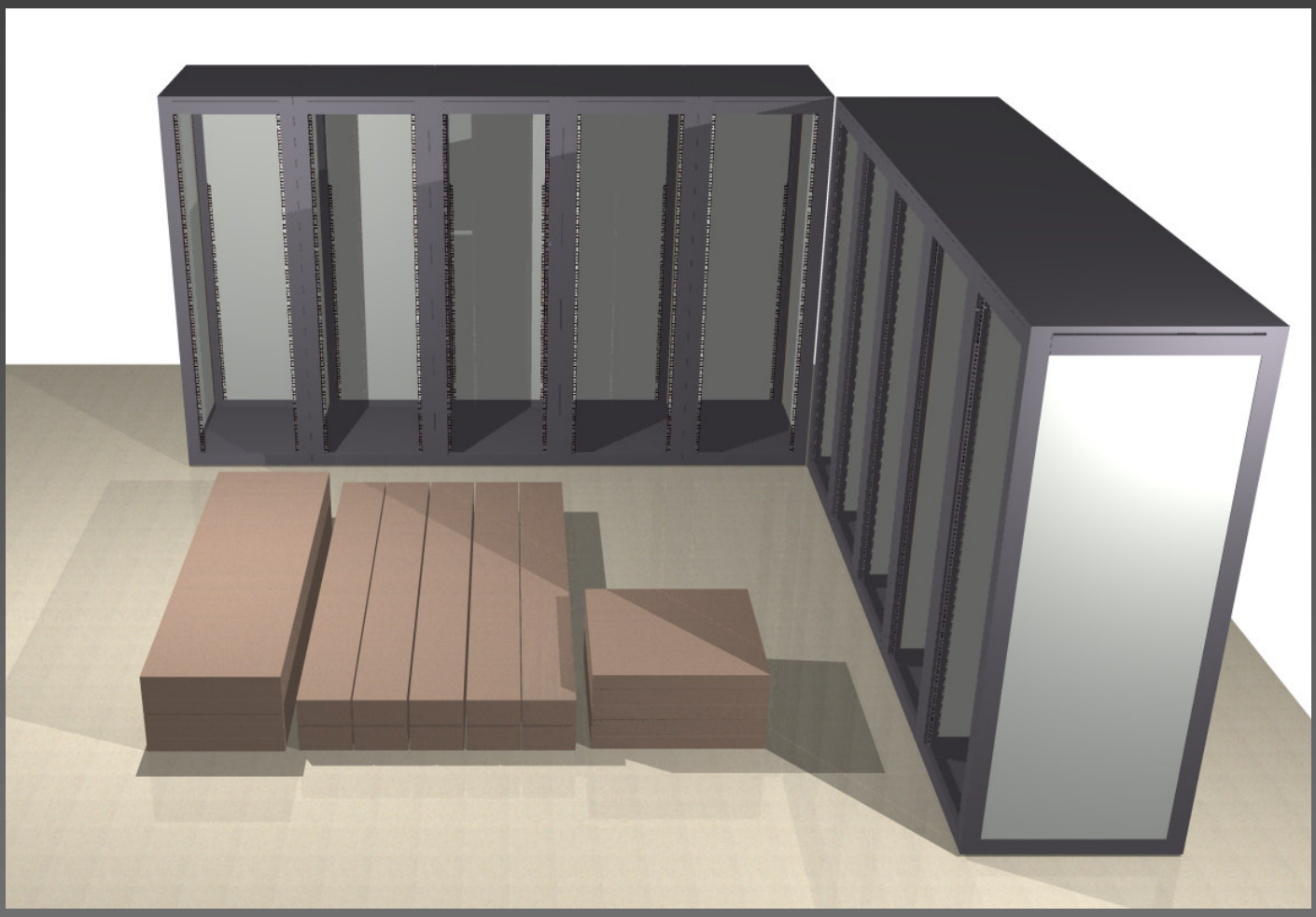


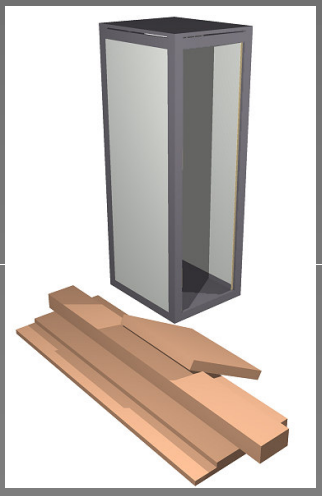
Practical
Versatile
Cost Effective



ER Series 19" Rack Frames are low cost, Medium Duty units suitable for general purpose applications.
Vertical Frame Sections have integral Rack Stripping .
Frame units are supplied `Flat-Pack'. Assembly is straight forward and requires no special tools or skills.
Frames are Dark Grey and Panels are Light Grey.

er 19” economy Racks





A major consideration with most 19” enclosures is the cost of shipping. The choice is usually between shipping assembled cabinets and
effectively paying a hefty premium to move air about, or having to deal with often time consuming and complicated assembly tasks.

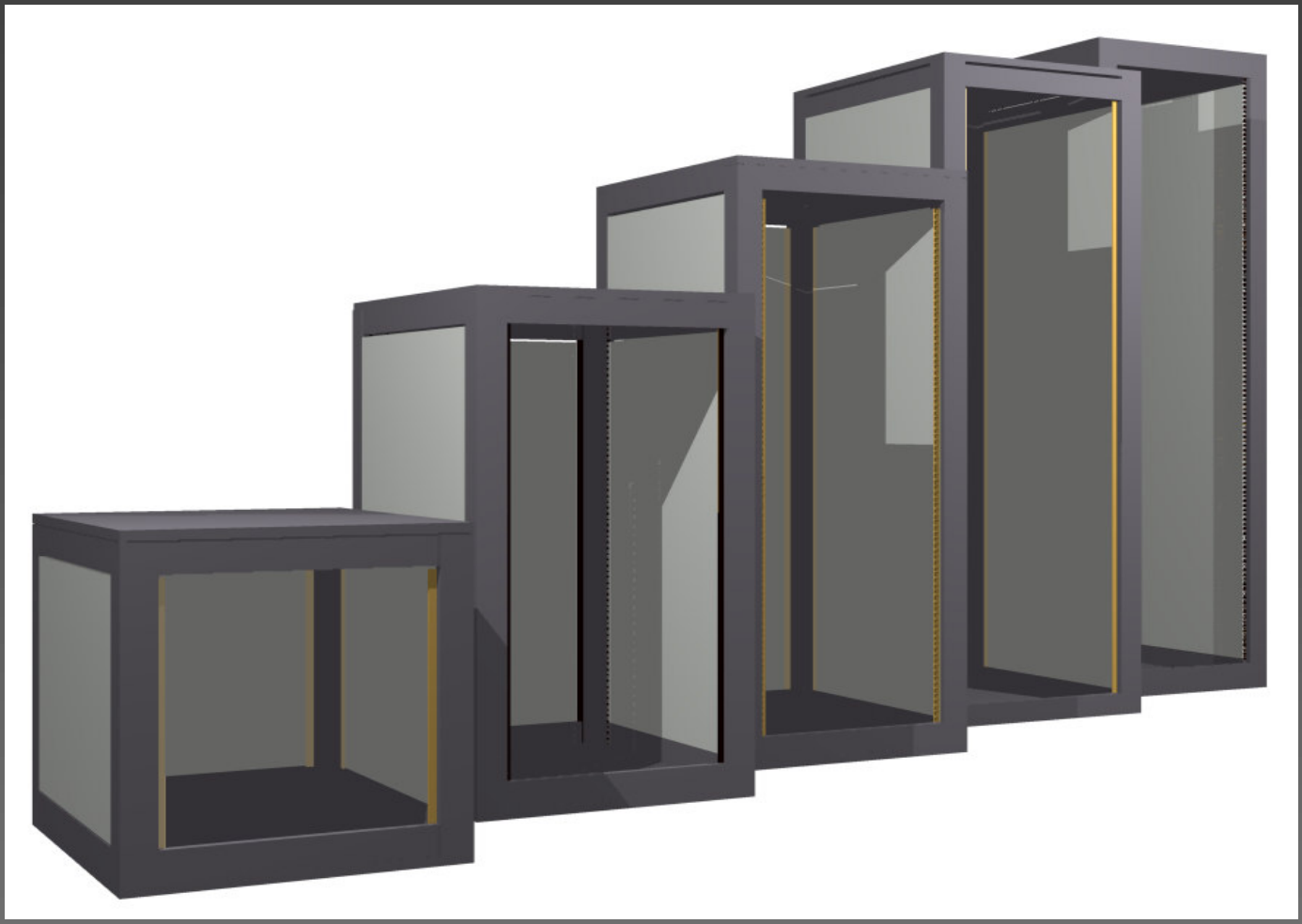
‘ER’ Racks have been designed to minimise these problems, being very easy to assemble and very compact to ship in ‘Flat-Pack’ form.

The above illustration showing ten 42RU racks, both assembled and packed, gives a good idea how compact ‘ER’ racks are in their shipping cartons.

A low initial price coupled with economy of shipping makes the ‘ER’ rack system a very cost effective solution for many applications.

er

ER Rack Standard Rack assembled sizes



Code	Rack Units	Hx Wx D	Weight (Frame)	Weight (Side Panels-pair)
ER11FS	11	658 x 613 x 613	19Kg	5.3Kg
ER11FED	11	658 x 613 x 733	21Kg	7.3Kg
ER22FS	22	1148 x 733 x 613	25Kg	12Kg
ER22FED	22	1148 x 613 x 733	27Kg	15Kg
ER30FS	30	1502 x 613 x 613	29Kg	15Kg
ER30FED	30	1502 x 613 x 733	31Kg	19Kg
ER38FS	38	1858 x 613 x 613	31Kg	19Kg
ER38FED	38	1858 x 613 x 733	33Kg	23Kg
ER42FS	42	2035 x 613 x 613	33Kg	23Kg
ER42FED	42	2035 x 613 x 733	35Kg	26Kg

NOTES:

1. Rack Frames comprise an Upright set with integral 19" Rack strip and a Top/Bottom panel and frame kit.
2. Side /Rear panels are packed in pairs but can be shipped as singles, ER/ED Racks use PS panels on Rear. ER/FS Racks use PS panels on sides and Rear.
3. 1 Rack unit (RU) =44.45mm/1.75inches
4. Internal mounting depth: ERFS 593mm/ERFED 713mm. Depth is between vertical Rack Rails and is fixed on ER series racks.

er Rack Accessories

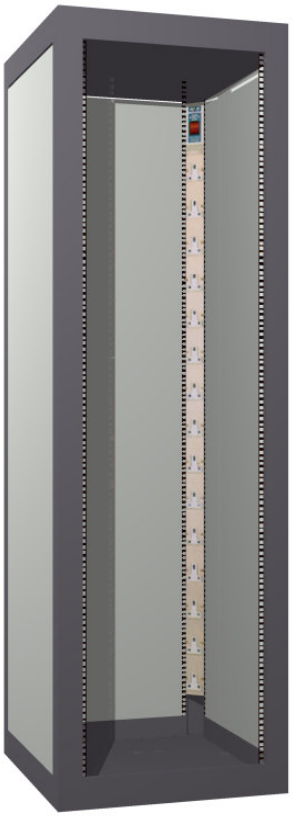




19” Bay Joining Kit.

Comprising a set of bolts and spacers the Bay joining kit fits to the Rack Strip rail section in the side uprights of ER Racks. Bay joining kits cannot be used if intermediate side panels require to be fitted.

Code: ER19RJ





AC Distribution Rails.

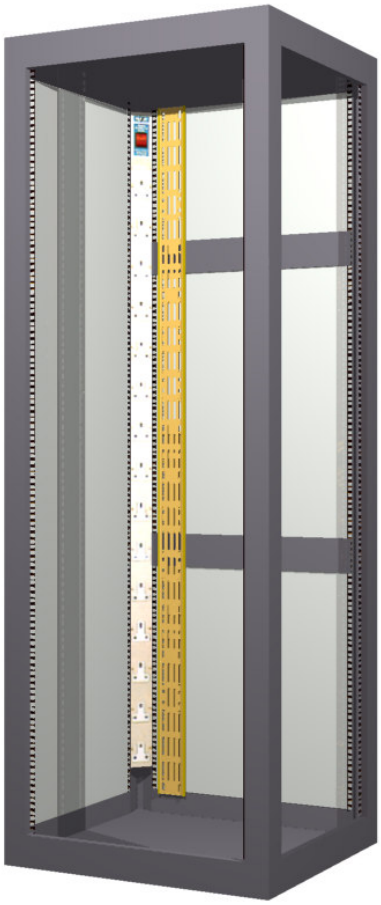
AC distribution rails are available from stock (see our PULTI catalogue)

Castors.

ER Racks can be fitted with castors. Standard castors add 37mm to height of Rack. Heavy duty castors add 74mm.

Code: ER19C (max load 160Kg)
Code: ER19CHD (max load 200Kg)

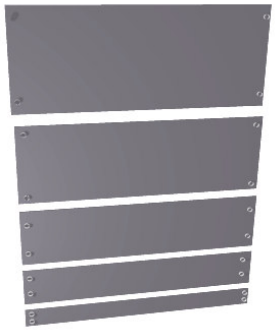
er Rack Accessories



Cable Tray.

Steel plated cable tray is available in 150mm widths and is supplied complete with mounting bars that fit to the 19" Rack stripping in the side uprights. FS (613 depth) or FED (733 depth) kits should be specified to suite Racks in use.

Code: ER11FED-CT150
Code: ER11FS-CT150
Code: ER22FED-CT150
Code: ER22FS-CT150
Code: ER30FED-CT150
Code: ER30FS-CT150
Code: ER38FED-CT150
Code: ER38FS-CT150
Code: ER42FED-CT150
Code: ER42FS-CT150

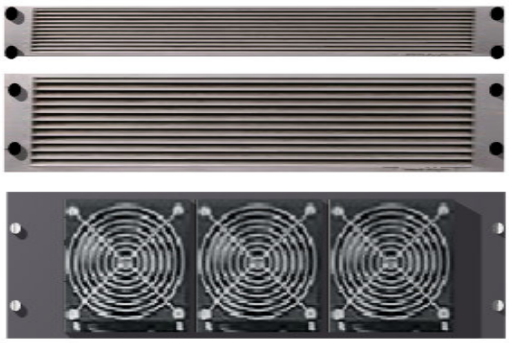




19" Panels.

1u/2u/3u/4u&5u x 19" plain Steel panels 19" painted in anthracite grey (RALI7016)
Supplied with M6 Cage nuts, Screws and Plastic cup Washers

BPU1-7016 1U Blanking Panel
BPU2-7016 2U Blanking Panel
BPU3-7016 3U Blanking Panel
BPU4-7016 4U Blanking Panel
BPU5-7016 5U Blanking Panel
VPU1-7016 1U Vent Panel
VPU2-7016 2U Vent Panel



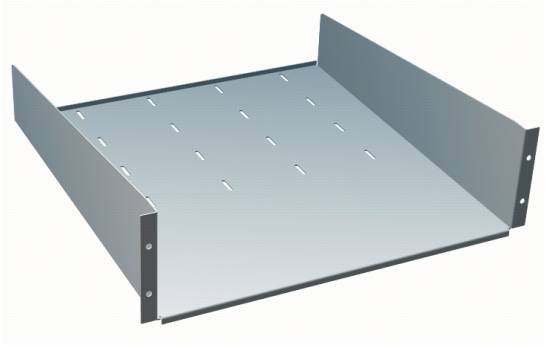
Fan Panel.

19" x 3u vertical rack mount fan panel fitted with 3 x 120mm fans + 2m lead with moulded 13amp plug. Air flow volume: 73.5 litres per sec./ 156 cubic feet per min.

FU3-3 19" x 3U 3 Fan
FU3-3LN 19" x 3U 3 Fan (low noise)

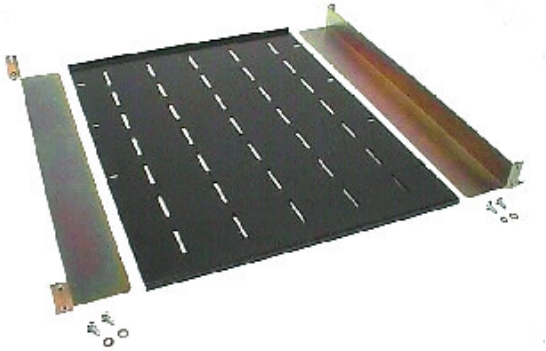
er Rack Accessories

Equipment Shelves & Supports.



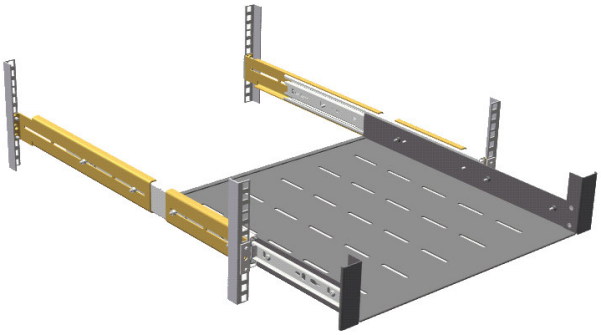
Cantilever front mount trays 19" rack mount tray (fixed). will take equipment of up to 18kg with maximum depth of 400mm and chassis width of 445mm.
Available in Grey or Black in 2, 3 & 4Ru mountings

Code: UR19ETS-2U/B
Code: UR19ETS-3U/B
Code: UR19ETS-4U/B



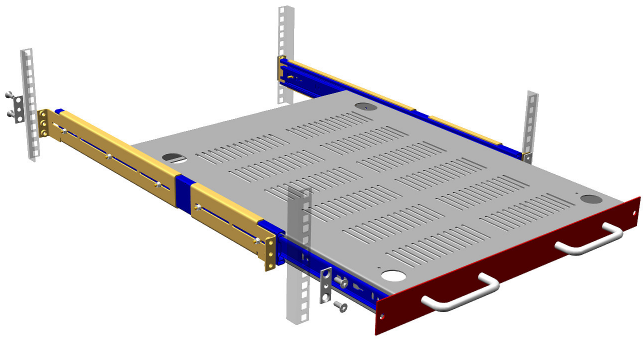
Chassis support rails may be used on their own for equipment of 400mm >450mm width or with fixed shelves for narrower items.

Code: UR19EBS (Pair)
Code: UR19ES (Shelf)



Full extension Sliding shelf units with Rack ears suitable for equipment weights up to 20Kg and Max width 420mm

Code: UR19ESLD-2U
Code: UR19ESLD-3U
Code: UR19ESLD-4U



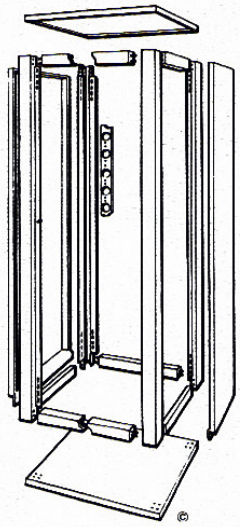
Full extension Heavy duty 1Ru Sliding shelf suitable for equipment weights up to 45Kg and Max width 450mm

Code: UR19ESHD

VIDEO SYSTEMS

ER SERIES 19" RACKS
GENERAL INFORMATION

PRODUCT INFORMATION



Available heights

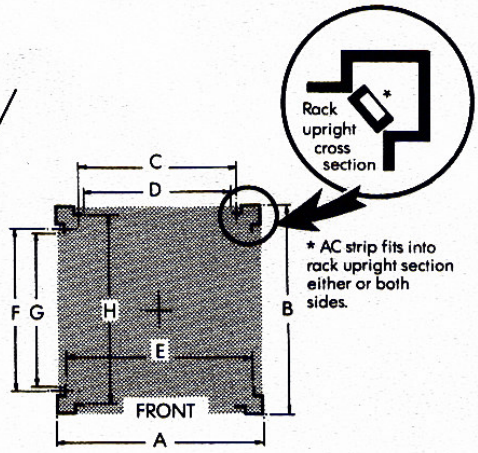
42Ru 2035mm
38Ru 1858mm
30Ru 1502mm
22Ru 1147mm
11Ru 654mm

add 37mm/1.46" for castors
1Ru = 44.45mm (1.75").

WIDTH / DEPTH*

	Overall Width A	Overall Depth B	Front & Rear Fixing Cntrs C	Front & Rear Aperture D	Side to Side Int. width E	Side Fixing Centres F	Side Aperture G	front to Rear Int. Depth H
EXTRA WIDE	732.8	612.8	585.1	570	692.8	465.1	450	572.8
EXTRA DEEP	612.8	732.8	465.1	450	572.8	585.1	570	692.8

* All Racks may be used in extra wide or extra depth configuration.



Materials ..... Painted mild steel

Colour ..... Frame - Dark Grey. Side panels - Light Grey

Construction ..... Flat packed - bolt together - no special tools required

Packaging (general) ..... 1 carton with 4 uprights
1 carton with top/bottom panels and joining bars
1 carton with 2 side panels









Design

MW&ELDECO have developed their own 'in house' software, Avsys3D, in order to offer a *free*, high speed project planning, visualisation and costing service to clients thinking of purchasing any of our Technical Furniture Systems.

This enables customers to see exactly what is proposed, consider alternative designs and make comments, thus becoming involved in the design process prior to purchase and ensuring that the final design is what is required.

We have over 25 years experience working in the professional and broadcast market and we are aware of the technical issues as well as the ergonomic considerations that need to be applied when designing any technical facility area. Our expertise coupled with our design skills and wide range of modular products allow us to offer solutions that are both practical, attractive and cost effective

All we need from our customer is a description of the purpose of the project under consideration along with a list of equipment and information on the installation area available. If there are existing CAD files of floor plans and layouts these may be emailed to us and we can import directly into Avsys3D thus ensuring accuracy from the outset and saving time.

But even with limited information We can rapidly produce a 3D layout proposal and budget cost, often within an hour or two and email or fax it to the customer.

Once the design is agreed We will prepare a final detailed quote and produce any further plans and visualisations needed.

ELDECO bvba-sprl

Kalkenstraat 91-93 B-8800 ROESELARE

Tel. 051/24.00.59 Fax. 051/24.02.57

e-mail: eldeco@eldeco.be site: www.eldeco.be