

Universal Line



**The world will
be connected in
ways humanity
never imagined
possible.**

Aaron McLean

UNIVERSAL LINE 600x600 & 600x800

- 19"
- High quality products
- Fits your decoration and environment
- Secure and sturdy
- Easy to maintenance and high inner volume
- High security for unauthorized peoples
- High protection for all physical effects
- Competitive prices

The Universal line free standing cabinets suitable for office, equipment room and cabling closet installation. Attention to styling with attractive colours black Ral9005, light grey Ral7035 or/and Ral7037 with a smoked glass door reinforced with vertical left and right metal frames mean that cabinets can be deployed in the most demanding of office environments when looks really matter. Front door frames is available with decorative trim or customized as blue, green, light blue, red.

However, Universal line are an exceptionally rugged and strong cabinet enabling it to be used for all application.

The Universal line offers a highly cost-effective and assembly-friendly solutions for numerous applications in the field of network technology and electronics. The Universal Line is highly-configurable to the end-users requirements and provides unique features to benefit system designers, installers and network managers.

Completely assembled standard cabinet. Can be delivered as a single enclosure with side panels or as a side by side cabinet with no side panels. The rigidly welded frame construction can be dismantled and assembled easily without any special tools. Thus, narrow doors, staircases and lifts are no problem.

Load Carrying capacity: 600kg.

STANDARD DIMENSIONS

Width : 600 mm.
Depth : Available in both 600 mm. and 780 mm. depths.

STANDARDS

- * ISO9001:2000
- * 19" mounting to IEC 297-1
- * Overall cabinet dimensions to IEC 297-2
- * Universal line cabinets have combination to 10 different height (16U, 20U, 22U, 26U, 32U, 36U, 39U, 42U, 44U, 47U), 2 different depth (600mm. ve 800mm.)

COMPLIANCES:

UL and cUL. Estap products are registered in USA with SETT brandname.



! COLOUR: Standard colours are as below.
Ral 9005 Black - Ral7035 White - Ral5079 Blue with Ral7035 White - two colour combination. Unless noted otherwise, delivered as black. For different colours, please contact with our sales team. sales@estap.com.tr



Universal Line



FEATURES

*Easy to access

Front door features a full-length smoked and shatterproof glass door with decorative accent trim reinforced with left/right metal frames and integral locking mechanism.

Side doors; lockable, removable

complete with slam latches and locks.

Rear door; lockable, removable with lock.

Secure, locking front and back doors with spring loaded hinges offer best accessibility even when connecting the cabinets. The door hinge is easily swapped from one side to the other.



All giving you 4-way access to equipment. Front and rear door can be replaced that gives you flexibility for different installations.

*Cable access

Multiple cable entry points provide maximum versatility. There is a rubber edge sliding cover mechanism that protects and fix the cables.

There is a brush on the rear panel that can be positioned on top or bottom (brush entry available on racks of 32U and above)

*Construction

Rigid welded frame construction in steel sheet, rapidly dismantled per 4 screw per corner. Corner of bases have welded sockets on each corner that tightly fixed into the columns gives maximum stability.

Frames are made with 28-fold design for increased stability.

Vented Pagoda-style top cover with built-in space for available top mount cooling system providing protection against dust flow from the top. Besides that it cause a chimney effect to provide passive heat transportation via convection.

19" mounting angles (front/2ea. and back/2ea) allow for flexible configuration and adjustable in depth.

C-rails (3ea.left + 3ea.right) increase the stability of equipment mounting and fixing shelves in 4 points.

Levelling feet is included as a standard feature.

Extensive range of **accessories**.

UNIVERSAL LINE 600x600 & 600x800

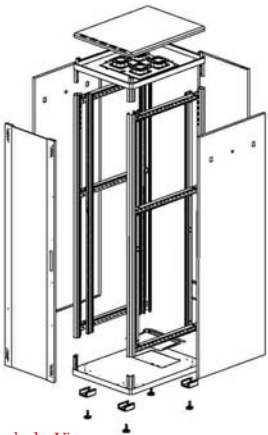
Colour: Standard
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Ral9005 Black,
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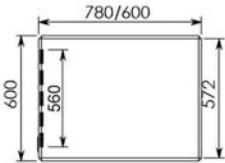
For different colours, please
contact with our sales team.
sales@estap.com.tr



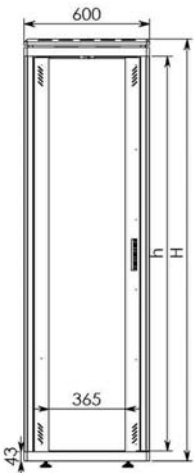
UNIVERSAL LINE 600x600 & 600x800



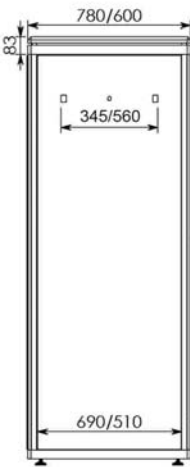
Explode View



Top View



Front View



Side View

width=600 mm. depth=600 mm.

Order No.	U (44,45 mm)	h inside height (mm)	H outside height (mm)
CKR 16U66	16	740,4	865,4
CKR 20U66	20	917,4	1042,4
CKR 22U66	22	1006,3	1131,4
CKR 26U66	26	1184,4	1309,4
CKR 32U66	32	1451,4	1576,4
CKR 36U66	36	1629,4	1754,4
CKR 39U66	39	1762,4	1887,4
CKR 42U66	42	1896,4	2021,4
CKR 44U66	44	1985,4	2110,4
CKR 47U66	47	2118,75	2243,75

width=600 mm. depth=800 mm.

Order No.	U (44,45 mm)	h inside height (mm)	H outside height (mm)
CKR 16U68	16	740,4	865,4
CKR 20U68	20	917,4	1042,4
CKR 22U68	22	1006,3	1131,4
CKR 26U68	26	1184,4	1309,4
CKR 32U68	32	1451,4	1576,4
CKR 36U68	36	1629,4	1754,4
CKR 39U68	39	1762,4	1887,4
CKR 42U68	42	1896,4	2021,4
CKR 44U68	44	1985,4	2110,4
CKR 47U68	47	2118,75	2243,75

UNIVERSAL LINE 600x1000

DEPTH = 1000mm.



When ever you need more deeper cabinets for housing networking and server systems...

Depth 1000 cabinets match all features that have defined in the previous pages for UNIVERSAL LINE.



width=600 mm. depth=1000 mm.

Order No.	U (44,45 mm)	h inside height (mm)	H outside height (mm)
CKR 26U6100	26	1184,4	1309,4
CKR 36U6100	36	1629,4	1754,4
CKR 42U6100	42	1896,4	2021,4
CKR 47U6100	47	2118,75	2243,75



UNIVERSAL LINE 600x400

**ETSI or 19”
DEPTH = 400mm.**

TELECOM Solutions

Depth 400 telecom cabinets
match all features that have
defined in the previous pages
for UNIVERSAL LINE.

Depends on costumer request
it is manufactured in 19”
standards or ETSI standards.

width=600 mm. depth=400 mm.

Order No.	U (44,45 mm)	h inside height (mm)	H outside height (mm)
CKR44U64	44	1985,4	2110,4
CKR47U64	47	2118,75	2243,75

For 48vdc fan cooling systems
and distribution panels, please
see the accessories.

Available in variety of heights



Universal Line



Sliding access panel on the bottom for cable entry and a brush entry on the rear panel that can be positioned on the top or bottom



Front door with integrated locking mechanism for added security



△ Available in a stackable configuration using our stacking kit



Perforated, vented Pagoda-style top providing maximum protection against dust.



Side panel comes with snap closures and locks providing four-way access to the equipment.

NOTEBOOK and/or DEVICE PROTECTION CABINETS

It is designed to protect notebooks mainly. It is combined with electrical distribution panel that provide charging of notebooks. It is also possible to protect and use as storage for other devices, CD's, DVD's, licences or any documentations.

It is combined with 2U 19" locable drawers. Suitable to use in schools, computer aided laboratories, classes, governmental or offices.

Possible combinations and models are 16ea. Lockable compartment, 18ea. Lockable compartment, 21ea. Lockable compartment.

It is possible to use different locks, digit locks, or any special request.

It is complete with castor group and vertical electrical distribution panel with outlets for each compartment.

For security, it can be easily fixed to the floor from inside of the cabinet.



CKR32U 66 16NB	16 Lockable compartment, 32U 19" Notebook Storage Device Cabinet, complete with 16way electrical distribution panel, 16 different lock and castor group. (16 housing for 16 notebook.)
CKR36U 66 18NB	18 Lockable compartment, 36U 19" Notebook Storage Device Cabinet, complete with 18way electrical distribution panel, 18 different lock and castor group. (18 housing for 18 notebook.)
CKR42U 66 21NB	21 Lockable compartment, 42U 19" Notebook Storage Device Cabinet, complete with 21way electrical distribution panel, 21 different lock and castor group. (21 housing for 21 notebook.)



UNIVERSAL LINE JUMBO 800x800



JUMBO provide excellent and smart cable management with additional left + right vertical cable management channels.

Universal Line JUMBO cabinets match all features that have defined in the previous pages.

Moreover, JUMBO series provide more comfort for cable management and maximum cable entry. Effective, functional and smart cable management system simplify the installer needs. It enables maximum utilisation of floor space, space saving mix of active and passive equipment. It is designed to offer unrivalled accessibility for high density cabling and fibre installations.

Standard delivery configuration is 2 opening front door. Standard delivery configuration is 2 opening rear door provide space saving in room.

As option, front door could be single opening, reinforced with metal frame.

It is compatible with all accessories.

Standard Dimensions:

Width=780mm.

Depth=780mm.

In addition to standart Universal Line cabinets, there is 2ea. cable entry with brush on top and 2ea. cable entry with brush on bottom.

Standards :

- * ISO9001:2000
- * 19" mounting to IEC 297-1
- * Overall cabinet dimensions to IEC 297-2

Compliances:

UL and cUL



Colour: Standard colours are as below.

Ral9005 Black - Ral7035 White - Ral5079 Blue with Ral7035 White - two colour combination. Unless noted otherwise, delivered as black. For different colours, please contact with our sales team. sales@estap.com.tr

Professional Cabling Solutions with Jumbo

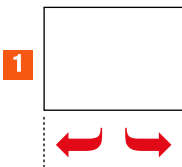
Left and right cable management panels hide and protect all networking cables, that brings professional look on your job.



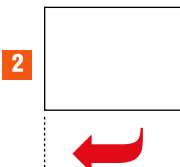
Double opening rear doors provide space saving
between cabinet and wall.

UNIVERSAL LINE JUMBO 800x800

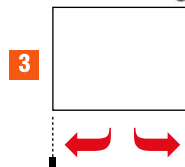
FRONT DOOR ALTERNATIVES



Double door opening
front door
2 locks on top and bottom
Model 1



Single door opening
Handle type lock
Model 2



Double door opening from middle
3 point locking mechanism
Model 3

Please type the orange box number after 88 in space. Unless noted otherwise, model 1 is delivered. CKR__U88

UNIVERSAL LINE JUMBO 800x800

Smart Cable Management System Provides Professional Look & Solutions.

Special Accessories for JUMBO

TELESKOPIC CABLE TRUNKING

It is designed to protect and hide cable bundles coming from the ceiling. Since the height between ceiling and cabinet isn't known, it is manufactured as telescopic to fit all dimensions. There is cover for it. When it is closed, it looks really matter and provide professional look.

See accessories for product codes and definitions.

VERTICAL CABLE MANAGEMENT CHANNELS (left + right)

It is designed to manage large patch cable bundles in front of the cabinet. It is installed through the height of the cabinet, and each U dimension, there is a hole to pass horizontal patch cables on vertical axis.

There is spring hinged cover in front of the vertical cable management panel integral with slam latch. The cover protect and hide all cable bundles.

When it is closed, it looks really matter and provide professional look.

Besides that, it reduce labour cost %20 and save time.

See accessories for product codes and definitions.

VERTICAL CABLE MANAGEMENT TRUNKING

It is designed to carry large cable bundles through the vertical axis of the cabinet.

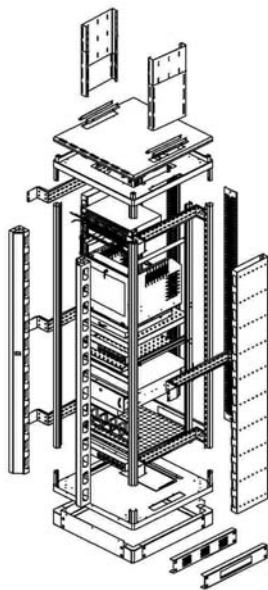
From top to bottom, it is continuous with the height of cabinet. Bottom edge of the trunking fit into the cabinet bottom cable entry, top edge of the trunking fit into the cabinet top cable entry.

It has holes for cable access for horizontal axis. It is punched in a shape to tie the cables.

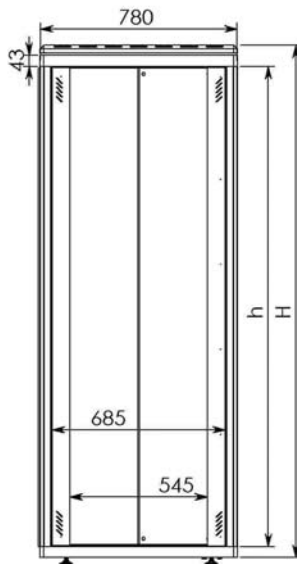
Since it has a sliding cover on the trunking, cable bundles are hidden and protected. When it is closed, it looks really matter and provide professional look.

See accessories for product codes and definitions.

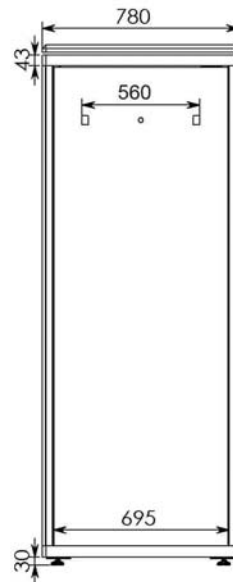




Explode View



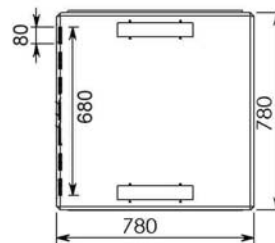
Front View



Side View

width=800 mm. depth=800 mm.

Order No.	U (44,45 mm)	h inside height (mm)	H outside height (mm)
CKR 32U88	32	1451,4	1576,4
CKR 36U88	36	1629,4	1754,4
CKR 39U88	39	1762,4	1887,4
CKR 42U88	42	1896,4	2021,4
CKR 44U88	44	1985,4	2110,4
CKR 47U88	47	2118,75	2243,75



Top View

Vertical Cable Management Panels with cover - for 800x800 and 800x1000 Universalline Jumbo

It is designed to manage large patch cable bundles in front of the cabinet.
It is installed through the cabinet height and each U dimension. There are holes to pass horizontal patch cables on vertical axis.
Colour: Ral7035 white or Ral9005 black
Suitable to use with Universalline Jumbo: 800x800 and 800x1000

It is designed to manage large patch cable bundles in front of the cabinet. It is installed through the cabinet height and each U dimension. There are holes to pass horizontal patch cables on vertical axis. Colour: Ral7035 white or Ral9005 black Suitable to use with Universaline Jumbo: 800x800 and 800x1000			UNIVERSALine	Server MAX	ECOline	ECOline Server	EUROline	Diamond	RELAYrack	SYSTEMrack	PROLINE	SOHOline19"	SOHOline10"	SOHO Slimline
Order No	Product Definition	Dimensions	Compatibility											
M44 ORG32	32U Vertical cable management panel left/right=1set	94*94*1450	x					x						
M44 ORG36	36U Vertical cable management panel left/right=1set	94*94*1620	x					x						
M44 ORG39	39U Vertical cable management panel left/right=1set	94*94*1760	x					x						
M44 ORG42	42U Vertical cable management panel left/right=1set	94*94*1893	x					x						
M44ORG44	44U Vertical cable management panel left/right=1set	94*94*1982	x					x						
M44ORG47	47U Vertical cable management panel left/right=1set	94*94*2116	x					x						

Vertical Cable Management Channels with sliding cover - for 800x800 ve 800x1000 Universalline Jumbo

It is designed to manage large patch cable bundles in front of the cabinet.
It is installed through the cabinet height and each U dimension. There are holes to pass horizontal patch cables on vertical axis.
Reduce %50 labour costs
Colour: Ral7035 white or Ral9005 black
Suitable to use with RelayRACK and SYSTEMrack units.

It is designed to manage large patch cable bundles in front of the cabinet. It is installed through the cabinet height and each U dimension. There are holes to pass horizontal patch cables on vertical axis. Reduce %50 labour costs Colour: Ral7035 white or Ral9005 black Suitable to use with RelayRACK and SYSTEMrack units.			UNIVERSALine	Server MAX	ECOline	ECOline Server	EUROline	Diamond	RELAYrack	SYSTEMrack	PROLINE	SOHOline19"	SOHOline10"	SOHO Slimline	
Order No	Product Definition	Dimensions	Compatibility												
M44TRK32	32U vertical cable management channel with sliding cover	70*310*1447	x						x						
M44TRK36	36U vertical cable management channel with sliding cover	70*310*1624	x						x						
M44TRK39	39U vertical cable management channel with sliding cover	70*310*1757	x						x						
M44TRK42	42U vertical cable management channel with sliding cover	70*310*1890	x						x						
M44TRK44	44U vertical cable management channel with sliding cover	70*310*1979	x						x						
M44TRK47	47U vertical cable management channel with sliding cover	70*310*2112	x						x						

Telescopic Cable Entry Unit - for Width=800mm. Cabinets

It is designed to protect and hide cable bundles coming from the ceiling. Since the height between ceiling and cabinet doesn't known, it is manufactured as telescopic to fit all dimensions.
Width=300mm.
Reduce %50 labour costs
Colour: Ral7035 white or Ral9005 black
In 2 pieces. Each of them are withdrawable type by itself.

It is designed to protect and hide cable bundles coming from the ceiling. Since the height between ceiling and cabinet doesn't known, it is manufactured as telescopic to fit all dimensions. Width=300mm. Reduce %50 labour costs Colour: Ral7035 white or Ral9005 black In 2 pieces. Each of them are withdrawable type by itself.			UNIVERSALine	Server MAX	ECOline	ECOline Server	EUROline	Diamond	RELAYrack	SYSTEMrack	PROLINE	SOHOline19"	SOHOline10"	SOHO Slimline
Order No	Product Definition	Dimensions	Compatibility											
M44TRKTL	Telescopic cable entry / trunking unit width=300mm. Max.height=600mm. Min. Height=300mm. (300mm+300mm.) in 2 pieces	55*310*600	x				x							

UNIVERSAL LINE JUMBO 800 x 1000

DEPTH = 1000mm.

Whenever you need more deeper cabinets for housing networking and server systems....

Depth 1000 cabinets match all features that have defined in the previous pages for UNIVERSALLINE JUMBO 800x800



width=800 mm. depth=1000 mm.

Order No.	U (44,45 mm)	h inside height (mm)	H outside height (mm)
CKR42U8100	42	1896,4	2021,4
CKR47U8100	47	2118,75	2243,75



19" Swing Frame - Rotatable on hinges and lockable on cabinet

Easy to access, maintenance and installation.

It is suitable to use with 800x800 and 800x1000 cabinets. It can be replaced any time to cabinet because of its modular structure. By using rotatable hinges, swing frame can easily moved out. Its height is 2U shorter than what the cabinet used together.

Example.

Rack cabinet is 42U, proper swing frame is 40U to use.

Sturdy and rugged structure cause heavy duty usages.

Order No	Product Definition
SWG32	32U Swing Frame / heavy duty type and c/with locking mechanism
SWG36	36U Swing Frame / heavy duty type and c/with locking mechanism
SWG39	39U Swing Frame / heavy duty type and c/with locking mechanism
SWG42	42U Swing Frame / heavy duty type and c/with locking mechanism
SWG44	44U Swing Frame / heavy duty type and c/with locking mechanism
SWG47	47U Swing Frame / heavy duty type and c/with locking mechanism

UNIVERSAL LINE PCcase (36U 600x800)

- 19"
- Fits your decoration and environment
- Competitive prices
- Secure and sturdy
- Easy to maintenance and high inner volume
- Dust proof
- Noise proof
- Air circulation with vented filters

PCCASE is ideal for office, factory, workshop, storage, store, gas stations and laboratories.....as server housing. It protects your servers and devices against dust, humidity, hot/cold air but most important that against unauthorized peoples. Servers, all kind of PS's, monitors, keyboards, UPS's, switches and networking products can easily be placed in it. Its ergonomics provides the keyboards are in hands level and monitor is at eyes level.

Features

* It is 3 section.

1st. Compartment: Screen section

2nd. Compartment: Keyboard section

3rd. Compartment: Device section 19"

* All compartments are lockable.

* Middle (2nd) compartment contain

sliding shelf for keyboard usage.

* Bottom (3rd) compartment contain 19" rail that is possible to use all standard accessories to mount all kind of devices. Printers, UPS, Server or any LAN/WAN devices....

* Colour: Ral 9005 black or Ral7035 white.

* Both side doors are lockable, removable, and openable.

* Side doors have filtered and vented air circulation trays that allow air circulation or air entry.

* It is possible to use together with cooling fans and also have filtered and vented tray on top that allow air circulation.

* Bottom section have two option. Glass door or solid metal door.

PCCASE cabinets match all features that have defined in the previous pages for UNIVERSALLINE.

An excellent solution for workshops, factories, processes, warehouse and laboratories



UNIVERSAL LINE PCcase (36U 600x800)



PCCASE36

36U 3 sectioned Rack Cabinet width=600mm. Depth=800m. Height=1800mm. Bottom section is complete with smoked shatterproof – secure glass.

PCCASE36M

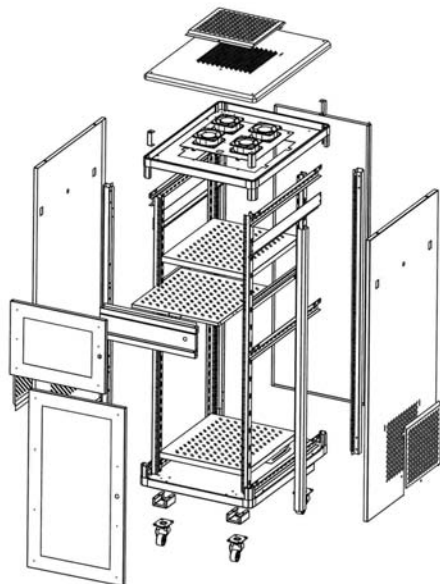
36U 3 sectioned Rack Cabinet width=600mm. Depth=800m. Height=1800mm. Bottom section is complete with solid metal door.

width=600 mm. depth=800 mm.

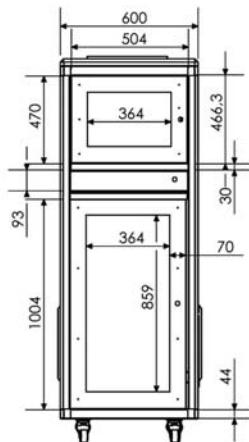
Order No.	U (44,45 mm)	h inside height (mm)	H outside height (mm)
PCCASE36	36	1629,4	1744,4
PCCASE36M	36	1629,4	1744,4



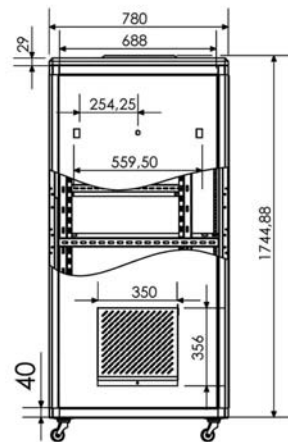
Please define your colour with your order.
"Black-Ral9005, White-Ral7035".
Unless noted otherwise it is delivered as black Ral9005.



Explode View



Front View



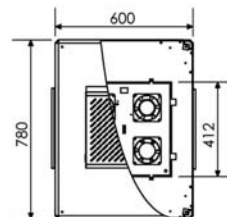
Side View



Sliding keyboard tray
with locking front door
for added security



Locking vented side
door



Top View



Any smoothly
functioning
technology
will have the
appearance of
magic.

Arthur C. Clarke

