11/1

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S.A.

-

Reduce %50* shipment cost

- Real flatpack design
- Max. 10 min** for assembly
- Easy to carry and transport
- Easy to maintenance
- High volume capacity for large cable bundles
- * Mixed quantity and mixed size
- ** Measured values by Estap. It can change according to size of the enclosure



600x600 - 600x800 - 600x1000 - 800x600 - 800x800 - 800x1000





"Openable, lockable, removable side panels, front and rear doors ,

- |9"
- MODULAR STRUCTURE
- READY FOR ASSEMBLY
- STURDY, RUGGED STEEL CONSTRUCTION
- REDUCE THE SHIPMENT COST
- FLATPACK



600×600 - 600×800 - 600×1000 - 800×800 - 800×1000

LOAD CARRYING CAPACITY: 400 kg

ISO 9001: 2008 Quality Management Systems

EN 61587-1 mechanical structures (cabinets for

Overall cabinet dimensions for IEC 297-2

ISO 14001: 2004 Environmental Management System

COLOUR:

RAL 9005 black

RAL 7035 light grey

STANDARDS:

19" mounting to IEC 297-1

electronic equipment)

STANDARD DIMENSIONS:

Heights: 22U, 26U, 32U, 36U, 42U Width: 600 mm Depth: 645 mm and 825 mm

Heights: 42U Width: 600 mm Depth: 1005 mm

Heights: 32U, 36U, 42U Width: 780 mm Depth: 825 mm

Height: 42U Width: 780 mm Depth: 1005 mm

KEY FEATURES

- · High quality production
- Aesthetic look
- Sturdy, rugged steel construction
- Openable, lockable, removable side panels, front and rear doors.

• Secure, tempered front door, with left&right metal frames, and handle type lock.

- Easy to maintain, high volume capacity for large cable bundles.
- Upper case is suitable for fan units and brushed cable entry.
- Welded corners and sturdy construction.

• Bottom case is completely open for large cable entries. Bottom plate with sliding type Estap standard cable entry, can be used to close case.

- Rugged steel for 19" mounting angles
- Reduce shipment costs %50*
- Easy to transport
- Strong protection against transport damages
- Easy to assemble

• After mounting, cardboard packaging and wooden pallets may be retained and reused for future shipments.

^{*} Mixed quantity and mixed size





SELECTION STEPS FOR

STEPS TO SELECT THE RIGHT FREE STANDING ENCLOSURE

In addition to Estap product part numbers, the options mentioned on the next page are to supply the right definition to meet your requirements.

Each wall mounted and free standing enclosure section in the catalogue, has a "Main part numbers" and "Options" sections.

The below example explains how to select the right options.

The product part number has the below structure:

Product range name	+	U height (HHU)	+	Width&Depth (WD)
--------------------	---	----------------	---	------------------

The product options have the below structure:

	Colour option (MX)	+	Front door option (FX)	+	Rear door option (RX)
--	--------------------	---	------------------------	---	-----------------------

HOW TO SELECT THE OPTIONS

Step I

Please choose product part number.

For example: EU42U68

Step 2

Please choose the colour from the table and place it after the part number.

For example: EU42U68 - M02 (MX=Look at the MX colour options on the next page)

Step 3

Please choose the front door from the table and place it after MX colour.

For example: EU42U68 - M02 - FI8 (FX= Look at the FX front door options on the next page)

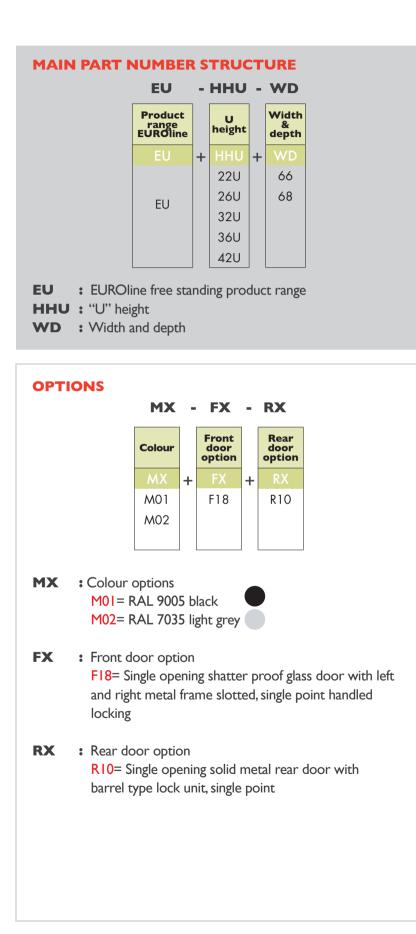
Step 4

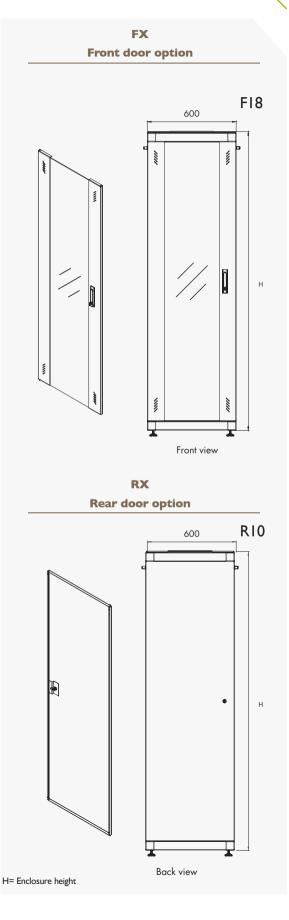
Please choose the rear door from the table and place it after **FX** front door option.

For example: EU42U68 - M02 - FI8 - RI0 (RX= Look at the RX rear door options on the next page)



600×600 - 600×800

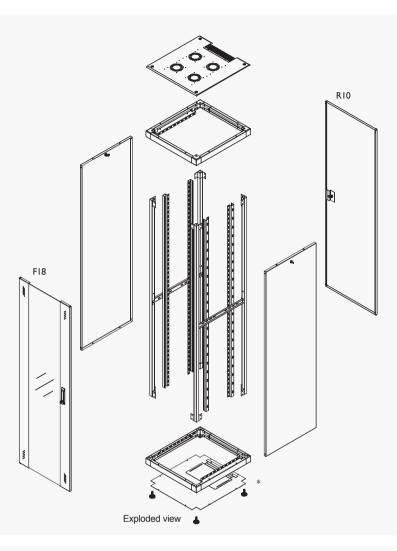






TECHNICAL DRAWINGS FOR

600x600 - 22U/26U/32U/36U/42U



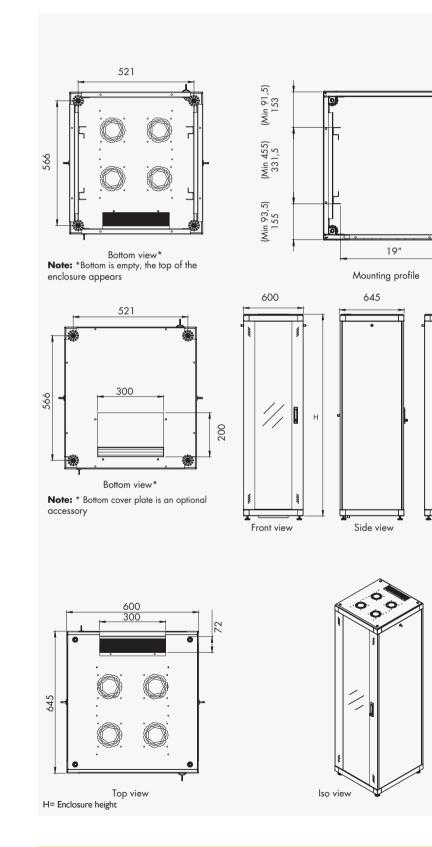
EUROline free standing cabinets 19" 600 x 645 mm										
Part number	Product definition (mm)	Size	Width: overall (mm)	Depth: overall (mm)	Depth: max mounting profile (mm)	Height: vertical mounting profile (mm)	Height: without levelling feet (mm)	Height: with levelling feet (mm)	Height: with casters (mm)	
EU22U66	22U 600x645	22	600	645	331,5	1070	1135	1150	1215	
EU26U66	26U 600x645	26	600	645	331,5	1245	1310	1325	1370	
EU32U66	32U 600x645	32	600	645	331,5	1515	1575	1590	1655	
EU36U66	36U 600x645	36	600	645	331,5	1700	1755	1770	1825	
EU42U66	42U 600x645	42	600	645	331,5	1960	2025	2040	2105	

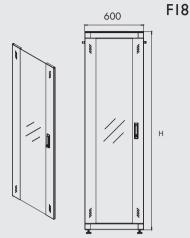
* Bottom cover plate is an optional accessory.



TECHNICAL DRAWINGS FOR

600x600 - 22U/26U/32U/36U/42U





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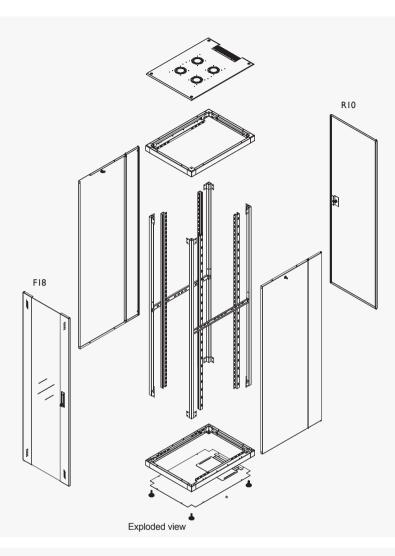
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Back view

Front view



TECHNICAL DRAWINGS FOR



EUROline free standing cabinets 19" 600 x 825 mm										
Part number	Product definition (mm)	U Size	Width: overall (mm)	Depth: overall (mm)	Depth: max mounting profile (mm)	Height: vertical mounting profile (mm)	Height: without levelling feet (mm)	Height: with levelling feet (mm)	Height: with casters (mm)	
EU22U68	22U 600x825	22	600	825	511,5	1070	1135	1150	1215	
EU26U68	26U 600x825	26	600	825	511,5	1245	1310	1325	1395	
EU32U68	32U 600x825	32	600	825	511,5	1515	1575	1590	1655	
EU36U68	36U 600x825	36	600	825	511,5	1700	1755	1770	1840	
EU42U68	42U 600x825	42	600	825	511,5	1960	2025	2040	2110	

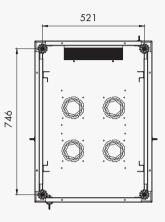
*The bottom cover plate is an optional accessory.



F18

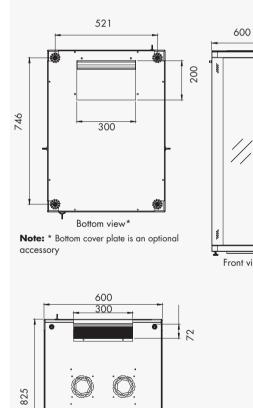
TECHNICAL DRAWINGS FOR

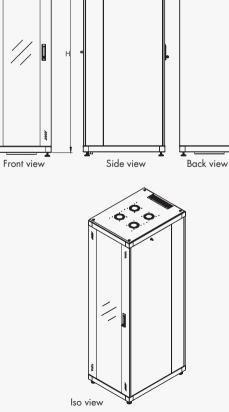
600x800 - 22U/26U/32U/36U/42U



Bottom view*

Note: * Bottom is empty, the top of the enclosure appears





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19″

Mounting profile

825

(Min 91,5) 153

(Min 635) 511,5

(Min 91,5) 153

1



Front view



H= Enclosure height





600×1000

SELECTION STEPS FOR

In addition to Estap product part numbers, the options mentioned on the next page are to supply the right definition to meet your requirements.

Each wall mounted and free standing enclosure section in the catalogue, has a "Main part numbers" and "Options" sections.

The below example explains how to select the right options.

The product part number has the below structure:

Product range name	+	U height (HHU)	+	Width&Depth (WD)
--------------------	---	----------------	---	------------------

The product options have the below structure:

Colour option (MX)	+	Front door option (FX)	+	Rear door option (RX)
--------------------	---	------------------------	---	-----------------------

HOW TO SELECT THE OPTIONS

Step I - Please choose product part number.

For example: EU42U61

Step 2 - Please choose the colour from the table and place it after the part number.

For example: EU42U61 - M02 (MX=Look at the MX colour options on the next page)

Step 3 - Please choose the front door from the table and place it after **MX** colour.

For example: **EU42U61 - M02 - F18** (FX= Look at the FX front door options on the next page)

Step 4 - Please choose the rear door from the table and place it after **FX** front door option.

For example: **EU42U61 - M02 - F18 - R10** (RX= Look at the RX rear door options on the next page)



600×1000

600

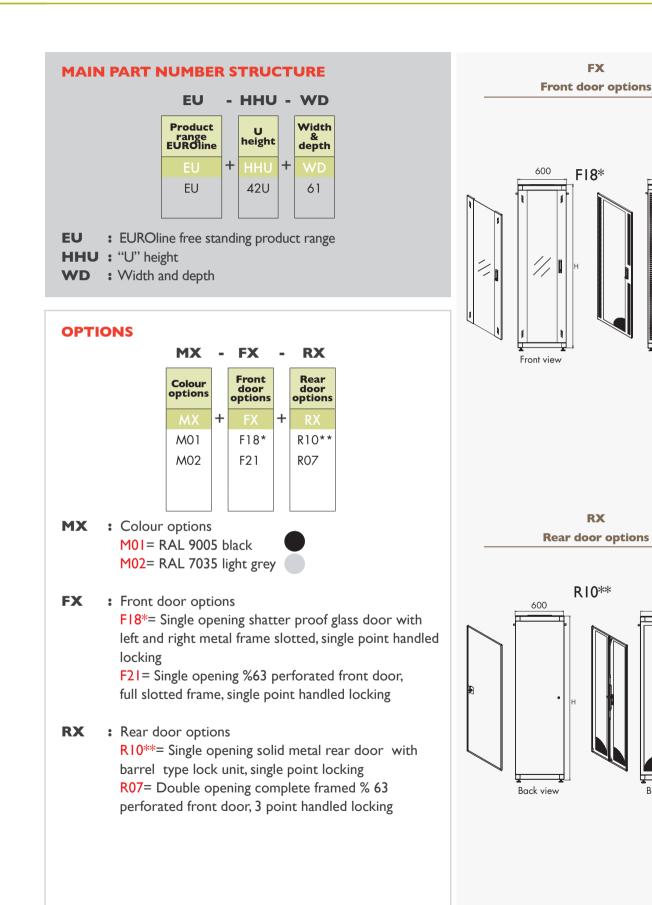
Front view

R07

600

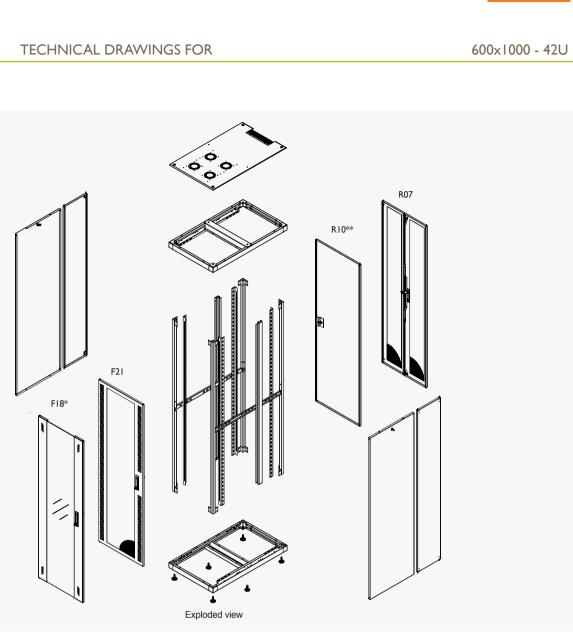
Back view

F21



H= Enclosure height





EUROline free standing cabinets 19″ 600 x 1005 mm										
Part number	Product definition (mm)	Size	Width: overall (mm)	Depth: overall (mm)	Depth: max mounting profile (mm)	Height: vertical mounting profile (mm)	Height: without levelling feet (mm)	Height: with levelling feet (mm)	Height: with casters (mm)	
EU42U61	42U 600x1005	42	600	1005	702,5	1960	2025	2040	2110	

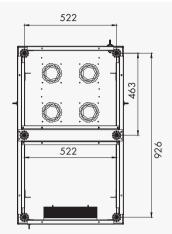
* F18 is the standard front door.

** R10 is the standard rear door.



TECHNICAL DRAWINGS FOR

600×1000 - 42U



Bottom view* **Note:** *Bottom is empty, the top of the enclosure appears



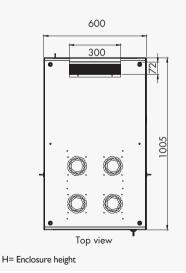
1005 ж

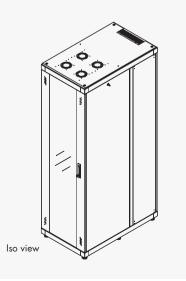
(Min 86,5) 148

(Min 825,5) 702,50

(Min 85,5) 147

Side view



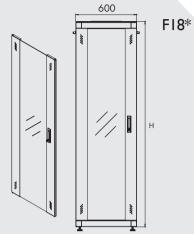


Q

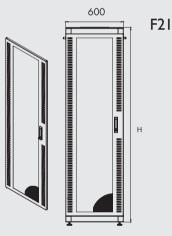
Back view

19″

Mounting profile



Front view



Front view

* F18 is the standard front door.





SELECTION STEPS FOR

STEPS TO SELECT RIGHT FREE STANDING ENCLOSURE

In addition to Estap product part numbers, the options mentioned on the next page are to supply the right definition to meet your requirements.

Each wall mounted and free standing enclosure section on the catalogue, has a "Main part numbers" and "Options" sections.

The below example explains how to select the right options.

The product part number has the below structure:

Product range name	+	U height (HHU)	+	Width&Depth (WD)
--------------------	---	----------------	---	------------------

The product options have the below structure:

Colour option (MX)	+	Front door option (FX)	+	Rear door option (RX)
--------------------	---	------------------------	---	-----------------------

HOW TO SELECT THE OPTIONS

Step I Please choose product part number.

For example: EU42U88 or EU42U81

Step 2

Please choose the colour from the table and place it after the part number.

For example: **EU42U88 - M02** (MX=Look at the MX colour options on the next page) **or EU42U81 - M02** (MX=Look at the MX colour options on the next page)

Step 3

Please choose the front door from the table and place it after \mathbf{MX} colour.

For example: **EU42U88 - M02 - F20** (FX= Look at the FX front door options on the next page) **or EU42U81 - M02 - F20** (FX= Look at the FX front door options on the next page)

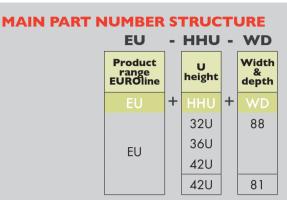
Step 4

Please choose the rear door from the table and place it after **FX** front door option.

For example: **EU42U88 - M02 - F20 - R12** (RX= Look at the RX rear door options on the next page) **or EU42U81 - M02 - F20 - R12** (RX= Look at the RX rear door options on the next page)



800×800 - 800×1000



- **EU** : EUROline free standing product range
- HHU: "U" height
- **WD** : Width and depth

OPTIONS

MA	-	ГА	-	RA
Colour options		Front door options		Rear door options
MX	+	FX	+	RX
M01		F20**		R12***
M02		F19*		R11
		R08*		R08*
				F19*

DV

- MX : Colour options M01 = RAL 9005 black M02 = RAL 7035 light grey
- **FX** : Front door options

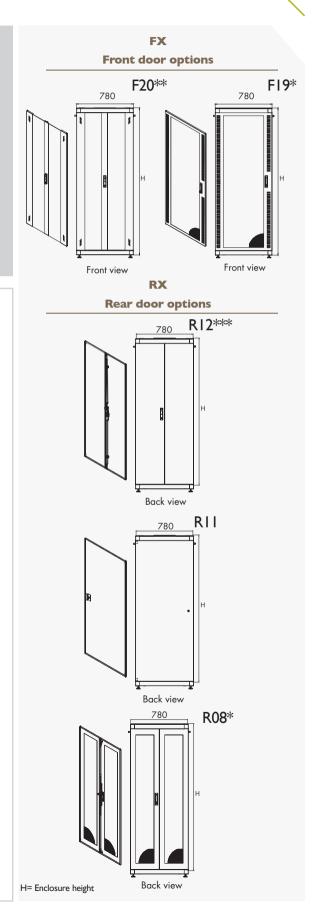
F20**= Double opening shatter proof glass door with left and right metal frame slotted, 3 point handled locking

F19= Single opening %63 perforated front door, full slotted frame, single point handled locking R08*= Double opening complete framed %63 perforated front door, 3 point handled locking

RX : Rear door options

R12*** Double opening metal rear door with 3 point handled locking

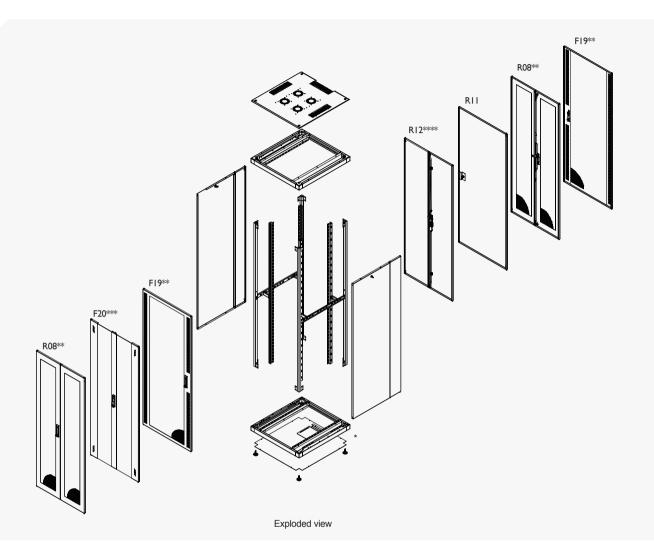
RII= Single opening solid metal rear door with barrel type lock unit, single point lock unit R08*= Double opening complete framed %63 perforated front door, 3 point handled locking F19*= Single opening %63 perforated front door, full slotted frame, single point handled locking





TECHNICAL DRAWINGS FOR

800x800 - 32U/36U/42U



FUROline free standi	ing cabinets 19″ 780 x 825 mm
EURUINE nee siana	

Part number	Product definition (mm)	Size	Width: overall (mm)	Depth: overall (mm)	Depth: max mounting profile (mm)	Height: vertical mounting profile (mm)	Height: without levelling feet (mm)	Height: with levelling feet (mm)	Height: with casters (mm)
EU32U88	32U 780x825	32	780	825	511,5	1515	1525	1540	1655
EU36U88	36U 780x825	36	780	825	511,5	1630	1755	1770	1840
EU42U88	42U 780x825	42	780	825	511,5	1960	2025	2040	2110

* The bottom cover plate is optional.

** R08 and F19 can be used as both front and door rear door.

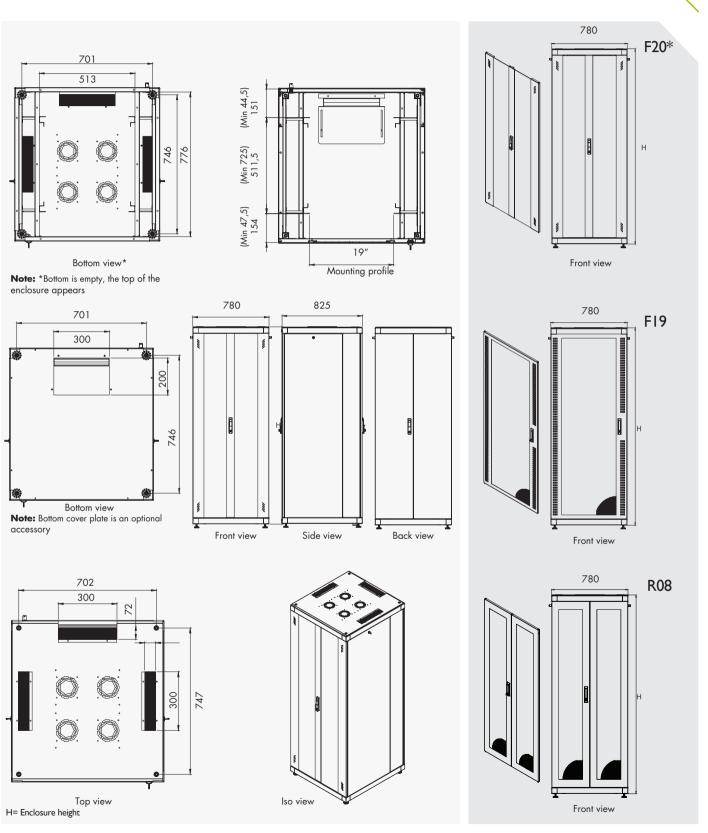
**** F20 is the standard front door.

***** R12 is the standard rear door.



TECHNICAL DRAWINGS FOR

800x800 - 32U/36U/42U

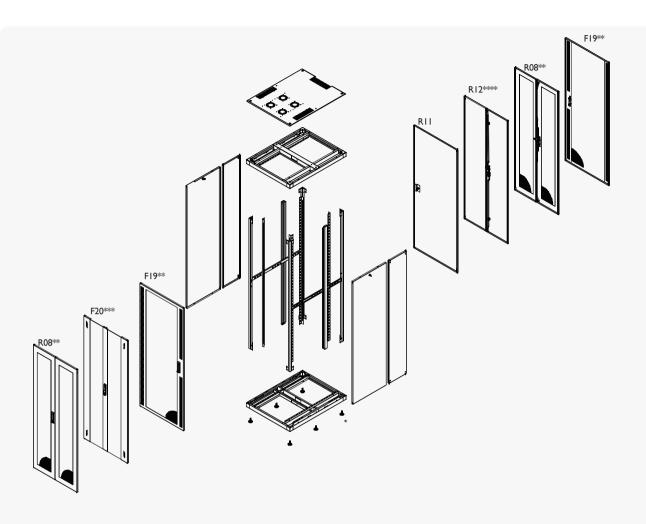


* F20 is the standard front door.



TECHNICAL DRAWINGS FOR

800×1000 - 42U



Exploded view

EUROline free standing cabinets 19″ 780 x 1005 mm									
Part number	Product definition (mm)	Size	Width: overall (mm)	Depth: overall (mm)	Depth: max mounting profile (mm)	Height: vertical mounting profile (mm)	Height: without levelling feet (mm)	Height: with levelling feet (mm)	Height: with casters (mm)
EU42U81	42U 780x1005	42	780	1005	704,5	1960	2025	2040	2110

*The bottom cover plate is optional.

** R08 and F19 can be used as both front and door rear door.

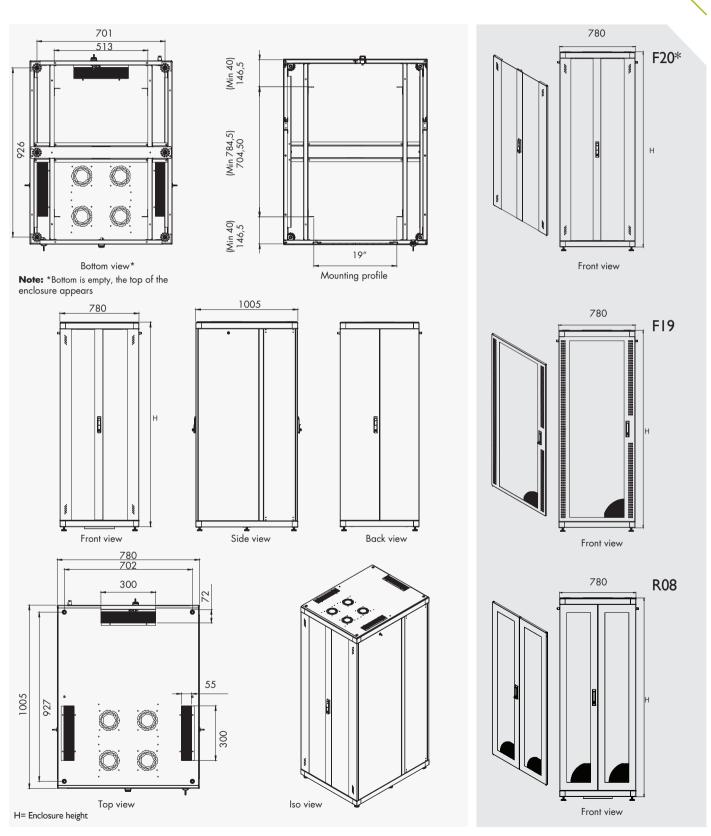
**** F20 is the standard front door.

***** R12 is the standard rear door.



TECHNICAL DRAWINGS FOR

800×1000 - 42U



* F20 is the standard front door.



TECHNICAL SPECIFICATIONS

TESTS AND CERTIFICATIONS

Environment

EN61587-1/4.2, IEC60068-2-1, IEC60068-2-2, IEC60068-2-30, IEC60917 and IEC60297

Industrial environment

EN61587-1/4.3, IEC60068-2-42, IEC60068-2-43 and IEC60068-2-49, IEC60068-2-1, IEC60917 and IEC60297

Statical mechanical structure load test

EN61587-1 / 5.2.1. IEC60917 and IEC60297

Statical mechanical structure stability

EN61587-1 / 5.2.2, IEC60917 and IEC60297

Dynamic load, vibration and mechanical stroke

EN61587-1 / 5.3.1, EN61587-1 / 5.3.3, IEC60917, IEC60297, IEC62208

Grounding continuity

EN61587-1 / 6.2, IEC60917 and IEC60297

Fire and Flame Resistance

EN61587-1 / 6.3, IEC60917 and IEC60297

Corrosion

ISO9227 and ASTM B 117-85, IEC60917 and IEC60297

IP protection degree

IP00.When bottom cover plate is used, it becomes IP20 IP20 accordingly EN61587-1 / 6.4, IEC60529, IEC60917 and IEC60297

Transportation

ETS300019-1-2 Class2.3

Storage ETS300019-1-1 Class1.2

Security

EN60950_LVD

PURCHASED PRODUCT CERTIFICATIONS

Sheet steel

DIN EN 10130 – 99 Ereğli DC- 01 6112, 7122, RoHS

Electrostatic powder coating

ISO 9001, ISO 2178, ISO 2813, ISO 6272, ISO 8130-5, ISO 8130-3, RoHS

Fan

ISO 9001, CE (89/336/EEC EMC, 73/23/EEC LVD), RoHS

Glass

ISO 9001, EN 12150 - 1:2000 tempered and secure

Fixings

DIN 7985, DIN 965, DIN 7981, DIN 934, DIN 985, DIN 933, RoHS

Castors

TS EN 12530, TS EN 12532, RoHS

Lock

DIN 1743, DIN 53571, RoHS

KEY FEATURES

Main profile vertical (framework) has a structure which increases mechanical resistance with aesthetic appearance and a specially closed profile system of 30x30 mm from automation industry. Folded with an angle of 90 degree: The corner joints are welded with 4 fold connection brackets. The main profile vertical (framework) connects to top and bottom case with heavy duty 5 fold bended profile system. A total of 20 folds provide stability for the top and bottom case. Additionally, at 600x1000 and 800x1000 mm sizes a 5 fold (bend surface) bracket system provides additional stability, providing a 25 fold (bent surface) design criteria for the frame. Manufactured and tested to provide axial (x, y, z) resistance that meets EN 61587-1 / 5.2.1 and 5.2.2, and external impact resistance that meets EN 61587-1 / 5.3.3.

Using a folded profile system for structure, the bottom and upper case are connected to the vertical profile system using heavy duty screws which provide modularity. Bottom case if fully open for large cable bundles to be placed; if required to close the bottom, a cover plate can be purchased as an optional accessory with sliding type edged cable entry panel. The rubber edge on the cable access plate and sliding structure,

allows cables to be placed into the cabinet and fixed inside with no damage.

For W=600 mm enclosure rear door is single solid metal, removable and lockable. Integral locking is single point barrel type locking system. For W=800 mm enclosure rear door in double opening, complete metal and 3 point handled locking. For options please see the related diagrams and technical charts On pages 71-77-81.

Rear doors can be opened up to 220 degrees.

Side panels have a structure that can be opened and removed with a key and are lockable and removable. Side panels are consist of 2 piece side panels on each side for D=1000 mm range due to easy handling and maintanence needs. Original functional side panel is lockable and removable as mentioned above; the smaller side panel is fixed from inner side with screws. Within this engineering construction the original functional side panel becomes easy to carry while installation and maintanance is in process.

Front doors are single opening, left and right metal framed glass door, single point handled locking on the W=600 mm series, front doors are double opening, left and right metal framed glass door, 3 point handled locking on the W=800 mm series, front door can be opened up to 220 degrees, removable and lockable with handle type locking unit. For options please see the related diagrams and technical charts on pages 71-77-81.

Vented top panel housing with a dedicated space for ventilation, fan module system allows easy installation of max. 4 fans from top.

19" (inch) mounting angles (2 ea. in front and 2 ea. in rear) are part of cabinets interior configuration and adjustable in depth. Baying is possible for side by side applications. Levelling feet are standard in shipping configuration. The cabinet meets EN 61587-1, IEC 60917, IEC 60297 standards RoHS compliancy, Gost and TSE certified.

Cabinets are manufactured in our factory which has ISO 9001: 2008 Quality Assurance System and our responsibility for environment with ISO 14001:2004 Environmental Management System.



TECHNICAL SPECIFICATIONS

Custom number

8538000 / 85381000 / 853710990019 Packs of (ea.) I Shipping structure Flat pack Mounting surface Stand alone Load carrying capacity (kg) 500 Certification on product TSE, Gost Surface finish Electrostatic powder coated c/with surface treatment , 80 +/ - 5 micron paint thickness and tested according to IEC 60068-2-

1,2-2, 2-30,2-42, 2-43, 2-49, 2-11

STANDARD PRODUCT

Standard colour RAL 7035, RAL 9005 Standard stripe colour Red IP protection standard IP00.When bottom cover plate is used, it becomes IP20

FRONT DOOR Shatterproof glass with left and right metal frame Glass 4 mm full-length smoked, shatterproof, tempered, secure Front door construction

Single door opening for W=600 mm cabinets Double door opening for W=800 mm cabinets

Front door lock Handled type, single point locking for W=600 mm series Handled type, 3 point locking for W=800 mm series

Adhesive material High density polyurethane DIN 53479, DIN 53505 Hinge system Spring loaded

Door opening angle 220 degree

SIDE PANEL

Solid metal, 1,2 mm. Left and right (2ea.) Construction Lockable, removable c/with lock Lock Barrel type lock unit, single point

REAR DOOR

Solid metal, 1,2 mm Rear door construction Single openning lockable, removable

Rear door lock

Barrel type lock unit, single point for W=600 mm Lock with handle unit, 3 point locking system for W=800 mm **Hinge system** Spring loaded **Door opening angle** 220 degree

TOP COVER

Solid metal, 1,2 mm **Top cover construction** Allows efficient air removal

FRAMEWORK

Top and bottom base units Solid Metal 1,5 mm Top and bottom base units construction Completely welded corner socket system Uprights Solid metal, 1,5 mm specially manufactured closed profile system Uprights construction Tightly fixed into top and bottom base units with screws 4 times folded

INTERIOR PARTS

19" mounting angles

Solid metal, 2 mm, 3 times folded for a C style for all models / L style single folded for D=1000 mm series, U marking available 2 ea. at rear, 2 ea. at front, Pre-configured as 19" Free space to front door, approx. 145 mm to 155 mm depending on depth versions (please see related diagrams for exact dimentions). Zinc plated, passivated, 8-12 micron Adjustable in depth

Omega type support rails in depth

Solid metal, 1,5 mm, 6 times folded, 2 ea. at left, 2 ea. at right for 26U and higher

OPTIONS

Front door options

Each depth and width variation has its own front door options, please see the related catalogue pages 71-77-81.

Rear door options

Each depth and width variation has its own front door options, please see the related catalogue pages 71-77-81.



For CUSTOMIZED PRODUCTS rather than above options, please contact sales department.

EUROline free standing accessories



FREQUENTLY USED ACCESSORIES SELECTION CHART FOR EUROline

Estap has a wide range of accessories: Heavy duty fixed shelves, sliding shelves, fans, cooling units, vertical cable managements, cable rings, organisers, trays, plinth and so on...

* See the other accessories part numbers and definitions on pages 173-213.

Please state colour choice in your orders.

M01=RAL 9005 Black and M02= RAL 7035 Light grey

Frequently used accessories selection table



EUROline / Shelves		Enclosure			
Part numbers	600x600	600x800	600x1000	800x800	800x1000
Fixed shelves	M44SBR60	M44SBR80	M44SBR100	M44SBR80	M44SBR100
Sliding shelves	M44HRK60	M44HRK80	-	M44HRK80	-



EUROline / Fan units		Enclosure			
Part numbers	600x600	600x800	600x1000	800x800	800x1000
2 Fan unit with on/off switch	M35HV2F	M35HV2F	M35HV2F	M35HV2F	M35HV2F
4 Fan unit with on/off switch	M35HV4F	M35HV4F	M35HV4F	M35HV4F	M35HV4F
2 Fan unit with thermostat unit	M35HV2FT	M35HV2FT	M35HV2FT	M35HV2FT	M35HV2FT
4 Fan unit with thermostat unit	M35HV4FT	M35HV4FT	M35HV4FT	M35HV4FT	M35HV4FT

K	EUROline / Cable management	Enclosure sizes*						
	Part numbers	600x600	600x800	600x1000	800x800	800x1000		
	1U cable management panel (5 rings)	E44ORG1U	E44ORG1U	E44ORG1U	E44ORG1U	E44ORG1U		
	Vertical cable management	-	-	-	M44ORGXXMFX	M44ORGXXMFX		
N.	XX= Enclosure U size				•			



	EUROline / PDU	Enclosure sizes*					
99	Part numbers	600x600	600x800	600x1000	800x800	800x1000	
D	6 way PDU with 1x16A CCT breaker,1U	M446AL_ES	M446AL_ES	M446AL_ES	M446AL_ES	M446AL_ES	
	9 way PDU with 1x16A CCTbreaker, 2U	M449ALC_ES	M449ALC_ES	M449ALC_ES	M449ALC_ES	M449ALC_ES	



* Please check drawing pages for cabinet sizes.