SoundProof Cabinets

19-inch Acoustic Server Rack Enclosures

Indoor acoustic rack cabinets for offices, clinics, bank branches, retail back offices and shared technical areas where equipment noise must be reduced.

INDOOR RACK



Front / Internal / Rear Views



Product view examples for acoustic cabinet layout

- **19-inch** standard rack format
- **12U-42U** model range
- **400 kg** distributed load
- **1-2** fan module options

Reliable. Quiet. Professional.

19-inch acoustic server rack enclosures for indoor technical spaces

PRODUCT OVERVIEW

Quiet rack installation for occupied spaces

SoundProof Cabinets combine acoustic insulation, cabinet security and controlled ventilation in a single indoor 19-inch rack enclosure.

INDOOR ACOUSTIC





One cabinet. Three project needs.

- **Noise control**
  Acoustic lining helps reduce direct equipment noise leakage.
- **Security**
  Lockable cabinet body keeps IT equipment protected in shared areas.
- **Airflow**
  Quiet fan modules support controlled ventilation for indoor racks.

ACOUSTIC CONTROL

Insulation layers help absorb and dampen noise from rack equipment.

ENCLOSED SECURITY

Steel body and lockable access support safer installation in public areas.

CONTROLLED COOLING

Fan modules with thermostat support stable airflow for indoor projects.

Range at a glance

19-inch format | 12U-42U | 650/700/750 mm width | 650/800/1000 mm depth | RAL 9005 Black | up to 400 kg load

APPLICATION AREAS

Where SoundProof Cabinets are used

Designed for occupied indoor environments where standard racks would expose equipment noise, reduce visual quality or leave IT equipment unprotected.

INDOOR USE





Clean fit in customer-facing spaces

Acoustic body, lockable access and controlled ventilation help keep technical equipment presentable in occupied indoor areas.

Typical installation areas

Select the cabinet by real equipment, heat load and room sensitivity - not by rack height alone.

1 Open offices

Reduce fan noise from IT devices in shared work areas.

NOISE-SENSITIVE WORKSPACE

2 Clinics and hospitals

Support quieter technical corners near staff areas.

OCCUPIED INDOOR AREA

3 Bank branches

Keep IT equipment locked and visually cleaner.

SECURITY + PRESENTATION

4 Retail back offices

Fit controlled racks into limited back-office space.

LIMITED TECHNICAL SPACE

5 Reception zones

Place equipment cleanly in public technical corners.

PUBLIC-FACING AREA

6 Service rooms

Balance noise, airflow and access in one rack.

CONTROLLED RACK SETUP

Indoor acoustic cabinet - not an outdoor IP-rated enclosure

For field or external installations, use UPCOM outdoor IP-rated rack cabinet ranges instead.

Office. Clinic. Branch. Retail. Shared technical spaces.

Application areas for indoor acoustic server rack installations

ACOUSTIC DESIGN

Noise reduction with controlled airflow



The cabinet combines internal acoustic lining, enclosed steel body structure and quiet fan modules to reduce equipment noise while keeping a defined ventilation path.

Three design elements

Noise reduction depends on cabinet design, equipment fan behavior, heat load and installation conditions.

1



Acoustic lining

Internal insulation layers help absorb and dampen noise generated by active equipment.

2



Sealed body structure

Door and panel closure reduce direct noise leakage compared with open or lightly ventilated racks.

3



Controlled airflow path

Quiet fan modules remove heat through a controlled airflow route instead of uncontrolled room-side airflow.

Cooling must be checked before quotation

Balance acoustic performance and thermal management according to equipment and room conditions.

- **Equipment list**
  Server, switch, UPS and accessory details.
- **Ambient conditions**
  Room temperature and airflow around the cabinet.
- **Estimated heat load**
  Confirm heat load before final fan selection.
- **Fan module selection**
  Select modules by cabinet size and heat load.

GENERAL TECHNICAL SPECIFICATIONS

Technical platform

Common 19-inch acoustic cabinet platform for indoor technical spaces.

INDOOR CABINET



General specifications

Typical values for the SoundProof Cabinet range

RACK STANDARD	19-inch rack format
RACK HEIGHTS	12U, 15U, 19U, 26U, 32U, 36U, 42U
WIDTH OPTIONS	650 / 700 / 750 mm
DEPTH OPTIONS	650 / 800 / 1000 mm
LOAD CAPACITY	Up to 400 kg distributed load
BODY MATERIAL	Steel + acoustic insulation
SURFACE FINISH	Electrostatic powder coating
COLOR	RAL 9005 Black
VENTILATION	1 or 2 fan modules + thermostat
APPLICATION	Indoor acoustic rack enclosure

Construction notes

Enclosed steel panels, 19-inch rails and acoustic lining support indoor noise control.



- **DKP sheet**
  main body panels
- **Galvanized rails**
  19-inch mounting rails
- **Locking access**
  front door security
- **Fan modules**
  quiet ventilation support

Model families

Select cabinet size by equipment U count, device depth, cable bend radius, heat load and room noise sensitivity.

Compact

12U / 15U / 19U

650x650 or 700x800 mm footprint for small rooms.

Medium

26U / 32U

750x1000 mm footprint for deeper rack equipment.

Full height

36U / 42U

750x1000 mm footprint for larger indoor installations.

MODEL RANGE

Available models

Select cabinet size by rack height, footprint and airflow.

MODEL RANGE



Available model range

Dimensions are listed as W x D x H. Final configuration depends on equipment depth and heat load.

PRODUCT CODE	RACK	DIMENSIONS (W x D x H)	FAN MODULE
UP-12U-65X65-SNDP	12U	650 x 650 x 618 mm	1 module / 2 fans
UP-12U-70X80-SNDP	12U	700 x 800 x 618 mm	1 module / 2 fans
UP-15U-65X65-SNDP	15U	650 x 650 x 751 mm	1 module / 2 fans
UP-15U-70X80-SNDP	15U	700 x 800 x 751 mm	1 module / 2 fans
UP-19U-65X65-SNDP	19U	650 x 650 x 929 mm	1 module / 2 fans
UP-19U-70X80-SNDP	19U	700 x 800 x 929 mm	1 module / 2 fans
UP-26U-75X100-SNDP	26U	750 x 1000 x 1240 mm	2 modules / 6 fans
UP-32U-75X100-SNDP	32U	750 x 1000 x 1506 mm	2 modules / 6 fans
UP-36U-75X100-SNDP	36U	750 x 1000 x 1683 mm	2 modules / 6 fans
UP-42U-75X100-SNDP	42U	750 x 1000 x 1950 mm	2 modules / 6 fans

Compact footprint

12U / 15U / 19U

650x650 or 700x800 for small rooms and branch installations.

Deeper equipment

700x800

More depth for cable bend radius and larger active equipment.

Full height range

26U / 32U / 36U / 42U

750x1000 platform for higher capacity indoor installations.

Model range by size, depth and airflow.

Available SoundProof Cabinet models for indoor acoustic rack projects

MODEL DATASHEET

12U Models

Compact SoundProof Cabinets for small office, branch and shared technical-area installations.

COMPACT 12U RANGE

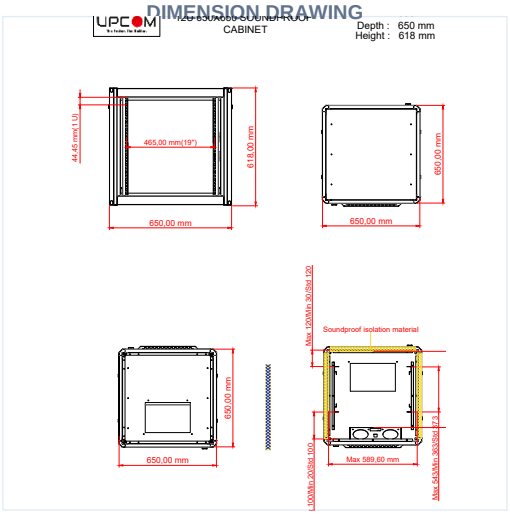


UP-12U-65X65-SNDP

Compact footprint for tight office spaces, branches and small network corners.

Rack height	12U
Dimensions	650 x 650 x 618 mm
Rack format	19-inch
Fan module	1 module / 2 silent fans
Max depth ref.	Max 510 mm
Application	Indoor acoustic rack

- **RAL 9005**
- **400 kg load**
- **Digital thermostat**

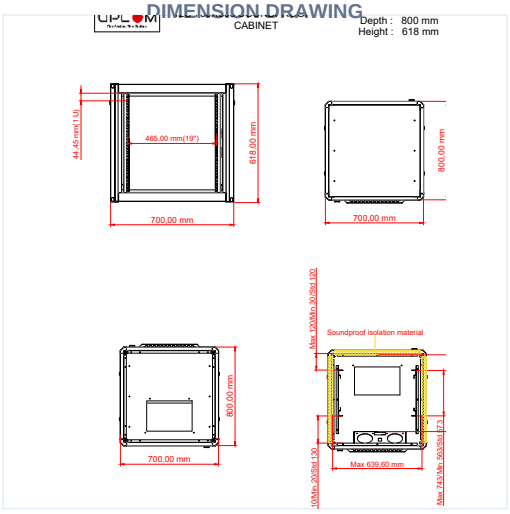


UP-12U-70X80-SNDP

Deeper footprint for equipment requiring more rear space and cable bend radius.

Rack height	12U
Dimensions	700 x 800 x 618 mm
Rack format	19-inch
Fan module	1 module / 2 silent fans
Max depth ref.	Max 660 mm
Application	Indoor acoustic rack

- **RAL 9005**
- **400 kg load**
- **Digital thermostat**



MODEL DATASHEET

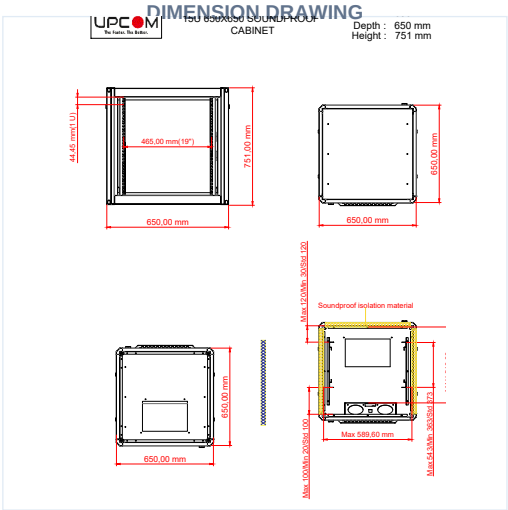
15U Models

Mid-compact SoundProof Cabinets for branch, office and shared technical-area installations.

15U ACOUSTIC RANGE



UP-15U-65X65-SNDP

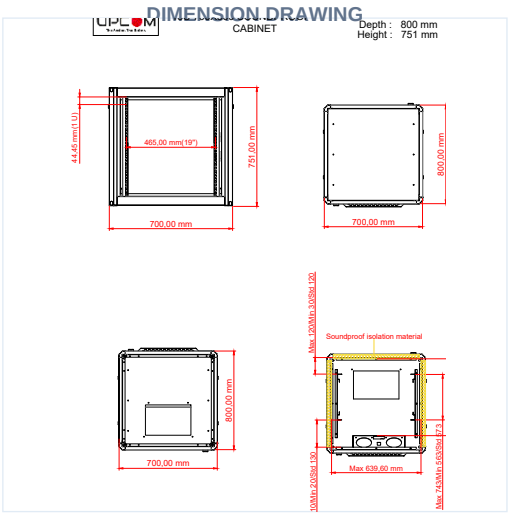


Balanced U capacity for compact office, clinic and branch network applications.

Rack height	15U
Dimensions	650 x 650 x 751 mm
Rack format	19-inch
Fan module	1 module / 2 silent fans
Max depth ref.	Max 510 mm
Application	Indoor acoustic rack

- **RAL 9005**
- **400 kg load**
- **Digital thermostat**

UP-15U-70X80-SNDP



Deeper cabinet format for equipment needing rear clearance and cable bend radius.

Rack height	15U
Dimensions	700 x 800 x 751 mm
Rack format	19-inch
Fan module	1 module / 2 silent fans
Max depth ref.	Max 660 mm
Application	Indoor acoustic rack

- **RAL 9005**
- **400 kg load**
- **Digital thermostat**

MODEL DATASHEET

19U Models

SoundProof Cabinets for small server rooms, branch offices and shared technical-area installations.

19U ACOUSTIC RANGE

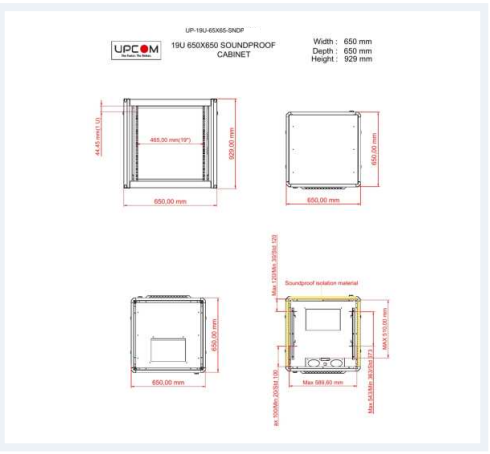


UP-19U-65X65-SNDP

19U capacity for branch network, clinic, office and small server applications.

Rack height	19U
Dimensions	650 x 650 x 929 mm
Rack format	19-inch
Fan module	1 module / 2 silent fans
Max depth ref.	Max 510 mm
Application	Indoor acoustic rack

- RAL 9005
- 400 kg load
- Digital thermostat

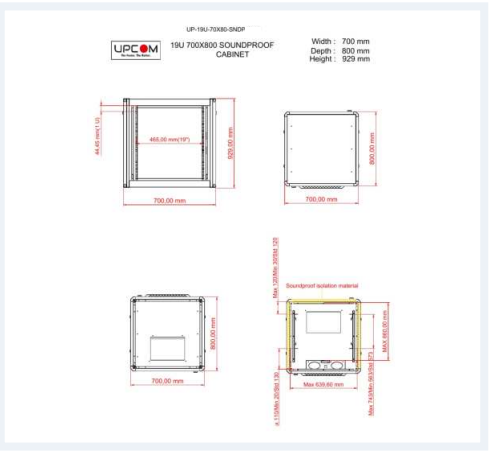


UP-19U-70X80-SNDP

Deeper 19U cabinet for equipment needing rear clearance and cable bend radius.

Rack height	19U
Dimensions	700 x 800 x 929 mm
Rack format	19-inch
Fan module	1 module / 2 silent fans
Max depth ref.	Max 660 mm
Application	Indoor acoustic rack

- RAL 9005
- 400 kg load
- Digital thermostat



MODEL DATASHEET

26U Model

High-capacity SoundProof Cabinet for larger network, UPS and office equipment installations.

26U ACOUSTIC CABINET

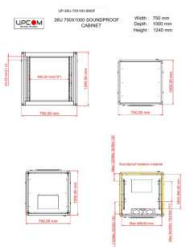


UP-26U-75X100-SNDP	26U 750 x 1000 SoundProof Cabinet
Rack height	26U
External dimensions	750 x 1000 x 1240 mm
Rack format	19-inch standard
Mounting width	465 mm
Fan module	2 modules / 6 silent fans
Internal depth reference	Max 860 mm
Load capacity	Up to 400 kg distributed load
Application	Indoor acoustic server rack

Technical drawing reference

Dimensional reference and exploded construction view from the drawing set.

Dimensional view



Exploded construction view



Best fit

Branch offices, retail back offices and indoor technical rooms needing extra U capacity.

Configuration note

Check device depth, rear cable bend radius and heat load before cabinet approval.

MODEL DATASHEET

32U Model

High-capacity SoundProof Cabinet for larger network, UPS and office equipment installations.

32U ACOUSTIC CABINET

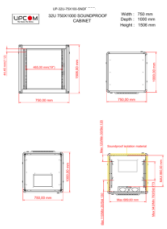


UP-32U-75X100-SNDP	32U 750 x 1000 SoundProof Cabinet
Rack height	32U
External dimensions	750 x 1000 x 1506 mm
Rack format	19-inch standard
Mounting width	465 mm
Fan module	2 modules / 6 silent fans
Internal depth reference	Max 860 mm
Load capacity	Up to 400 kg distributed load
Application	Indoor acoustic server rack

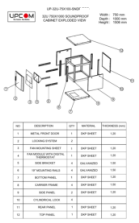
Technical drawing reference

Dimensional reference and exploded construction view from the drawing set.

Dimensional view



Exploded construction view



Best fit

Larger offices, clinics, bank branches and indoor technical rooms needing extra U capacity.

Configuration note

Check real heat load, deepest device body and rear cable bend radius before quotation.

MODEL DATASHEET

36U Model

High-capacity SoundProof Cabinet for larger network, UPS and office equipment installations.

36U ACOUSTIC CABINET

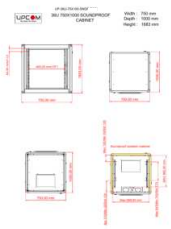


UP-36U-75X100-SNDP	36U 750 x 1000 SoundProof Cabinet
Rack height	36U
External dimensions	750 x 1000 x 1683 mm
Rack format	19-inch standard
Mounting width	465 mm
Fan module	2 modules / 6 silent fans
Internal depth reference	Max 860 mm
Load capacity	Up to 400 kg distributed load
Application	Indoor acoustic server rack

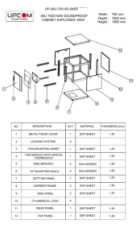
Technical drawing reference

Dimensional reference and exploded construction view from the drawing set.

Dimensional view



Exploded construction view



Best fit

Larger offices, clinics, bank branches and indoor technical rooms needing extra U capacity.

Configuration note

Check real heat load, deepest device body and rear cable bend radius before quotation.

MODEL DATASHEET

42U Model

Full-height SoundProof Cabinet for maximum rack capacity in office, network and UPS installations.

42U ACOUSTIC CABINET

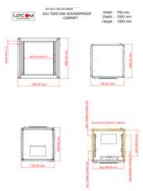


UP-42U-75X100-SNDP	42U 750 x 1000 SoundProof Cabinet
Rack height	42U
External dimensions	750 x 1000 x 1950 mm
Rack format	19-inch standard
Mounting width	465 mm
Fan module	2 modules / 6 silent fans
Internal depth reference	Max 860 mm
Load capacity	Up to 400 kg distributed load
Application	Indoor acoustic server rack

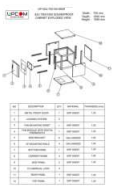
Technical drawing reference

Dimensional reference and exploded construction view from the drawing set.

Dimensional view



Exploded construction view



Best fit

Full-height offices, clinics, bank branches and technical rooms needing maximum U capacity.

Configuration note

Check real heat load, deepest device body and rear cable bend radius before quotation.

SELECTION GUIDE

How to Choose
the Right Cabinet

Select by real equipment depth, heat load, noise sensitivity and required spare capacity - not by U height alone.

INDOOR ACOUSTIC RACK



Selection workflow

Use this checklist before quotation to avoid under-sized acoustic or cooling configuration.

1. **Rack capacity**
   Calculate occupied U and reserve spare U for future equipment.
2. **Equipment depth**
   Check the deepest device body plus rear cable bend radius.
3. **Heat load**
   Estimate total heat load before selecting the fan module setup.
4. **Noise sensitivity**
   Confirm whether the cabinet is in an office, clinic, bank branch or public area.
5. **Access & installation**
   Check door swing, service clearance, cable entry and destination constraints.

Do not size by U height alone
Heat load, equipment fan behavior and room sensitivity must be checked before final configuration.

Quick model direction

Use as a first filter. Final selection should follow the equipment list and site conditions.

Project need	Model direction	Check before quotation
Small branch / office network	**12U / 15U**	Available U + spare capacity
Clinic, office or bank IT corner	**19U**	Noise sensitivity + access
Growing rack or deeper equipment	**26U / 32U**	Depth and heat load
Full-height technical installation	**36U / 42U**	Cooling and route planning

RFQ PREPARATION

RFQ Checklist

Send these details with the inquiry to select the right acoustic cabinet size, ventilation setup and project configuration.

QUOTE READY INFO



Information needed before quotation

A complete RFQ prevents wrong cabinet depth, insufficient airflow and later site revisions.

- [ ] **Required rack height**
  12U, 15U, 19U, 26U, 32U, 36U or 42U.
- [ ] **Preferred cabinet footprint**
  650x650, 700x800 or 750x1000 mm.
- [ ] **Equipment list**
  Server, UPS, switch, patch panel and accessory models with quantities.
- [ ] **Deepest equipment body**
  Device depth plus rear cable bend radius and service clearance.
- [ ] **Estimated heat load**
  Total power consumption or heat load in W / kW.
- [ ] **Installation area**
  Office, clinic, bank branch, retail back office, reception or technical room.
- [ ] **Ambient conditions**
  Room temperature, ventilation condition and operating environment.
- [ ] **Noise sensitivity**
  How close users, patients, customers or staff will be to the cabinet.
- [ ] **Quantity and destination**
  Project quantity, destination country and requested delivery timing.
- [ ] **Special requirements**
  Door/access preference, branding, cable entry and accessory needs.

Avoid vague requests

Share the real equipment list, site conditions and quantity.

Technical check

Review cooling, acoustic target and actual device depth before approval.

Cleaner RFQ example

26U acoustic cabinet, 750x1000 mm, 2 UPS + 4 switches, office back room, 25 C ambient, Germany, qty 3.

Reliable. Quiet. Professional.

Indoor acoustic server rack enclosures for offices, clinics, bank branches, retail back offices and shared technical areas.

INDOOR ACOUSTIC RACK



Send your project details for a clean quotation.

Recommended RFQ data: rack height, equipment list, deepest device depth, heat load, installation area, quantity and destination.

Product page
Scan for model range
soundproof-cabinets

Contact us
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contact-us

Website
Scan for UPCOM
www.upcom.com.tr

SoundProof Cabinets are indoor acoustic enclosures.
For outdoor or field installation, select UPCOM outdoor IP-rated cabinet ranges instead of acoustic indoor cabinets.