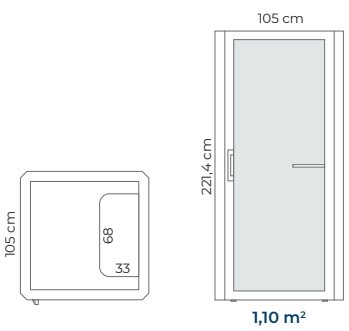
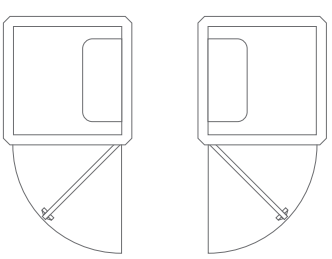
TECHNICAL INFORMATION - QYOS 100

1 PAX

Dimensions



Door opening / Reversible



QYOS 100 V3 air circulation

* AIRFLOW (m^3/h)		** AIRFLOW (l/s)		MINIMUM RENOVATION TIME (minutes)
MIN.	MAX.	MIN.	MAX.	
26	**90**	**7**	**25**	**1,2**

* The recommended air renewal rate in an office is **30 m^3/h** per person, to ensure thermal comfort.

** A person at rest breathes on average **8 litres of air per minute** (0.133 l/s)

Dimensions

External dimensions :	105 x 105 x 221.4 cm
Inner dimensions:	90,2 x 102,2 x 205 cm
Floor area:	1,10 m2
Table dimensions:	68 x 33 cm
Table height:	106 cm
Door dimensions:	88.2 x 221.4 cm - Reversible
Door free passage area:	86 cm
Fixed and mobile base:	Integrated levelling and transport system Aluminium feet and adjustment levellers Including 4 unbraked castors (100kg/unit) for easy movement

Materials

Structure:	Extruded aluminium profiles with Zinc alloy injection moulded parts. Epoxy-polyester electrostatic paint. Interior structural frames of the panels made of 40x20x1.5mm and 40x30x1.5mm steel tube, with 40mm PET thick and a density of 2200 gr/m2.
External cladding:	2 options: - Upholstered panel on e=10mm melamine chipboard with 2mm foam. - Panel of melamine chipboard e=10mm Rear cladding in 2 options: - 4+4mm non-perforated acoustic glass rear panel. - Opaque back in the same finish as the exterior cladding. Door in 4+4mm non-perforated acoustic glass. Door with aluminium handle, keyless and opening outwards. Magnetic lock
Interior cladding:	1 option: - Medium density fibreboard laminated (MDF) e=16mm with PET 12 mm panel and upholstered. Bottom panels with ventilation.
Roof coating:	Outer panel of melamine chipboard e=16 mm. Inner panel of medium density fibreboard laminated (MDF) e=16mm with PET 12 mm panel. Upholstered interior upholstery with beige FA fabric.
Floor covering:	Melamine MDF base of e=30 mm with PET 12 mm panel and PA carpet of e=5mm with short pile, antistatic and stain resistant, light grey in colour.
Tabletop:	Melamine chipboard table top e=19mm Lower support brackets of 3 mm rolled steel.

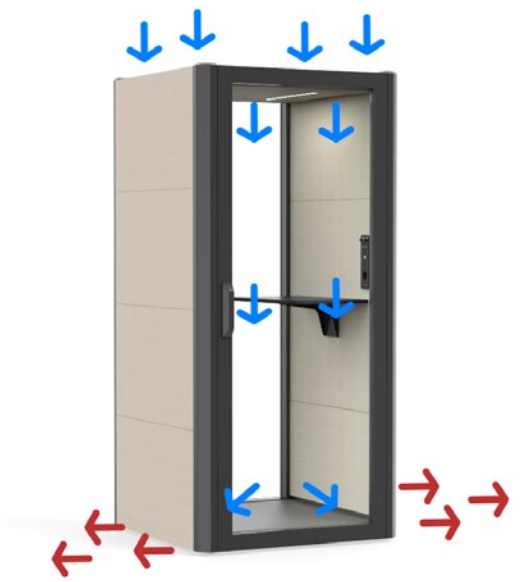
Technical Information

Lighting:	1 longitudinal linear LED 8.6W-12V - 520mm; Daylight 4000K Simultaneous activation together with fans via presence sensor. Possibility to regulate the intensity.
Ventilation:	4 impellers in roof. Extraction capacity 90 m3 / h = 49 times/h. (Reals) Max. flow rate: 25 l/s. Possibility to regulate the intensity. Air renewal standard DIN 1946.
Acoustics:	Global Speech Reduction - ISO 23351-1:2020 Type A (30 - 33 db)
Connectivity:	1 CS 120v / 220v + 1 USB C + 1 USB A + Presence detector. External mains electrical connection via standardised connection point. Connecting cable from cabinet: 2.5 m linear 0.5 mL to GST18 connector + 2 mL from connector to plug head. Optional HDMI connection.
Flame retardant:	Elements certified B-s1-d0 against reaction to fire - Standard EN 13501-1 + A1:2013

GENERAL CHARACTERISTICS

VENTILATION

Electric ventilation system, with air renewal and activity after the user leaves, according to DIN 1946 air renewal standard. Indoor ventilation quality according to M1 emission and formaldehyde classification. Possibility of regulating the flow intensity. Impulsion through fans and lower evacuation by overpressure.



	* AIRFLOW (m³/h)		** AIRFLOW (l/s)		MINIMUM RENOVATION TIME (minutes)
	MIN.	MAX.	MIN.	MAX.	
QYOS 100 V3	**26**	**90**	**7**	**25**	**1,2**
QYOS 150 V3	**26**	**90**	**7**	**25**	**1,9**
QYOS 200 V3	**39**	**135**	**11**	**38**	**1,7**
QYOS 400 V3	**65**	**225**	**18**	**63**	**2,0**
QYOS 600 V3	**91**	**315**	**25**	**88**	**2,5**
* The recommended air renewal rate in an office is **30 m³/h** per person, to ensure thermal comfort.					
** A person at rest breathes on average **8 litres of air per minute** (0.133 l/s)					

ACOUSTIC INSULATION

Considerable reduction of acoustics. (ISO 2335-1:2020)
All Qyos models are equipped with 40mm **PET acoustic panels.**
Overall speech reduction level: **-30, -33 dB.**

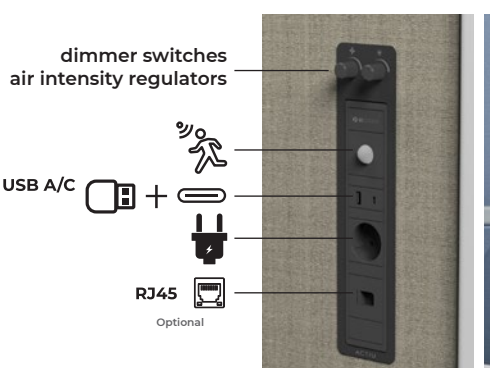
30-33 db

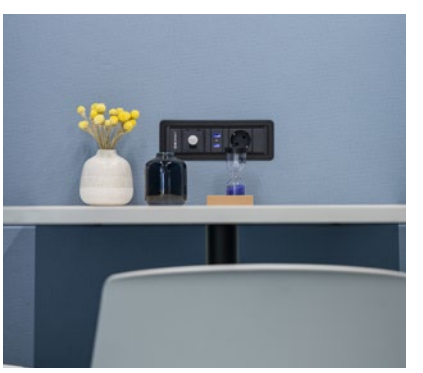
LIGHTING

Linear LED lighting 8,6W 12V
4000K natural neutral light integrated in the profile. Possibility of regulating the intensity.

CONNECTIVITY

Compact Plug&Play power system for universal voltage (110 - 240 V) with equipment consisting of: power socket, USB A and C charging point and presence detector.





GENERAL CHARACTERISTICS

EASE OF ASSEMBLY

Quick and easy assembly.
Qyos is delivered pre-assembled for easy express assembly.

QYOS 100

ASSEMBLY **50 min.** aprox.

QYOS 150

ASSEMBLY **65 min.** aprox.

QYOS 200

ASSEMBLY **80 min.** aprox.

QYOS 400

ASSEMBLY **110 min.** aprox.

ECO-RESPONSIBLE DESIGN

Designed with sustainable and recyclable materials.

- VOC-free powder coating
- 100% recycled aluminium
- MFC and MDF board zero formaldehyde E05 according to UNE EN 717-1
- Edges of boards fixed with VOC-free adhesives
- 100% recycled cardboard packaging
- Easy separation of product components

FINISHES

Configurable.
Different combinations of materials, colours and accessories are possible.

OPTIONAL ACCESSORIES

Qyos Soft Seating

COMPATIBILITY:
QYOS 200 / QYOS 400 / QYOS 600

Qyos Stool

COMPATIBILITY:
QYOS 100 / QYOS 150 / QYOS 200 / QYOS 400 / QYOS 600

Presence indicator

Presence indicator for Qyos with 1 light for each corner of the cabin.

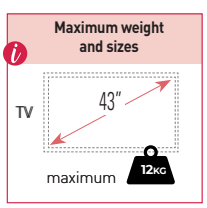
COMPATIBILITY:
QYOS 100 / QYOS 150 / QYOS 200 / QYOS 400 / QYOS 600

RJ connection

RJ45 connection plug-in for the cockpit

COMPATIBILITY:
QYOS 100 / QYOS 150 / QYOS 200 / QYOS 400 / QYOS 600

TV mounting bracket (VESA 80 / 100 / 200)



COMPATIBILITY:
QYOS 200 / QYOS 400 / QYOS 600

Door stop

Cab door bumper to prevent collisions.

Example configuration

COMPATIBILITY:
QYOS 100 / QYOS 150 / QYOS 200 / QYOS 400 / QYOS 600

GENERAL CHARACTERISTICS

CONSIDERATIONS FOR THE INSTALLATION OF QYOS SOUND PROOFING BOOTHS

- **LOCATION**
  - To implement Qyos on a reliable and accurate plan.

- **LIGHTING**
  - Avoid direct sunlight on the booth to prevent high temperatures due to the greenhouse effect inside the booth.
  - Avoid reflections from indirect sunlight.

- **ACCESS / LOCATION**
  - Avoid locating the Qyos booth facing a corridor or passageway, as the door opens outwards and could cause an accident.
  - Check that there is a forklift at the installation site or building to move the booth's packaging. If there is a lift, the minimum height must be **2.4 metres.**
  - Install the Qyos cabin in a large space that allows manoeuvrability. Space must be available to allow the car to be moved in case of maintenance of the car or the building installations (repair of carpeting, air conditioning, etc.).
  - Certify that the minimum height of the Qyos booth location is **2.6 metres.**

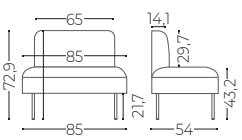
ELECTRICITY AND DATA POINTS
  - The location of the Qyos booth must have electricity and data access points nearby.

- **AIR CONDITIONING**
  - Avoid placing the Qyos booth under any air-conditioning or heating outlet, to ensure the correct temperature inside.
  - Ensure a minimum distance of 35 centimetres between the roof of the booth and the ceiling of the installation, to guarantee correct and efficient ventilation of the booth.

- **FLOOR TYPE**
  - Certify that the structure of the installation allows a constant overload (weight) of 250 kg/m2.
  - Evaluate the characteristics of the type of floor and its stability (raised floor, parquet, ceramic...). During the levelling of the Qyos booth, ceramic tiles may break.

- **REQUIREMENTS BY USE**
  - Analyse the use and the number of people who will be using the Qyos booth, in order to choose the model that best suits the use.

OPTIONAL EXTRAS

Model	Taburete Qyos	Soft Seating Qyos
Reference Model	Stool with gas lift and fixed pedestal base	4-legged soft seating with backrest
Support		Backrest injected with 30 kg/m cutting foam3 density. Upholstered in easy-clean fabric.
Seat	Foam injected cushion. Upholstered in easy-to-clean black fabric.	Seat injected with 35 kg/m cutting foam3 density. Upholstered in easy-clean fabric.
Interior Structure		19 mm fibreboard
Structure/Base	Round base Ø35 cm fixed in black plastic.	Base with 4 steel tube legs Ø20 mm and e=2mm. Black finish.
Mechanism	Gas lifting system by means of a gas pump. The system is activated by a thermoplastic rubber handle located under the seat.	
Support	Black anti-slip rubber mat.	Black PP mat with 6mm non-slip felt.
Dimensions	**Overall dimensions:** Height: 535 to 795 mm Width: Ø 350 mm Depth: Ø 350 mm **Seat dimensions:** Height: 535 to 795 mm Width: Ø 300 mm Depth: Ø300 mm	**Overall dimensions:** Height: 729 mm Width: 850 mm Depth: 540 mm **Seat dimensions:** Height: 432 mm Width: 850 mm Depth: 399 mm
		

RANGE OF FINISHES

Structure, base and bowl (complement)

TEXTURED WHITE | TEXTURED BLACK

Melamine facing

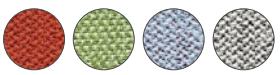
Exterior facing

MFC

00 WHITE | 11 LIME OAK | 10 LIGHT OAK | 03 BLACK ANTI - FINGERPRINTS

Interior facing

Fabric AE



AE92 | AE44 | AE62 | AE16

Fabric CM

CM90 | CM14 | CM22

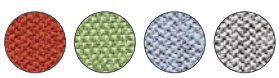
Fabric FA

FA25 | FA20

Fabric AE facing

Exterior facing

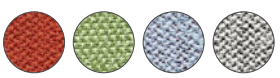
Fabric AE



AE92 | AE44 | AE62 | AE16

Interior facing

Fabric AE



AE92 | AE44 | AE62 | AE16

Fabric CM facing

Exterior facing

Fabric CM

CM90 | CM14 | CM22

Interior facing

Fabric CM

CM90 | CM14 | CM22

Fabric FA facing

Exterior facing

Fabric FA

FA25 | FA20

Interior facing

Fabric FA

FA25 | FA20

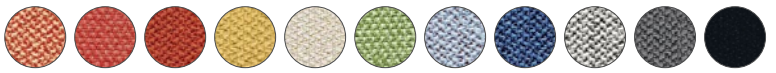
Table surface finishes

MFC

00 WHITE | 11 LIME OAK | 10 LIGHT OAK | 03 BLACK ANTI - FINGERPRINTS

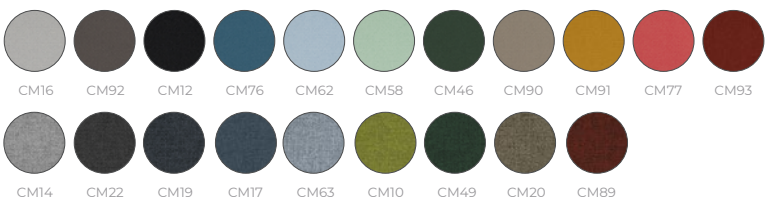
RANGE OF FINISHES

Fabric AE



Fabric AI

Fabric CM



Fabric FA

RANGE OF FINISHES

Fabric AN

Weight and Volume // Ecodesign

QYOS

MODEL		Packs	Weight	Volume	Materials Recycled materials	Production Aluminium, steel and wood	Transport Package and thinner free	Use To clean and maintain	Disposal Recyclable materials
QYOS 100		9	270	2,454	Alto	100%	100%	Muy Fácil	Alto
QYOS 150		10	350	3,036	Alto	100%	100%	Muy Fácil	Alto
QYOS 200		12	450	2,909	Alto	100%	100%	Muy Fácil	Alto
QYOS 400		16	660	3,716	Alto	100%	100%	Muy Fácil	Alto
QYOS 600		20	---	-----	Alto	100%	100%	Muy Fácil	Alto

Materials: Maximum use of materials to eliminate and minimize scraps. Use of recyclable and recycled materials in those components that do not affect the functionality and durability.
Production: Maximum optimization of energy use. Minimal environmental impact. Last generation technological systems. Zero discharge of wastewater. No VOC coatings. Processes free of heavy metals, phosphates, OC and COD.
Transport: Detachable systems. Volumes that facilitate the optimization of space. Maximum reduction of energy consumption by transport.
Use: Quality and warranty. Long lasting. Replacements available.
Disposal: Waste reduction. Supplier-manufacturer packaging reuse system. Components are easy to be separated. Inks in packaging are water-based, without solvents.

Standards

QYOS has passed tests done in our technical department as well as the tests done in AIDIMME & AITEX the Technological Institute for furniture.
The tests correspond to:

Standard	Description
ISO 23351-1:2020	Measurement of speech level reduction of furniture ensembles and enclosures - Part 1: Laboratory method

Certificates

The different programmes get points in different environmental categories to get the LEED certificate or WELL certificate (sustainability, material and resources, water, energy and atmosphere, inner environment quality, innovation and design).

FSC www.fsc.org FSC® C106678 The mark of responsable forestry

FORMALDEHYDE ZERO TSCA Title VI Compliant California 93120 Compliant Formaldehyde Phase 2

AENOR QUALITY MANAGEMENT ISO 9001 2015 IQNET

AENOR ENVIRONMENTAL MANAGEMENT ISO 14001 2015 IQNET

AENOR ECODESIGN ISO 14006 2020

U.S. GREEN BUILDING COUNCIL LEED PLATINUM USGBC
ACTIU TECHNOLOGY PARK
LEED® PLATINUM
certified by USGBC
Leadership in Energy & Environmental Design

WELL PLATINUM 2018
Health & Wellbeing of people through The space