



EPD105

The silent cabin is designed to provide users with a private and independent place in an open environment. It can meet the needs of various scenarios such as temporary office, chat meeting, personal leisure, etc. The enclosed space can effectively reduce the transmission of sound in the cabin and ensure information privacy. The cabin is equipped with adjustable ventilation and lighting systems.



EPD105/ Function



The fixed table top provides storage space for electronic devices such as laptops, mobile phones and other tools.

Table size: L:76*W:30(cm)

Table thickness: 25 (mm)

Material: Rubber Wood

capacity: 25kg



The ventilation system uses a dual-turbo fan, and the air in the cabin circulates in real time, replacing the air in the cabin once a minute.

size: ϕ 248*D29.5 (mm)

Rated voltage: DC 12V

power: 3W

Speed: 750RPM

Air volume: 0 86CFM (Single fan)



The indicator light on the top lights up automatically when there is someone in the cabin, so you can know the status of the silent cabin from a distance

Lamp body color: Red

Protection level: IP20

power: 10W

Input voltage: ①AC220-240V (European regulations)

②AC100-130V (US regulations)

useful time: 50,000 hours



Built-in lighting strips provide cabin lighting needs

Lamp body color: White/die-cast aluminum

Protection level: IP20

power: 10W

Input voltage: ①AC220-240V (European regulations)

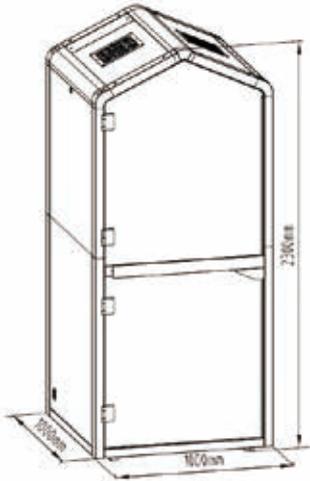
②AC100-130V (US regulations)

useful time: 50,000 hours

Color Temperature: 6 000K

EPD105/Performance Parameters

unit: mm



model:EPD105
Outer dimensions:1000x1000x2300mm
Inner profile size:869x900x2000mm
Table size:300x700mm
Table height:990mm

Not rising state

Transport status parameters
 Packing size: H1310*W1170*D1130 (mm)
 Bare metal size: H1200*W1140*D1070 (mm)
 Gross and net weight: 350kg/300kg

After rising state

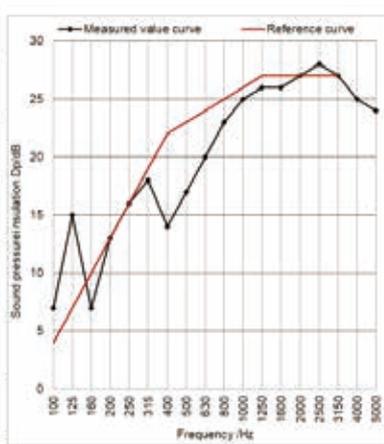
Machine status parameters
 External dimensions: H2330*W1000*D1000 (mm)
 Inner Dimensions: H2050*W860*D930 (mm)
 Bottom load: 130kg

Packing quantity: Qty/20ft: 14 Qty/40GP: 30 Qty/40HQ: 36

Handling equipment: Suitable for conventional forklifts

Sound insulation value:: 25±5dB (Sound insulation effect ISO 11957:1996 Standards, testing organizations -南德 TUV)

Frequency Hz	(L _p) _{max} dB	(L _p) _{min} dB	Sound pressure insulation, D _p /dB
100	79.9	73.0	6.9
125	84.6	70.0	14.6
160	88.7	81.3	7.4
200	95.6	82.8	12.8
250	98.7	82.3	16.4
315	97.9	79.8	18.1
400	96.9	83.8	14.1
500	95.3	78.0	17.3
630	95.6	75.4	20.2
800	96.3	73.2	23.1
1000	93.7	68.9	24.8
1250	94.1	68.1	26.0
1600	94.6	68.1	26.5
2000	93.6	66.9	26.7
2500	92.2	64.5	27.7
3150	90.5	63.8	26.7
4000	89.0	63.8	25.2
5000	85.7	62.0	23.7
Weighted sound pressure insulation D _w /dB			23



Volume Reverberation Room	160m ³	Date	22.12.2023
Temperature	19°C	RH	35%
		Wind	0 m/s
Description of Test Arrangement	The sample is installed on-site by the client in the reverberation room test area. The door of the specimen is opened and closed repeatedly for ten times and test without further adjustment.		

Name	Type	Serial No.	Manufacturer	Calibration Period of validity until
Pulse system	PULSE 3650-D	2568890	B&K	14/04/2026
Microphone	4100-L-001	2666551	B&K	03/01/2024
		2666554		03/01/2024
		2666555		03/01/2024
		2666557		03/01/2024
Sound source	OS002	510371	Beijing Shengwang	18/11/2024
Power amplifier	SYA100	510157	Beijing Shengwang	29/11/2024
Calibrator	4231	3002009	B&K	31/03/2024

TUV SUD Certification and Testing (China) Co., Ltd. Shanghai Branch
 Project Engineer: [Name]
 Project Manager: [Name]

Material composition: The frame structure is made of aluminum profiles and steel plates, the doors are tempered glass, the interior sound insulation panels are made of polyester fiber, the floor material is particle board, and the side wall sound insulation layer is made of multiple layers of stacked materials.

Surface technology: Plastic spraying

Driver configuration: Four-post single motor automatic lifting

Charging device: USB-A/USB-C 30W

Mobile mode: The bottom has casters and foot pads, and the height of the foot pads can be adjusted by twisting with a hexagonal wrench to make the cabin movable and fixed.

Installation time: 2 people- 40min

EPD105/Selling Points

Lifting installation: Lifting column quick installation

Human body sensor: Automatically identify the use of the cabin. If someone is using it, the cabin fan and lighting will be turned on, and the indicator light outside the cabin will be turned off automatically after the person leaves.

Indicator Lights: It lights up automatically when there is someone in the cabin, and the cabin status can be clearly seen from a distance.

fan: The air in the cabin flows in real time, and the air in the cabin is replaced every minute.

Integrated socket: Integrated lighting, fan switch, five-hole socket, USB-A、USB-C Charging port

Table top: Provide storage space for electronic devices, etc.

Adjustable foot pads: The height of the foot pad can be adjusted by a wrench to adapt to different ground flatness conditions.

Casters: Easy to move to different locations.

Magnetic plate: The table top is equipped with a black iron plate, which can be used in combination with magnetic accessories.



EPD105/Optional accessories



High chair

Adjust the height: 60-80 (cm)

Product Model: YZ223

Backrest height: 24 (cm)

Cushion size: W 37* D33 (cm)

Adjustment method: Manual



External wall accessories

Material: iron

Surface technology: Spray black sand pattern

Size: Partition: 855*140*160mm

Shelves: 855*220*80mm

blackboard: 855*200*1000mm



Quiet cabin with cabinet

Material: Paint-free particle board

Size: Sideboard: WF001: 350*858*1980mm

Floor Cabinet: WF002: 400*400*1980mm

Floor Cabinet: WF003: 400*400*1980mm

Floor Cabinet: WF004: 200*250*1980mm

Lockers: WF005: 2223*1200*450

Load-bearing: Single layer load bearing floor cabinet 10kg, Total load-bearing 50kg;

Side cabinet single layer partition load bearing 5kg

Fixing method: The cabinet and the silent bulkhead are connected with self-tapping screws.

Installation time: 2 People 30min-90min

