

Bosse

made in Germany



TECHNICAL DATA SHEET

BOSSELINO DUO





BOSSELINO DUO

TECHNICAL EQUIPMENT OPTIONS

- Clear interior height 2018 mm
- Installation without anchoring to building
- Stable base plate with acoustically effective felt as carpet
- Suspended ceiling
- Height levelling of up to 15 mm for uneven sections of flooring
- Electrical installation via plug & play system
- Integrated ventilation and LED lighting
- Three fans delivering a total air supply of 240 m³/h
- Sound-absorbent side walls and back panel
- Door panel 8 mm TSG
- Suitable for two people
- 700 x 873 mm table

CONSTRUCTION

External wall structure	Composite wooden panel made from 50% recycled wood and biogenic glue with a melamine finish
Interior wall structure	Acoustic felt made from 100% recycled PET
Profiles	Frame made from aluminium profiles
Ceiling	Multiplex ceiling panel
Suspended ceiling	Composite wooden panel made from 50% recycled wood and biogenic glue
Floor	Multiplex base plate with maximum height adjustment of 15 mm
	Acoustic felt as fitted carpet
Door	8 mm TSG
Total weight	Approx. 450 kg

DIMENSIONS

Outside width inside width	1909 mm 1795 mm
Outside depth inside depth	994 mm 912 mm
Inside height	2018 mm
Outside height	2155 mm
Required ceiling height on site	2500 mm

STANDARD TECHNICAL FEATURES

All of the electrification is located in the middle post and the ceiling. The power supply cable is routed out of the Bosselino centrally at the rear. A power supply cable approx. 2 m long to run to the on-site power socket is provided.

Power connection:



Two USB chargers with a double charging socket (USB A + USB C)

- USB-A max. 15 W
- USB-C max. 65 W

Ventilation:



Building-independent ventilation system for air exchange with the ambient air through extraction (3 fans)

- 3 x silent fans, 80 m³/h each
- Power consumption per fan: 1.44 W
- Volume per fan 18.9 dB

Power supply cable:

2 m connecting cable with country-specific plug and IEC socket C13

Presece detector:



Automatic control of light and air

Default overrun time for light and air is 3 minutes

- Power consumption approx. 0.1 W
- Protection type: IP 20

Power consumption of all consumers: 14.4 W

Standby power consumption: 0.9 W

MATERIAL AND COLOURS

Acoustic felt:

Colour: Light khaki | sound absorption: Class B

OrganicBoard P2:

Melamine coating

External wall panels: Ultra-white W10450 with a matt surface

Shelf: Lindberg oak wood finish

Backing material: Prime Board P2 Carb2

Product standard: EN14322

PEFC-certified

Aluminium frame structure:

Powder-coated (fine structure) | RAL 9016

Multiplex:

Wood type: Birch

Acoustic felt carpet:

Colour: Anthracite

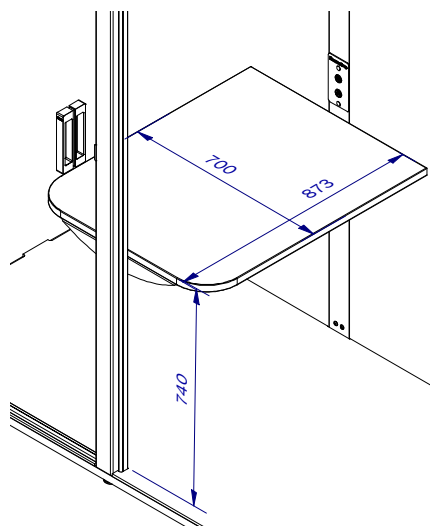
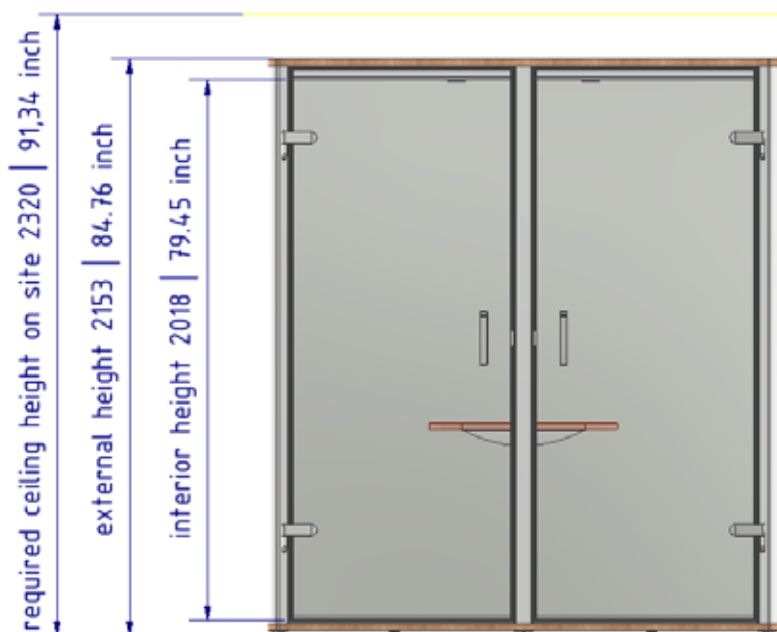
Glass:

Toughened safety glass

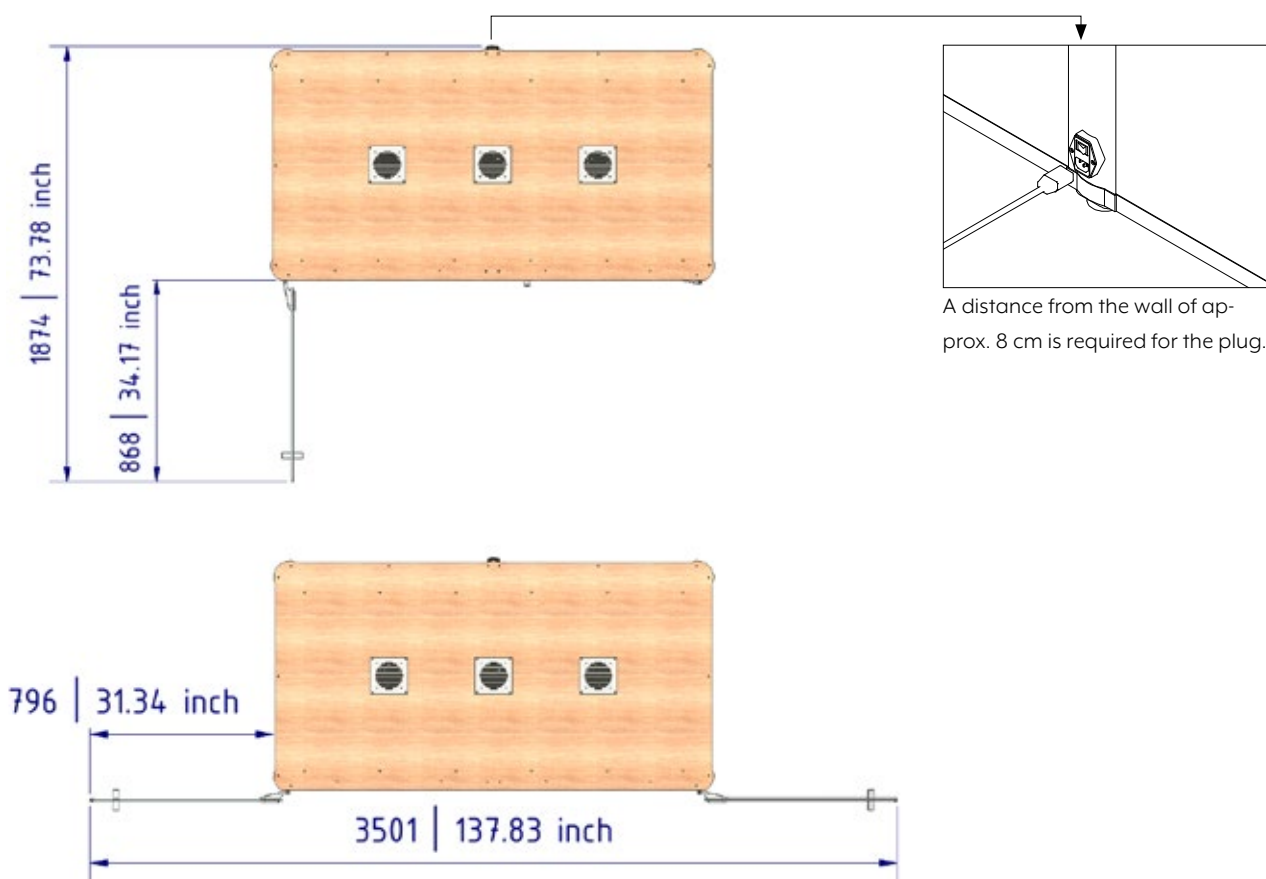
DIMENSIONS AND WEIGHTS

Standard clear interior height 2018 mm | net weight approx. 450 kg

Table dimensions



Dimensions with door in open position

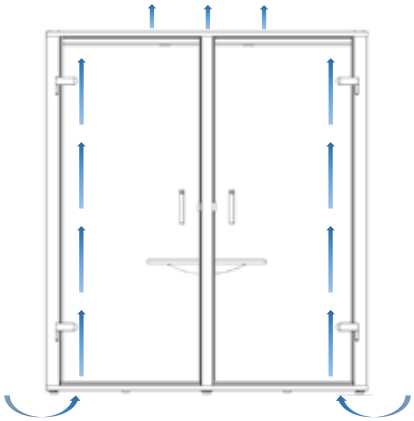


VENTILATION PRINCIPLE

The building-independent ventilation principle of the Bosselino uno is based on exchanging air with the ambient air. This is sucked in from below. The air flows up through the floor and is extracted from the Bosselino. This produces a continuous air circulation and creates the best possible climate inside. The low-noise ventilation system is also very energy-efficient.

Air supply volume of the fans

Max. supply volume per fan (80.00 m³/h) x number of fans (3) = maximum air supply volume (240.00 m³/h).



FIRE SAFETY PROPERTIES

Material	Component	Fire retardancy EN 13501-1	Fire safety class
Toughened safety glass (TSG)	Glass door	EN 12150 -I	A1
Acoustic felt	Panels & carpets	B-s1, d0	B1
Composite wooden panels OrganicBoard P2	Panels & carpets	D-s2, d0	B2
Aluminium	Panels (posts)	–	–
Composite wooden panels Multiplex	Ceiling & floor	–	–
Rubber	Door stop seal	FMVSS 302 / US 571 302	–
Miscellaneous	–	–	–

*Key for building material classes acc. to DIN EN 13501

A1 = Non-flammable
 A2 = Non-flammable
 B,C = Flame-retardant
 D,E = Normal flammability
 F = Highly flammable
 s1 = No smoke/hardly any smoke
 s2 = Limited smoke
 d0 = No droplets
 d1 = Limited droplets
 d2 = Lots of droplets

*Key for building material classes acc. to DIN 4102

A1 = Non-flammable
 A2 = Non-flammable
 B1 = Flame-retardant
 B2 = Normal flammability
 B3 = Highly flammable

SUSTAINABILITY

Material data and environmental breakdown

Material	Weight in kg	Weight in %	Sustainability
Wood material	215 kg	59,71 %	– OrganicBoard P2 with approx. 50% recycled wood and biogenic glue - Multiplex birch
Glass	68 kg	18,89 %	–
Felt	29,5 kg	8,19 %	– Felt made from 100% recycled PET
Aluminium	28 kg	7,78 %	– Low-carbon aluminium guarantees a certified carbon footprint of no more than 4.0 kg of carbon dioxide per kilogram of aluminium – The primary aluminium is 70% manufactured from renewable energies – The process for recycling aluminium requires just 5% of the energy needed to manufacture the primary aluminium
Steel	5,15 kg	1,43 %	– 100 % recyclable
Electronics	2,8 kg	0,78 %	– Only long-lasting and high-quality electrical components are used – Low power consumption (see page 4)
Plastic	8,98 kg	2,49 %	–
Seals	0,64 kg	0,18 %	– Thermoplastic elastomers (TPE) – 100% recyclable
Miscellaneous	1,98 kg	0,55 %	–

PACKAGES

1/5	Back panels	81 kg
2/5	Side wall + door	87 kg
3/5	Side wall + door	87 kg
4/5	Floor	58 kg
5/5	Ceiling	57 kg
	Bench seat	10 kg