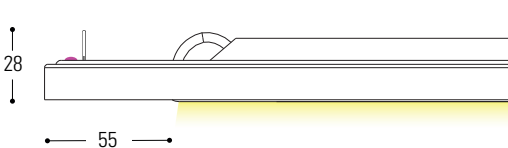


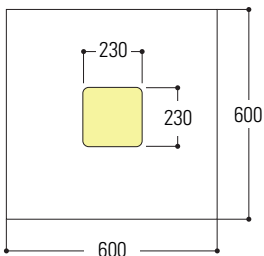
VERT LIGHTPANEL

for **Vert Lab** system

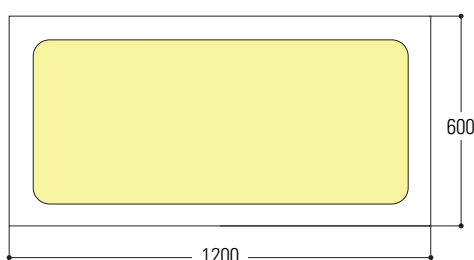
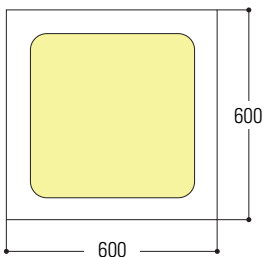
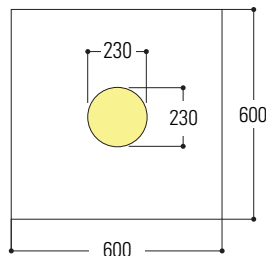
90° edge



Rounded edges



oval



DESCRIPTION

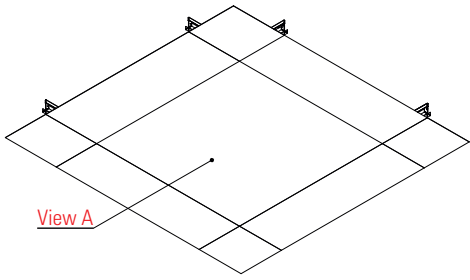
Recessed luminaire for lighting with high light output LED technology. An elegant and modern style guaranteed by the integration inside the Vert Lab ceiling; unique in its kind it allows installation in ceilings where there is little soffit space. The luminaire is composed of an aluminium structure and a cladding panel that has the same material (aluminium or steel) and the same finish (pre-painted and post-painted) as the false ceiling, and replaces all applications that hitherto involved the use of fluorescent and halogen tubes.

TECHNICAL CHARACTERISTICS

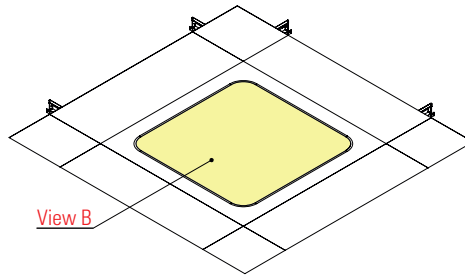
Panel material:	Aluminium (Alloy 3000H46) Galvanised steel (DX51DZ) Steel inox
Ceiling light material	Aluminium (Alloy 3000H46)
Colour:	RAL 9003 O RAL 9010 (with optional antimicrobial paint)
Panel thickness:	0,4 - 0,5 - 0,6 mm
Body thickness:	0,8 mm
Internal driver:	Yes
Features:	DALI module / emergency module
Standard modules:	600x600 (with double geometry 230x230) 600x600 with 90° edge 600x1200 with 90° edge
Service life:	50.000 hours
LED warranty:	3 Years
Product weight:	dai 2 ai 4 kg

ADVANTAGES AND APPLICATIONS

Vert Lab System

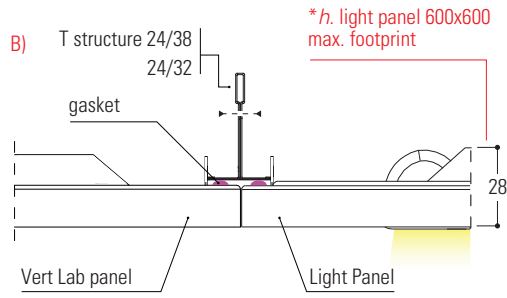
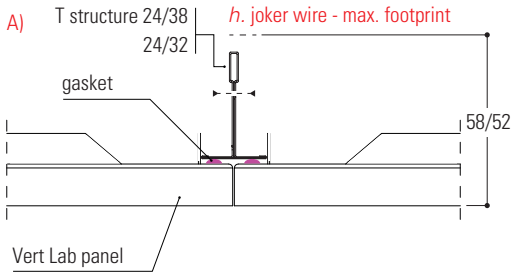


Vert Lab System with light panel



DESCRIPTION

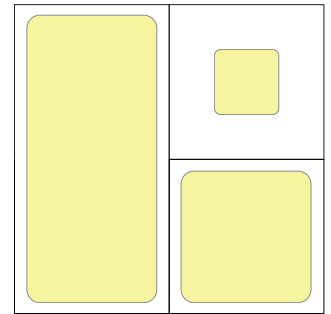
Thanks to its modern design, this **light panel** allows perfect integration into the Vert Lab system, which consists of a T-shaped structure and panels that follow the lines and design of the light panel, further enhancing the entire assembled system. The entire system is in a concealed frame and, together with the ceiling light, can be accessed at any point by means of a suction cup that is supplied.



PERFORMANCE, CONSUMPTION AND MODULE

The **Light Panel** is designed to offer homogeneous, flicker-free illumination suitable for installation in any location where optimum visual performance is required. This LED panel offers excellent lighting performance for up to approximately 50,000 hours, with an estimated daily usage of 8 hours. Thanks to the integrated LED technology, this panel replaces older installations with halogen tubes with significantly lower consumption. The LED system therefore drastically lowers consumption while maintaining the same light intensity.

Type	Dimensions	Power (W)	Luminous flux Lamp** (IM) OPAL	Luminous flux Lamp** (IM) UGR
VLP 5353/4	600x600 (230x230)	24	-	1633
VLP 5353/4	600x600	32	-	3807
VLP 5353/4	600x1200	74	-	7888



600x600 (230x230)
600x600 / 600x1200 mm

OPTICAL GROUP AND PHOTOMETRIC CURVE

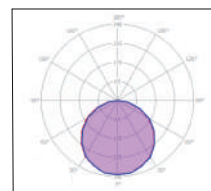
- Colour rendering Ra>90
- Photobiological risk 0 (exempt) UV-protected EN 62471

Available optics:

UGR<19 (UGR) version

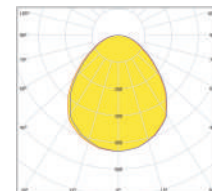
Microprismatic polycarbonate optics for environments with video terminals

600x600 (230x230)



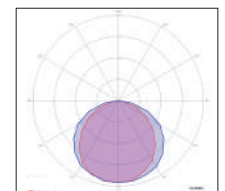
cd/klm — C0 - 180 — C90 - C270 η = 100%

600x600



cd/klm — C0 - 180 — C90 - C270 η = 100%

600x1200



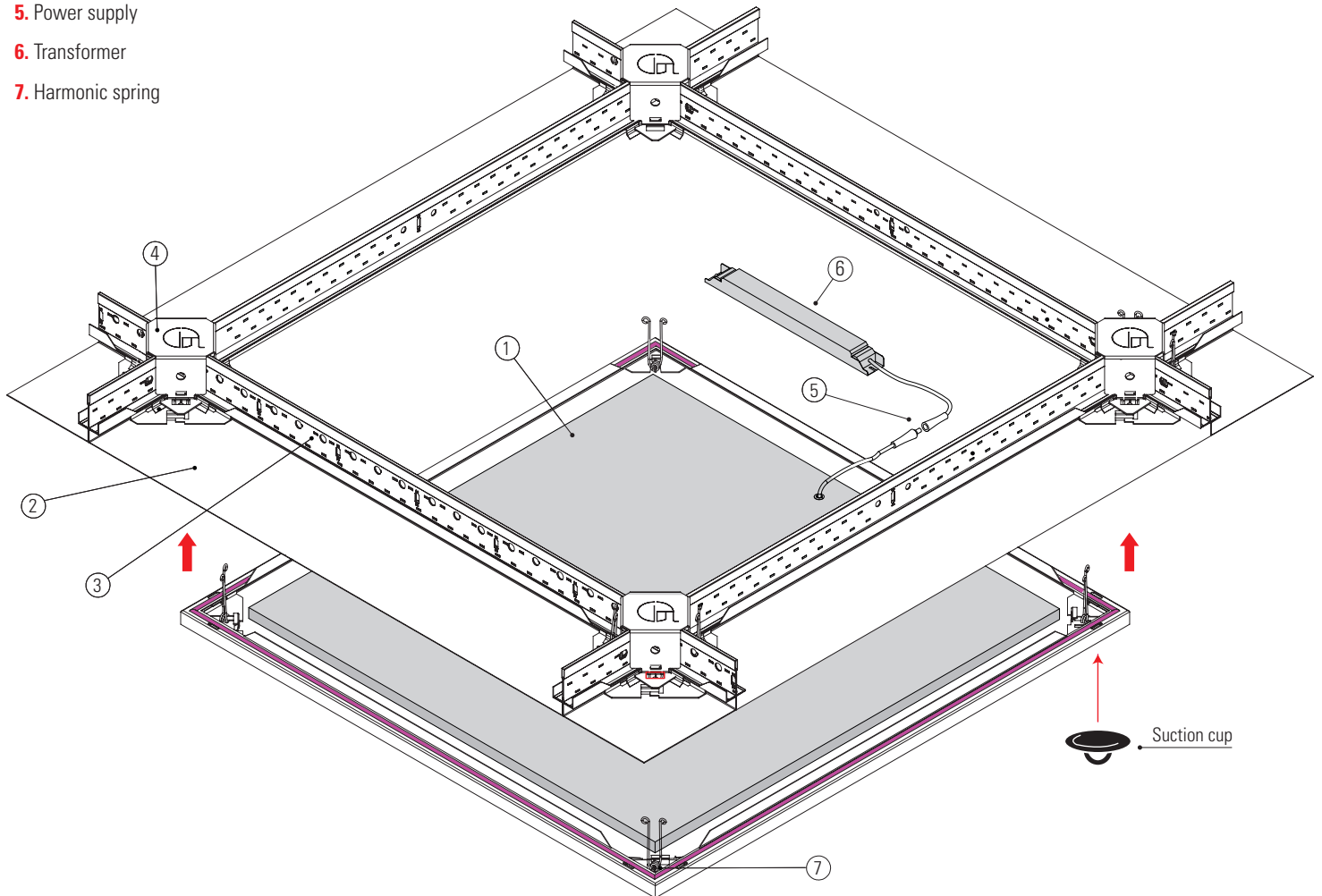
cd/klm — C0 - 180 — C90 - C270 η = 100%

Standard available colour temperature



SYSTEM ELEMENTS

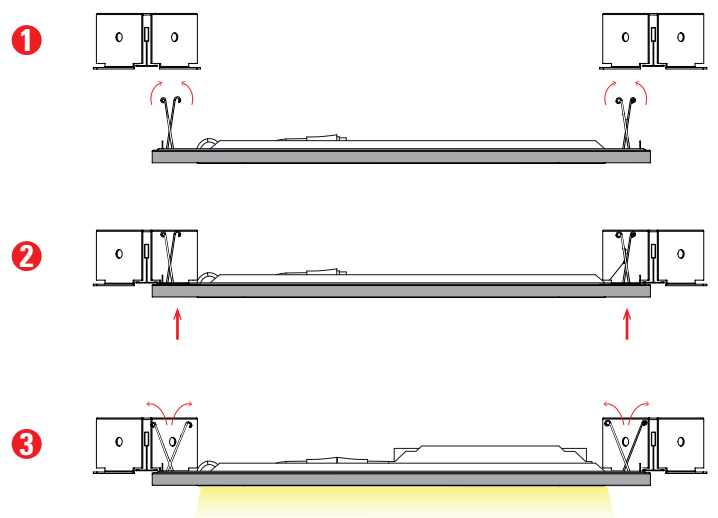
1. Light Panel
2. Vert Lab panel
3. T profile
4. Joker
5. Power supply
6. Transformer
7. Harmonic spring



INSTALLATION DESCRIPTION

The Light Panel is assembled in the same way as a Vert Lab panel, the steps are few and intuitive:

1. Tighten the springs(7) located at the four corners of the light panel(1)
2. Insert the springs into the slot of the Jokers(4) located on each junction of the structure T.
3. Then connect to the mains using the power supply socket(5).
 - Push the light panel(1) upwards to complete assembly.
 - Use the suction cup in the corner to inspect the LED panel.

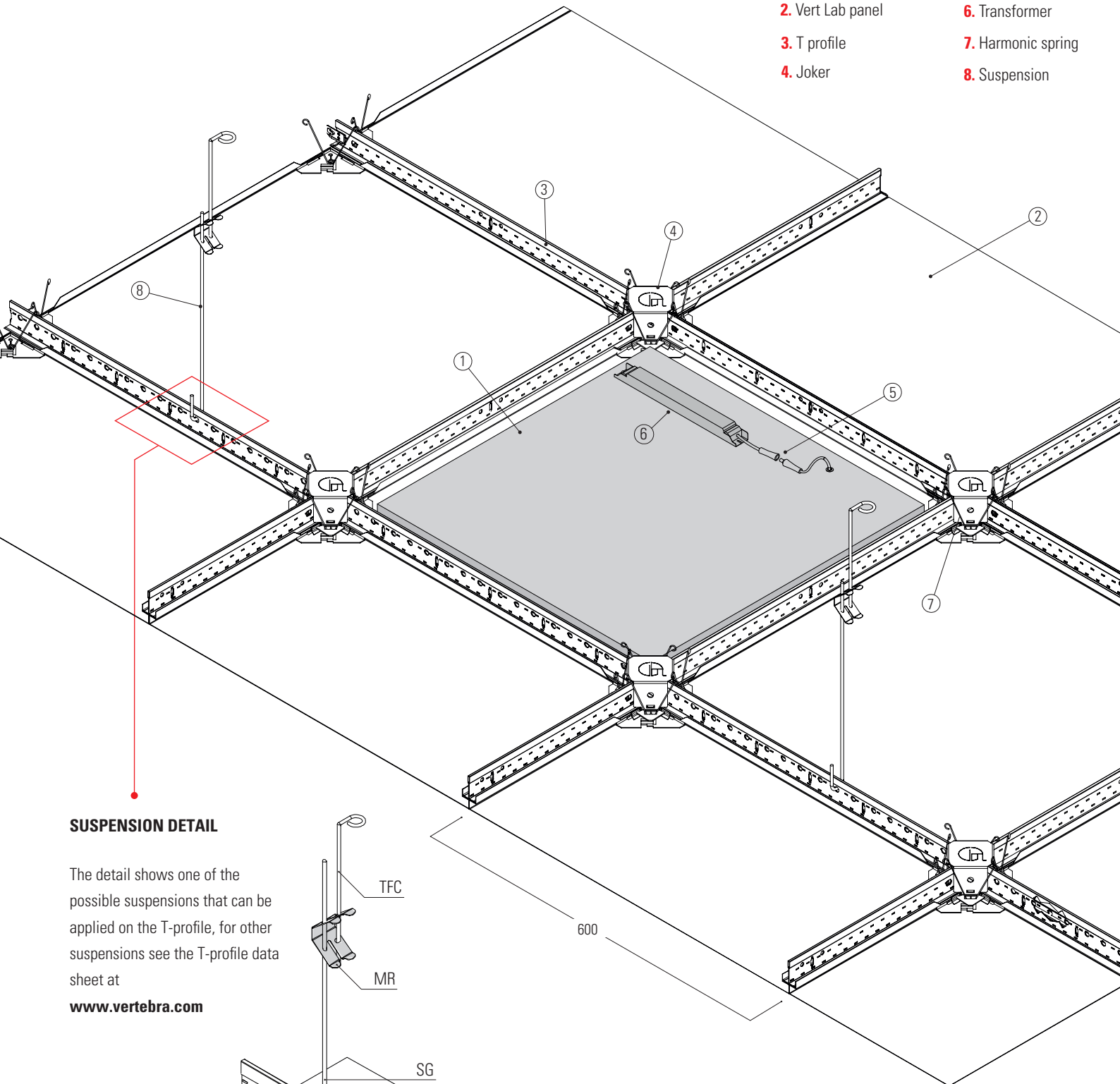


POSITIONING VIEW FROM ABOVE

MOUNTING EXAMPLE ON T-STRUCTURE

SYSTEM ELEMENTS

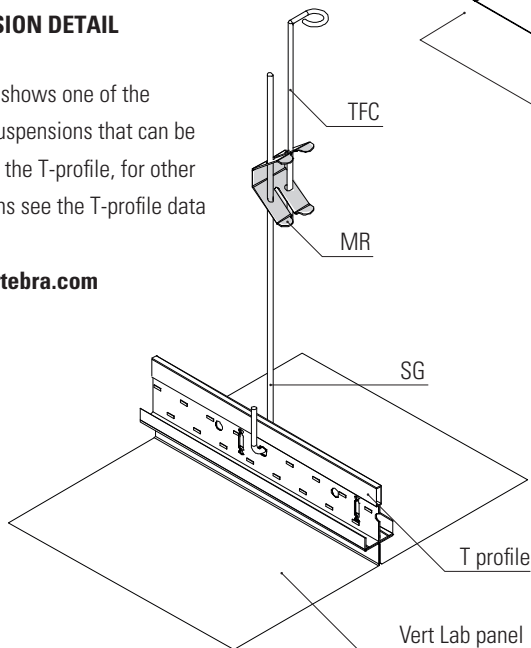
- 1. Light Panel
- 2. Vert Lab panel
- 3. T profile
- 4. Joker
- 5. Power supply
- 6. Transformer
- 7. Harmonic spring
- 8. Suspension



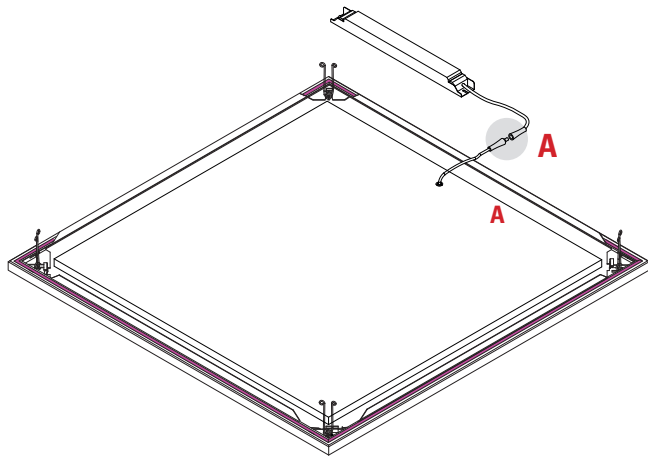
SUSPENSION DETAIL

The detail shows one of the possible suspensions that can be applied on the T-profile, for other suspensions see the T-profile data sheet at

www.vertebra.com



POWER SUPPLY SOCKET AND SEA



A: Power supply

- 230/240 - 50/60 Hz power supply with 0.75 mm² cross-section cable and PVC-HT sheathing, flame retardant in accordance with CEI 20-35 standards and complying with CEI 20.20 and CEI CENELEC HD 21 standards. IP66 2P+E or 4P+E watertight connector, maximum allowed cable cross-section 2.5 mm².

Insulation class I. Suitable for installation on normally flammable surfaces.

- Power supply EEI=A2 230-240, 50 - 60Hz. power factor > 0.95.



OTHER EQUIPMENT

Possible equipment of the Microprocessor Self-Test Module equipped with:

- Autonomy test
- Functionality test
- Routine tests

**Luminous flux tolerance $\pm 10\%$.

*Dual Power possibility

*/** see table page 2

WARNINGS

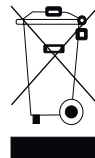
General Warnings

- The luminaire is constructed in a workmanlike manner, and its electrical life will be more than sufficient if used correctly.
- Please read the following warnings carefully as they are important information for safe installation, use and maintenance.
- After removing the appliance from its packaging, ensure that it is undamaged, otherwise contact the seller.
- Packaging elements (plastic bags etc.) must not be left within reach of children as they are potential sources of danger.
- Before connecting the appliance, make sure that the rating plate data correspond to those of the electrical distribution network to which the appliance will be connected (the label with the rating plate data is located on the outside of the appliance).
- Before carrying out any cleaning or maintenance operations, disconnect the appliance from the mains power supply by switching off the circuit breaker; in the event of a fault, contact only professionally qualified personnel.
- Failure to do so may compromise the safety of the appliance.
- The manufacturer cannot be held liable for any damage resulting from improper, incorrect and unreasonable use.

Important warnings

- The product must not be subject to modification, any modification voids the warranty and may render the product dangerous. Antonio Guerrasio s.r.l. shall not be held liable for any damage caused by its products not being assembled in accordance with the instructions.
- Any damaged components must be replaced with similar ones.
- The products must be installed in a workmanlike manner.
- In order to avoid dangerous overheating, it is recommended not to install the appliance in cramped spaces without air exchange.
- The appliance is also intended for installation on normally flammable surfaces.

Recycling



In implementation of Directives 2002/95/EC, 2002/96/EC and 2003/108/EC ("on the reduction of the use of hazardous substances in electrical and electronic equipment and the disposal of waste") the crossed-out wheeled bin serves as a reminder to collect the product separately from other waste at the end of its life or to return it to the retailer when purchasing a new appliance of an equivalent type. This helps to preserve the environment from contamination and promotes the recycling of equipment components. Unauthorised disposal is subject to sanctions in accordance with the law.



IP65
lato inf.

IP20
lato sup.



UGR<19



Features subject to change and improvement without notice