



Technisches Datenblatt

EOS InfraTec Premium

Control unit for infrared cabins with 3 warming zones and dimming function

Electronic control unit for IR cabins with 3 separate warming zones and dimming. For private and commercial use.

Your benefits:

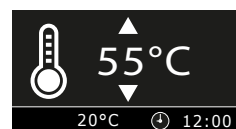
- Comfortable, simple operation thanks to the illuminated LCD display with multi-language menu navigation
- Suitable for all IR radiators (ceramic, tube, quartz, foils)
- Two individually dimmable zones and one switchable zone
- Compact flush-mounted control panel
- Made in Germany quality by EOS

Features:

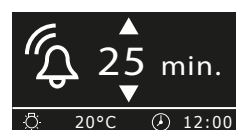
Control panel:	plastic, anthracite pearl effect, with 2 deco strips, flush-mounted installation, inc. 2 m connection cable.
Main relay box:	plastic, creme white, wall-mounting
Display:	LCD, 41 x 22 mm, multiline, alphanumeric, with backlighting
Menu navigation:	5 languages (DE, EN, FR, ES, NL), with clear text messages
Temperature control:	digital two point, KTY sensor
Control range:	30 - 70 °C (with sensor)
Warming zones:	2 dimmable zones, 1 switchable zone
Heating time:	0 - 99 min (private) / 0 - 12 h (commercial)
Power output:	max. 3500 W
Power supply:	230 V 1N AC 50 Hz
Other features:	Output for cabin light (max. 100 W), Optional sensor for heating foils, Temperature control via main sensor or via individual zone dimming.



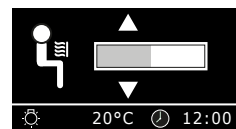
Quick temperature adjustment, before or during the use



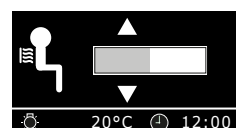
Quick setting of the desired heating time



Dimmable front zone, with immediate effect



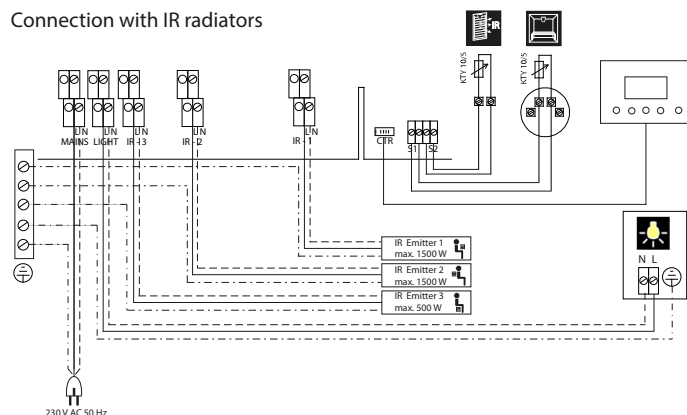
Dimmable rear zone, with immediate effect



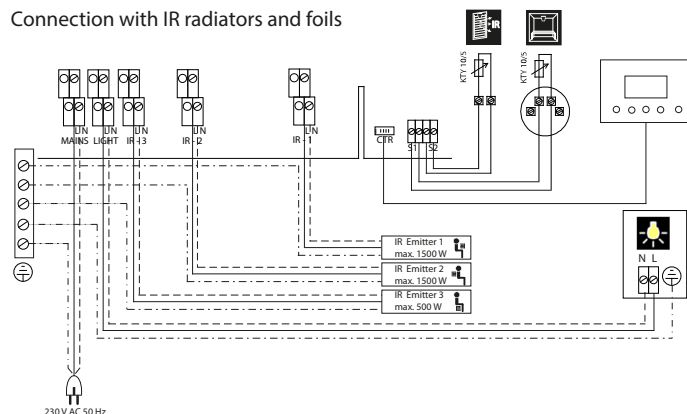
CE EAC IPx4 MADE IN GERMANY

Connection diagram

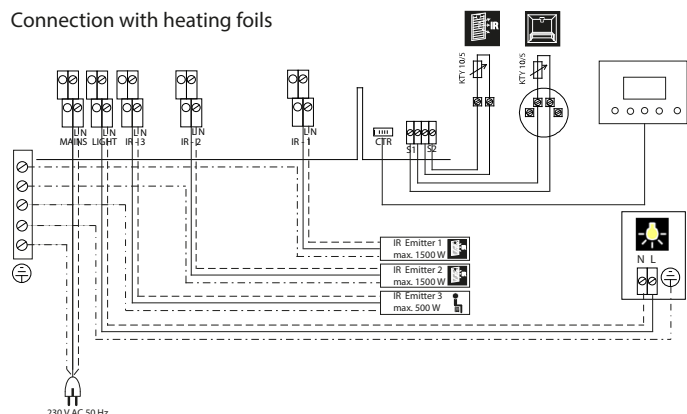
Connection with IR radiators



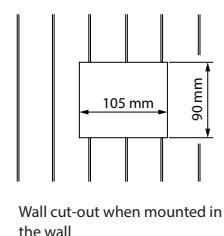
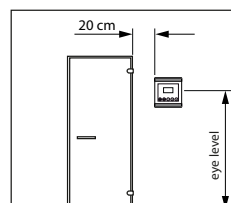
Connection with IR radiators and foils



Connection with heating foils



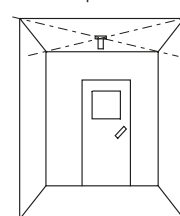
Installation



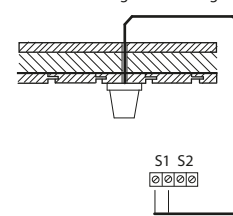
Wall cut-out when mounted in the wall

Sensor installation

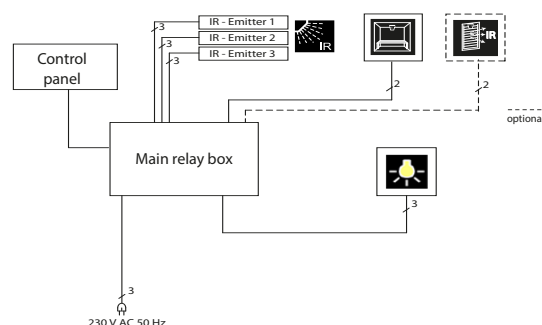
Installation place



Sensor mounting at the ceiling



Connection plan



Front:

Dimmable. IR radiators and foils, recommended power up to 1.500 W

Rear:

Dimmable. IR radiators and foils, recommended power up to 1.500 W

Feet:

Switchable. IR radiators, recommended power up to 500 W

NOTICE: the total power of all IR emitters in any combination may not exceed 3500 W.

Item no.	Electrical connection	Power	Fuse protection	Temperature control range	Heating time	Dimension H/W/D in mm	Ambient temperature during operation	Gewicht ohne Verpackung
94.5255	230 V 1N AC 50Hz	max. 3,5 kW	16 A	30 - 70 °C	0 - 99 min or 0 - 12 h	130 x 118 x 23 mm control panel 240 x 230 x 70 mm relay box	-10 bis +60 °C control panel -10 bis +30 °C relay box	1,5 kg