

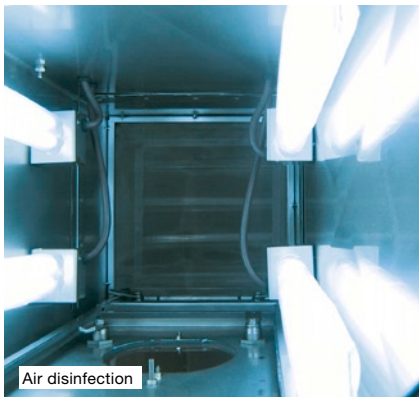
# BÄRO IP 65 UV-C compact lamp



Disinfection in a filling machine for yoghurt

BÄRO's IP 65 UV-C compact lamp provides a particularly high degree of protection against dust and water. The use of UV-C compact emitters also allows excellent disinfection effects to be achieved, even within confined spaces. 253.7 nm UV-C radiation is used to reduce the number of germs. This wavelength has a lethal effect on microorganisms such as bacteria, moulds yeasts and viruses. Low-pressure UV-C emitters that produce no ozone serve to generate the short-wave UV-C radiation, which provides a high level of radiant efficiency. A special interior coating of the quartz glass ensures an exceptionally long service life with minimal decline in radiative power.

A special feature of this emitter is its coating with a protective Teflon film. If the glass breaks, the coating prevents splinters from falling onto the material underneath the emitter, or from entering the flow of air. The protective covering, which is cast in a ceramic holder, also provides protection against splashes and jets of water, thereby achieving compliance with protection class IP 65. The Teflon coating also has a thermal insulation effect, thus preventing a reduction in the radiant power when the lamp is used in cold conditions.



Air disinfection



## Applications:

- Surface disinfection of
  - Conveyor belts
  - Equipment
  - Dough-rising surfaces etc.
  - Sealing films and lids
- Air disinfection

Technical description	UV-C compact lamp in ceramic casing (external ballast) 1 x 55/95 Watt	UV-C compact lamp in ceramic casing (external ballast) 1 x 60 Watt
Product no.	892055 / 892095	892060
Length	571 mm	446 mm
Width	66 mm	66 mm
Height	60 mm	60 mm
Supply voltage	230 V ~ 50/60 Hz (55 W) 120-277 V ~ 50/60 Hz (95 W)	120-277 V ~ 50/60 Hz
Power consumption	55 Watt / 95 Watt	60 Watt
UV-C emitters	55 / 95 Watt, with Teflon coating	60 Watt, with Teflon coating
Emitter service life	8,000 hrs.	8,000 hrs.
Safety class	I	I
Protection class	IP 65	IP 65
Weight	0.8 kg	0.8 kg

# BÄRO

Air hygiene

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