

AIRPURION® Duo 90/39 hum X for ambient air disinfection and room lighting

... stands out for its extraordinary disinfection and lighting performance, compact construction mode and low power consumption. The equipment is being executed in accordance with valid laws, standards and guidelines.



This equipment consists of a matt anodized aluminium profile with matching cover plates. Radiator compartments hold reflectors made of pure polished aluminium. The upward facing compartment holds the UV radiator for ambient disinfection. The downward facing compartment holds the D radiator for room lighting with especially natural light.

For the equipment's ceiling suspension there is a stageless lowering cord-operated system available.

Both radiators may be separately operated. Power supply is being obtained by means of a separate wall-fastened distribution box. Maximum cable length between the distribution box and the radiation unit is 20 m.

Utilized radiators stand out for their long service life, high disinfection and lighting performance, as well as for low power consumption.

Its compact construction mode allows for a simple lamp removal without the need for tools, as well as for a lamp replacement that for instance becomes necessary at the end of the radiators service life.

The equipment is also suitable for being operated in moist environments.

Attention!

UV radiation is dangerous for skin and eyes.
Eyes and skin must be protected accordingly
The operator will be responsible for its own safety,
as well as for the safety of people being in a room where
radiators are being operated

Please bear in mind that any materials lacking UVC radiation stability may be damaged.

manufacturer	PURION® GmbH
type	AIRPURION® Duo 90/39 hum X
ambient air disinfection	
disinfection degree of 80%	approx. 100 m³ volume of space
disinfection degree of 88%	approx. 50 m³ volume of space
turnover of the ambient air	36 m³/h
room lighting	lighting with natural, vitalizing light vitamin D activator
radiation amplitude	750 mm each
housing dimensions length x width x height in mm	1000 x 67 x 100
weight	3 Kg
radiators service life	10,000 h
quantity of radiators	2
uvc radiator	90 W / 250-270 nm
d lamp	39 W / 1 A color temperature 5.800 K
maximum temperature	40°C
housing protection type	IP 54
power connection	230 V 50 Hz
performance	uv radiator 90 W d lamp 39 W
fuse protection	10 A

This equipment is being used for indirect ambient air disinfection and simultaneous room lighting

medical areas	•
public institutions	•
livestock breeding	•
plant breeding	•
shop floor areas	•

Advantages

- no chemicals added
- no olfaction abatement
- low-maintenance operation
- low operational costs