



Tube Unit

The Sterionizer™ Tube Unit is designed to add ionizing technology into round air duct systems.

One Sterionizer™ D6 unit is located in the center of the ring and generates ions. The Tube Unit generates ions, distributes them through the airflow and sub-sections then out to the indoor space.

Ring size is customized per order to customer requirements. The tube is made of stainless steel.

The unit is maintenance free with innovative-patented self-cleaning emitters. In addition, the unit includes a Modbus communication port that can easily be connected to any building management system.

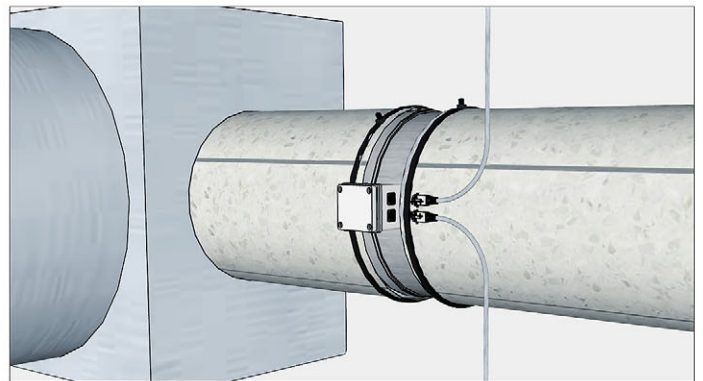
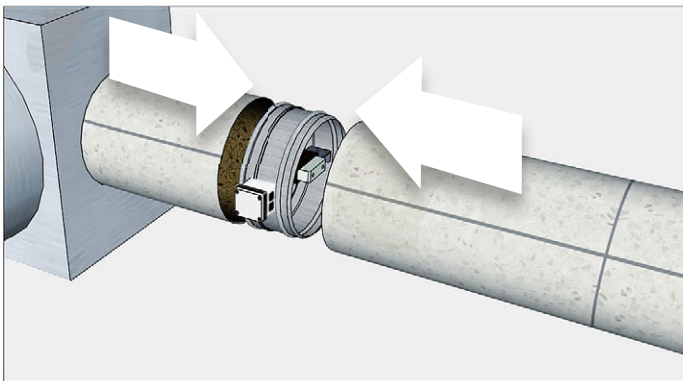
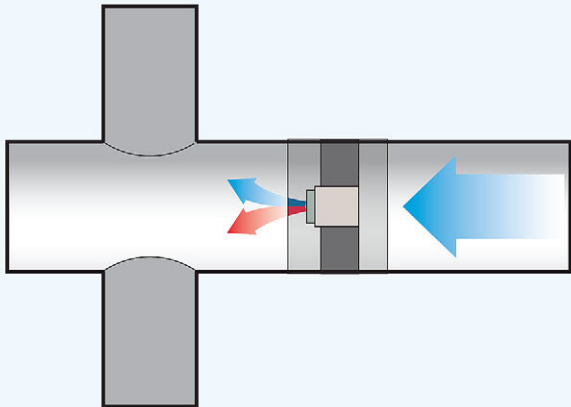
Tube Unit Specifications

Product number	IP3-2502-01x (x=tube size)
Room Size	up to 200 m ²
Recommended Air Flow	up to 6000 m ³ /h
Min Air Velocity (m/s)	Min. 0.3 m/s
No. of integrated Sterionizers D6	1 unit
Operation Environment	Temp. (-10) - (+70)°C, Hum. 20-93% non-condensing
Power Supply Adapter -CLASS 2	US Version 110 V, 1 Phase, 60 HZ EU Version 230 V, 1 Phase, 50 HZ
Tube Unit Input Voltage	12/24 V AC/DC, 200 mA, 50/60 HZ
Power Consumption	4.8 W
Control Network Connection	Modbus RS485
Outside Diameter Dimensions	200, 250, 300 mm
Recommended Ion Concentration	1000 to 30000 ions per cm ³ in conditioned spaces
Recommended distance from the air outlet in a duct system	up to 15 m

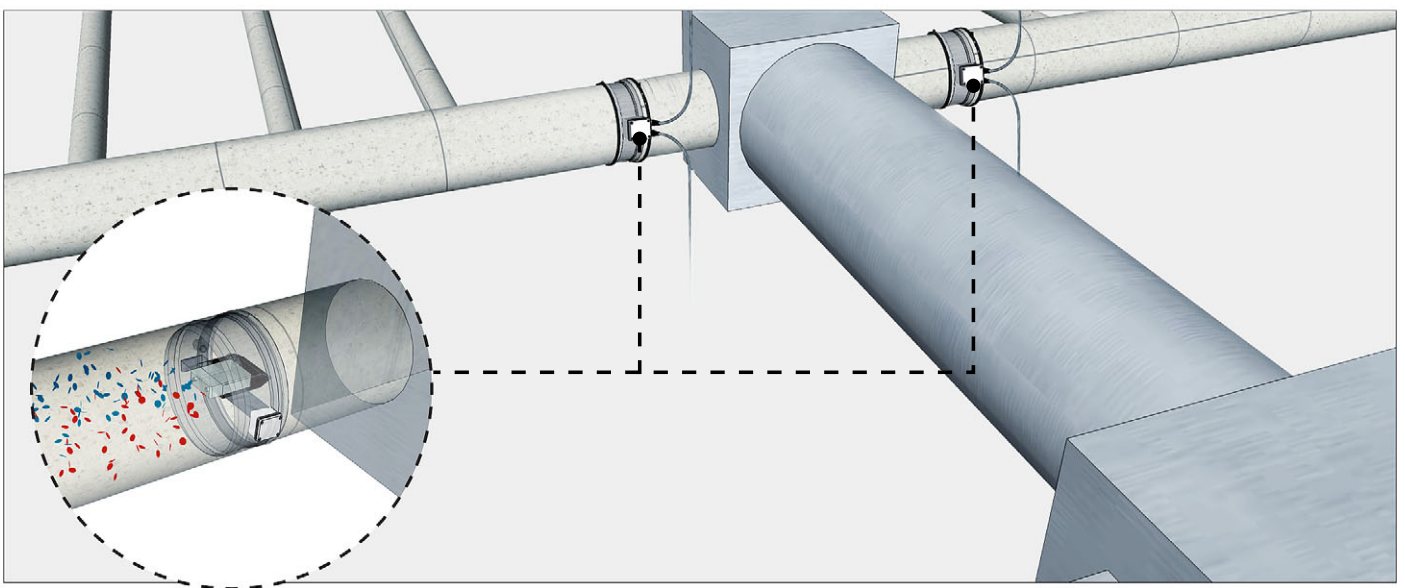


STERIONIZER™

Tube Unit Installation options



The round air duct is cut and the tube unit is placed inside. The air duct is then resealed tightly.



An example of an installation in a round air duct system. 2 x Tube units are used to supply ions in both directions

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 FIRE AND CASUALTY HAZARDS ONLY.
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