



### Overview

**BENTAX®** is a worldwide trademark of Varionix.

The genuine Bentax® Ionization Tube from Varionix is a masterpiece in terms of robustness and durability. The use of high quality materials leads to an extremely long life even under difficult environmental conditions.

The production within tight tolerances coupled with extended quality assurance, special Varionix® glass formula, and an unique production methods ensures an extremely low ozone output. The ionization tube is ideally suited for use in rooms where people live and work as well as in all industrial applications.

Due to an elaborate production technology and material selection, we manufacture a very long-lasting tube (VTU) which has an increased life-time compared to the previous version.

### Specifications

Bentax U-series tube	VTU-F	VTU-E	VTU-D
Average useful life-time <sup>1</sup>	>30'000 hours		
Cluster Ion Production (O <sub>2</sub> <sup>-</sup> ) [ ions/cm <sup>3</sup> ] <sup>2</sup>	~ 8.5 x 10 <sup>4</sup>	~ 5.7 x 10 <sup>4</sup>	~ 2.1 x 10 <sup>4</sup>
Ozone Production (O <sub>3</sub> ) [ ppm ] <sup>3</sup>	< 0.005	< 0.005	< 0.005
IP Protection Index	IP67		
Working Conditions	-31 ... +185 °F 0 ... 100 %rH 0 ... 1500 mBar		

- ① Depending on conditions
- ② Standardised measurement method (68 °F ; 70 %rH ; f<sub>osc</sub> 50 Hz, testing duct ø200 mm, air velocity 1 m/s, measuring point 200 cm from the tube.)
- ③ When the tube is used together with an original Varionix® bipolar ionization device. OSHA accepted exposure limit (8 hours) value is 0.10 ppm

### Dimensions (in)

