

# **The Panther-U**

## **Portable Ozone Generator for Professionals**

The **Panther-U** is a compact but yet a powerful ozone generator which makes use of the advanced technology of Ecozone's unique Singlet PentaRod core.

The Panther was specially designed for the professional cleaning market. It is build at high standards which imply, among others, a very long operative life time, high reliability and safety.

The Panther features **3** levels of selectable ozone outputs:  
High (7.5g/h); Medium (6.0g/h) and Low (4.5g/h). In addition it features also **6** selectable ozone-generation time-periods of: 1, 5, 10, 15, 30 and 60 minutes.

In combining different generation-rates and generation time-periods, the Panther provides 18 different and selectable ozone dosages, starting from a minimum of 75mg to a maximum of 7,500mg (a full-scale of **2** orders of magnitude). Thus, the Panther can efficiently remove odours from rooms with volumes ranging between 1m<sup>3</sup> (like of a samll car) and 200m<sup>3</sup> (like a large basement).

### **Main Specification**

Input Voltage: 115V; 60Hz.  
Maximal Power Consumption: 170W.  
Output Flow-Rate: 150 CFM.

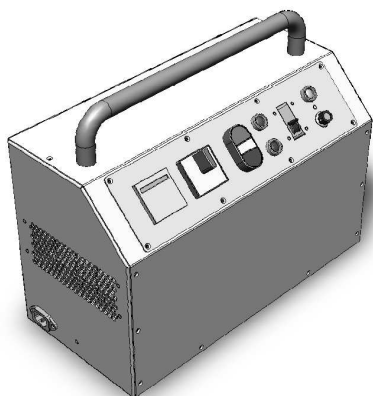
Ozone Intensity Selector for 3 different ozone output levels:  
High (3); Medium (2) and Low (1).  
Timer Selector with 6 positions: 1, 5, 10, 15, 30 and 60 minutes.  
Initial time-delay (before starting ozone generation) of **1** minute.  
Low acoustic noise level.  
Low EM noise.

### **Operation Panel Features:**

Time Counter (Hours)  
Main switch with Over-Load Current protection;  
Start / Stop operation button;  
Power-ON (Green) light indicator;  
Ozone-generation ON (Orange) light indicator;  
Fault (Red) light indicator.



## The Panther-U



### Enclosure:

Ozone-Resistant Coated Metal.

Standard Coating Color: Yellow and Black.

Machine Dimensions: 42.5 cm (L) x 20.5 cm (W) x 27.5cm (H);

Height with handle: 33cm.

Net Weight: 8kg.

Package Dimensions: 52.5 cm (L) x 31 cm (W) x 43 cm (H);

Shipping Weight: 10kg

### The Panther-U: Ozone generation rates and ozone mass transfer.

The Panther	Ozone Mass Transfer (OMT)		
Ozone Intensity →	Low (1)	Medium (2)	High (3)
	4.5g/h	6.0g/h	7.5g/h
Generation Time ↓ (minutes)	OMT (mg[O <sub>3</sub> ])	OMT (mg[O <sub>3</sub> ])	OMT (mg[O <sub>3</sub> ])
1	75	100	125
5	375	500	625
10	750	1,000	1,250
15	1,125	1,500	1,875
30	2,250	3,000	3,750
60	4,500	6,000	7,500

*Ecozone Technologies has a policy of continuous product improvement and reserves the right to modify or change this specification at any time without notice.*