



## IONISER SELECTION CHART

This chart has been provided to help you determine the ioniser that best fits your needs.  
 If you have further questions or would like a unit to evaluate, contact Vermason  
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Model	Type	# of Fans	Airflow Rate	Offset Voltage Balance	Decay Times	Alarms	Special Features
<a href="#">200005</a>	Bench Top	1	47 L / sec	±3V Auto	< 2 sec. at 30.5 cm from charged plate analyzer	Visual & Audio	Sense feedback balancing
<a href="#">50640</a>	Bench Top	1	16 L / sec	±5V Typical ±20V Maximum	< 2 sec. at 30.5 cm from charged plate analyzer	Visual & Audio	Mini compact size
<a href="#">50670</a>	Bench Top	1	47 L / sec	±3V Typical ±5V Maximum	< 2 sec. at 30.5 cm from charged plate analyzer	Visual & Audio	Sense feedback balancing
<a href="#">200261</a>	Overhead	2	80 L / sec	±10V Auto	< 2 sec. at 45.7 cm above charged plate analyzer	Visual & Audio	3 fan speeds
<a href="#">50671</a>	Overhead	2	94 L / sec	±3V Auto	< 3 sec. at 45.7 cm above charged plate analyzer	Visual & Audio	Stainless steel housing
<a href="#">200260</a>	Overhead	3	141 L / sec	±10V Auto	< 3 sec. at 45.7 cm above charged plate analyzer	Visual & Audio	3 fan speeds
<a href="#">50672</a>	Overhead	3	141 L / sec	±3V Auto	< 3 sec. at 45.7 cm above charged plate analyzer	Visual & Audio	Stainless steel housing
<a href="#">200004</a>	Point-of-Use	N/A	2 L / sec @ 2 Bar	±25V Adjustable	< 2 sec. at 15.2 cm from charged plate analyzer (30 PSI)	N/A	Ion Python Foot Switch
<a href="#">200045</a>	Point-of-Use	N/A	2 L / sec @ 2 Bar	±25V Adjustable	< 2 sec. at 15.2 cm from charged plate analyzer (30 PSI)	N/A	Ion Python Hand Gun
<a href="#">50644</a>	Point-of-Use	N/A	2 L / sec @ 2 Bar	±30V Adjustable	< 1 sec. at 15.2 cm from charged plate analyzer (30 PSI)	N/A	Modular Ergonomic Design Hand Gun

Per Table 3 EPA requirements of EN 61340-5-1 Edition 1.0 2007-08, the test method for product qualification and compliance verification of Ionization is per ANSI/ESD STM3.1 (product qualification being performed at 12 % RH and 23 degrees C; compliance verification being the basic test procedure). The Limit for Decay time is less than 20 seconds and the Limit for Offset voltage balance is less than +/- 50 volts.

NOTE: Offset voltage balance in volts, and Decay times in seconds are representative only and are not a guarantee. They are actual measurements recorded in a factory ambient environment. For compliance verification, measurements should be made at the location where ESD sensitive items are to be neutralised. A larger area may require additional ionizers. Use the Selection Chart and Decay Time figure in technical bulletins to determine the number of ionizers to achieve ionisation of area to be neutralized to meet your company's ESD control plan specific decay times.