



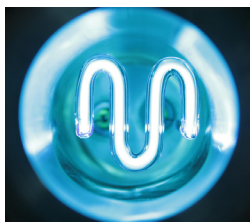
## description

The **mini Z** water vapor desorption system comprises a high power UVC emitter that fits inside a standard 1.5 I.D. vacuum chamber tube and a compact power supply which mounts directly to the 2.75" CF flange.

The **mini Z** is ideal for solving water vapor problems in compact vacuum chambers, mini ALD chambers, pressure cells and load locks.

185 nm UVC radiation provides the correct wavelength of energy to desorb water vapor molecules from the chamber walls which results in faster chamber pump down times and lower ultimate vacuum.

The **mini Z** power supply is simple to use – just turn it on when you start pumping! A remote ON/OFF option is available if you want to operate the **mini Z** by a process controller or set point.



## specifications

Power Output	350 $\mu$ W/cm <sup>2</sup> @ 6 cm from end of emitter (2.75" flange)
Emittter Lifetime	5000 hours
Flange Sizes	2.75" or 4.5" CF flange, 40, 63, or 100 ISO flange
Power Supply	12 v @ 2.5 A, 90-264 V in
Power Supply Dimensions	1.77" H x 4.27" W x 3.15" L
Radiant Bakeout Temp.	200° C

All specifications are subject to change without notice.