

## Technical Information – Single Wave Lamp models

Model numbers	HGX-W-20-S-SW-NA HGX-T-20-S-SW-NA	HGX-W-30-S-SW-NA HGX-T-30-S-SW-NA
Region	USA & Canada	
Air purifying technology	Nano-titanium dioxide photocatalytic oxidation + UV-C	
UV-C lamp tube	1 x 18w PLL composite tube	
UV-C intensity inside chamber	15000 $\mu\text{W}/\text{cm}^2$	
UV-C lamp tube life	Approx. 8000 hours	
Air residence time inside chamber	> 0.5 seconds	
Number of photocatalytic baseplates	4 pieces	
Noise level @ 1 metre	<39dB	
Air flow rate	20 - 30 $\text{m}^3/\text{hr}$	
Suggested coverage	20 $\text{m}^3$	30 $\text{m}^3$
Installation	Wall mount	
Housing material	Aluminium alloy – internal, polycarbonate front, ABS base	
Color	Front – White/Titanium, Back – Grey	
UV-C lamp tube model	Single wavelength 9W germicidal lamp	Single wavelength 13W germicidal lamp
<b>BATTERY SPECIFICATIONS</b>		
Mechline's models HGX-W/T... are powered by ER14250 battery in addition to Mains power supply		
Type	Lithium Thionyl Chloride	
Voltage	3.6V	
<b>ELECTRICAL SPECIFICATIONS</b>		
Power consumption	9-13W	
Input Voltage	120V	
Frequency	60Hz	
Input supply requirements	To be connected into suitably isolated fused spur taking power polarity into account	
Cordset	2 Core 18AWG polarity specific (L+N), 5 feet total length, UL E254458 NISPT-1	
Input protection	Microswitch actuated single pole polarity specific safety switch	
<b>DIMENSIONS &amp; WEIGHTS</b>		
Dimensions	15.7" (L) X 5.3" (W) X 4.3" (D)	
Weight	4.2 Pounds	