

ImageOne Impact HotShot IR Heater differences

Model	Watts	Coverage Area	Element Type	Horizontal or Vertical?	Switch type	Power Up Time	Stand	Bulb Life	Cost to operate
HS1000X	1000w	1X2 feet	Short Wave	Horizontal and Vertical	60 minute timer	2-3 seconds	6' stand	5,000 hours. Typically a shop will achieve 5-10 years of continual use, depending upon conditions.	Pennies per hour
HS1500	1500w	2X3 feet	Medium wave	Horizontal Only	On/off	30 seconds	6' stand		Pennies per hour
HS1650X	1650w	3X4 feet	Short-wave iridium-filtered halogen element	Horizontal and Vertical	60 minute timer	2-3 seconds	Heavy duty stand 6' stand		Pennies per hour
HS2000X	2000w	3X4 feet	High intensity medium wave	Horizontal and Vertical	60 minute timer	20-30 seconds	6' stand		Pennies per hour

Short wave systems feature halogen bulbs, which offer hotter, faster, more efficient heating capabilities.

What is the difference between short wave, medium wave and high intensity infrared energy?

Short wave infrared, also known as “Iridium”, is the hottest and fastest heating option available. This option features the most advanced heating technology virtually all short wave emitters will operate at approximately 3,500 degrees Kelvin. Short wave heating units are “instant on” and feature a higher watt density per inch of emitter length.

Medium wave units, or tubular quartz elements, are generally considered a lower cost solution. With this technology, the heating element operates at approximately 1,600 degrees Fahrenheit, and will produce a dull orange glow. Finishing times may be between one to five minutes longer than short wave heaters, depending upon the size of the area and the material being applied.

High intensity infrared is a term to describe medium wave units that offer higher watt densities relative to the area covered. High intensity units will generally offer faster drying times and can reach higher temperatures than standard medium wave units.