

KIMTRON™
STERILIZATION DIVISION

Kimtron™ HiRad **ULTRA** Photon Purification™ Unit

▶ HiRad **ULTRA** Features:

- * Fully self-contained Ultra-Seal™ cabinet provides 5x greater protection than required by the US FDA)
 - * Kimtron™ Polaris® high voltage power supplies
 - * Kimtron™ SC-500/HR X-Ray controller
 - * Kimtron™ 12000-WA closed loop tube-cooler™
 - * Kimtron™ Auxiliary tube-safe™ sensor
 - * Supported by Kimtron's world-class service team
 - * Magnetic door interlock for added operator safety
 - * 20 KW of Photon Emitting Power
 - All wiring, cabling, connectors & hoses CFR compliant
 - Aerospace-grade safety features and interlocks
 - Emitter warranty: 12 months, prorated
 - All other equipment warranty: 24-month 100%
 - Country of origin: All products manufactured in USA
- * Denotes Kimtron™ exclusive feature

▶ System Specifications:

Cooling Media:

Water to Air-Closed Loop
(<72 degrees F, ambient)

Electrical:

Voltage: 208 VAC ±10%, 3- phase with ground

Current: 100-125 amps (max.)

Environmental Specifications:

Operating temperature: +5°C to +32.5°C

Storage temperature: 0°C to +40°C

Air humidity: 20 – 80%

Noise Level: < 72 db @ 1 Meter

Physical Moving Dimensions (Cabinet Only):

Height (with casters/wheels): 74" = 187.96cm

Width: 60" = 152.4cm

Depth: 34" = 86.36cm

Weight: 5000 lbs. = 2,267.96kg

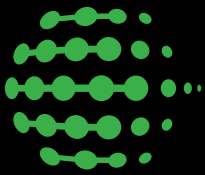


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Rev. 1 2/17/25

Kimtron™ HiRad Cannabis Decontamination Systems

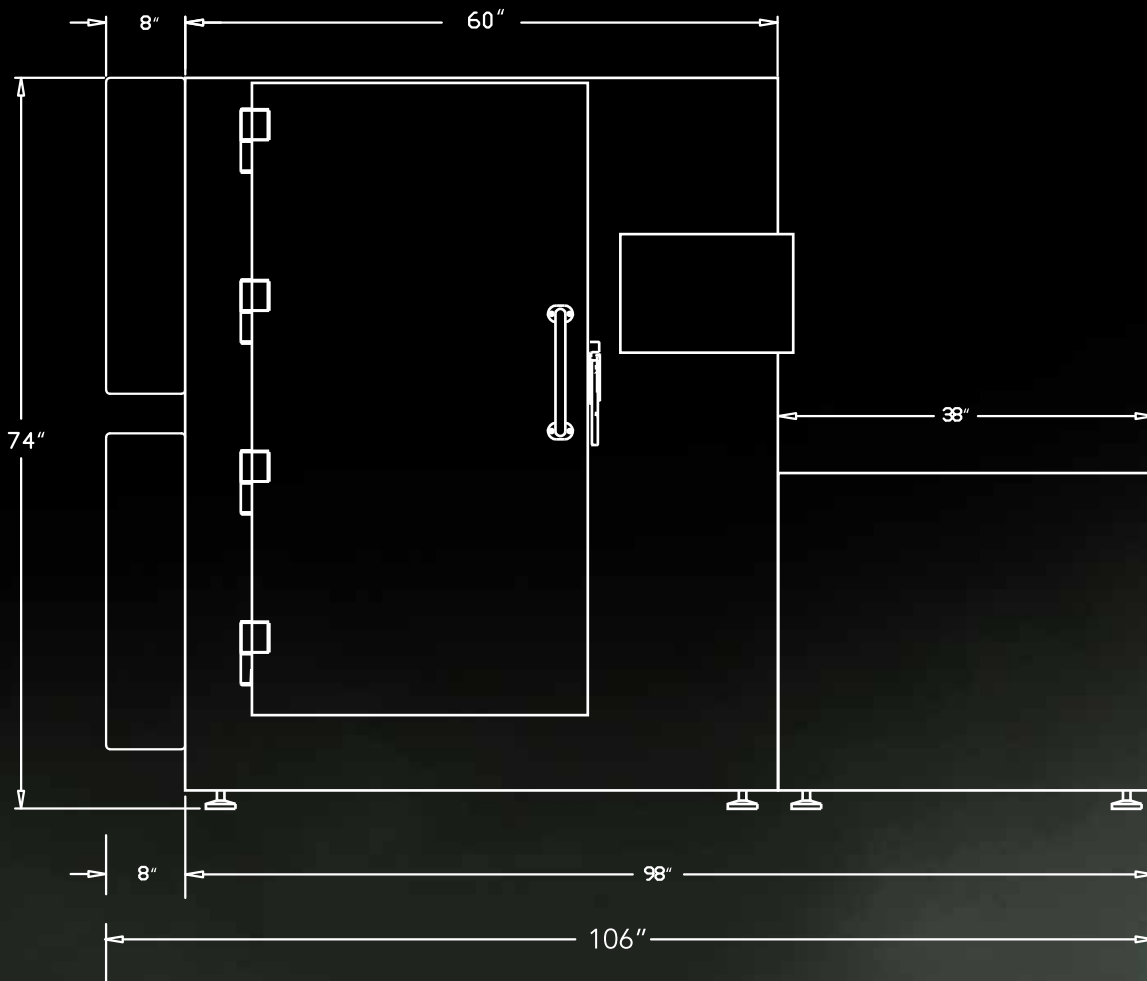
KIMTRON.COM 203-262-3361 115 Hurley Road, Bldg. #6 Oxford, CT 06478



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HiRad Ultra

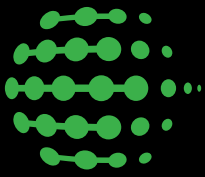
▶ **System Frontal View:**



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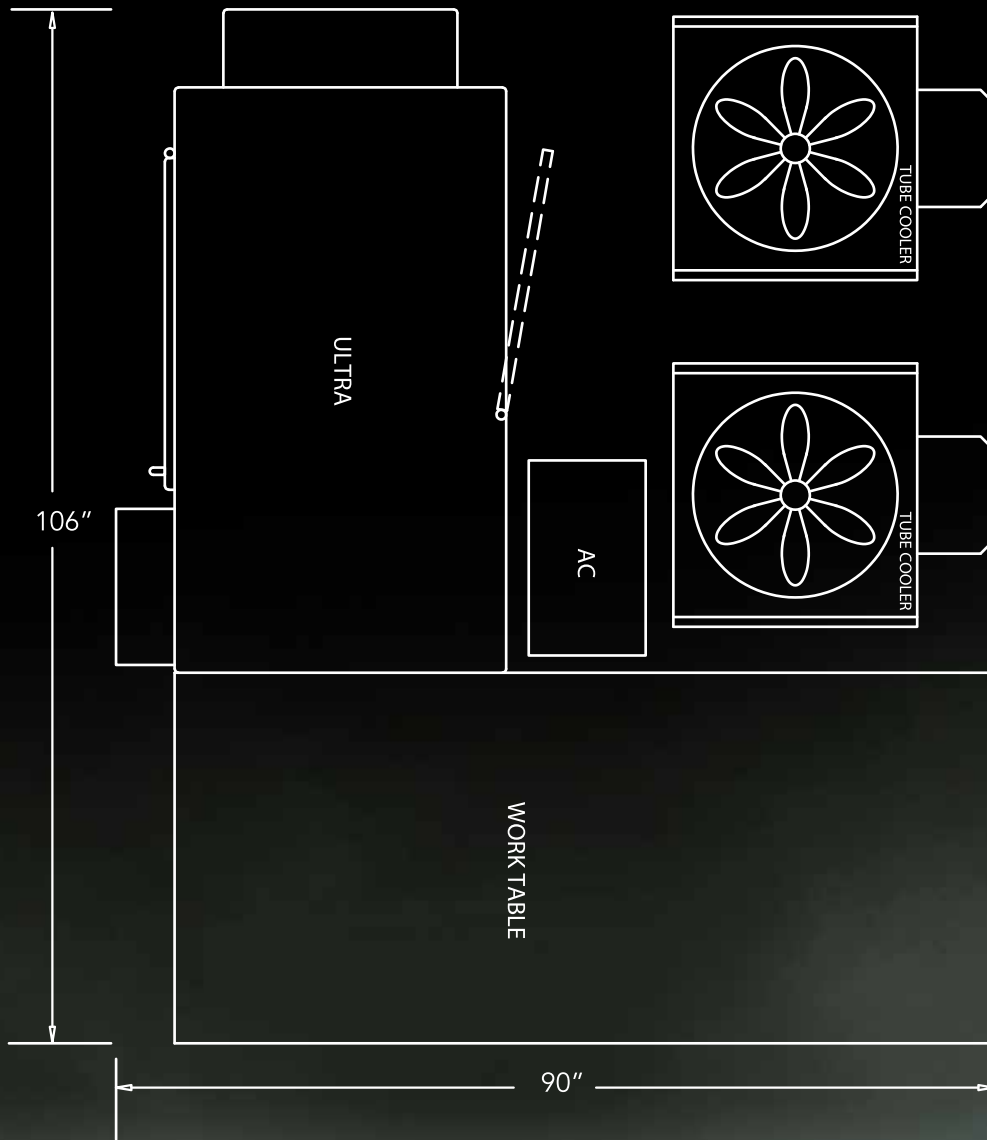
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HiRad Ultra



System Top View:

Spatial Parameters including all components



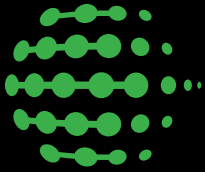
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▶ HiRad Ultra Throughput:

The HiRad ULTRA can process 50-55 pounds (22.68 – 24.95 kilograms) of flower in about 7 to 9 hours (8 hrs. typical).

▶ Additional Features:

- NO Radioactive materials used - system is 100% recyclable
- Based on Kimtron's world-class robust, Industrial-grade components
- 30+ year track record of excellence
- 100% duty-cycle capability
- Even distribution of energy through entire container of biomass
- 20kW of Power
- Supported by Kimtron's cradle-to-grave service policy
- Fully self-contained cooling system
- 100% Made in the USA
- Shielding capacity far exceeds FDA requirements
- Industrial grade HV interlock for operator safety
- Magnetic door lock for added operator safety
- "X-rays On" lighted signage
- Full compliance with 21 CFR 1020.40



HiRad Ultra

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