

ENERGY HARNESS CORPORATION
AEROSOL EFFICACY TEST REPORT

ACTIVE AIRFLOW UV-C

In Conjunction with Intertek Labs

TEST PARAMETERS

- 10' x 10' x 10' (1,000 Cubic ft.) test chamber
- Air samples taken every 15 minutes for 2 hours

STRUCTURE



ORGANISMS

Organism Name	Organism Type	ATCC Number	Source
Phi X174 bacteriophage	small, non-enveloped virus	13706-B1	Carolina Bioscience
Escherichia coli	Bacteria	11229	ATCC

RESULTS

Organism Type	Virus Replicate 1	Virus Replicate 2	Virus Replicate 3
Temperature Min/Max	18°C (64°F)	18°C (64°F)	18°C (64°F)
Humidity Min/Max	18%RH	20%RH	20%RH
Organism Name	<i>Phi-X174</i>	<i>Phi-X174</i>	<i>Phi-X174</i>
Percent Reduction	99.0%	99.2%	98.9%

Organism Type	Bacteria Replicate 1	Bacteria Replicate 2	Bacteria Replicate 3
Temperature Min/Max	18°C (64°F)	17°C (62°F)	18°C (64°F)
Humidity Min/Max	20%RH	21%RH	20%RH
Organism Name	<i>E. coli</i>	<i>E. coli</i>	<i>E. coli</i>
Percent Reduction	99.9%	99.9%	99.9%