

FOR IMMEDIATE RELEASE

PYURE空氣淨化器迅速摧毀了空氣和物體表面上的 COVID-19病毒

淨化器在20分鐘內殺死了99%的機載SARS-CoV-2，並且在80分鐘後在空氣中檢測不到病毒；淨化器在1小時內殺死了表面上99%的SARS-CoV-2，並且在3小時後在表面上檢測不到病毒

(佛羅里達州伯恩頓海灘) 2020年12月1日-PYURE公司宣布，由一家經過認證的，具有生物安全性的3級實驗室進行的一項最新完成的研究表明，便攜式商用空氣淨化器可迅速並極大地破壞SARS冠狀病毒 (SARS-CoV-2)，這種病毒在空氣中和在表面上都會引起COVID-19。

PYURE空氣淨化器可在20分鐘內將機載SARS-CoV-2減少99%，並在80分鐘內將空氣中的病毒進一步降至檢測極限以下。一小時內達到99%，並在三小時內將物體表面病毒進一步減少到檢測極限以下。

PYURE首席科學家Connie Araps博士說："這些令人印象深刻的結果為我們提供了一系列科學證據，證明PYURE技術可快速安全地殺死空氣中和物體表面上的各種病毒、細菌和黴菌。我們很高興能確認PYURE技術可迅速殺死空中和物體表面存在的SARS-CoV-2，並有助於防止COVID-19的擴散。"

PYURE的創新專利技術通過在室內產生並擴散羥基和有機氧化劑，複製了陽光殺菌室外環境的方式。PYURE技術生產的這些天然消毒劑的濃度與通常在室外晴天時的濃度相同，因此可以在室內連續安全地操作。與傳統的空氣淨化器不同，PYURE的消毒效果不僅限於通過設備吸入的空氣。PYURE將有機氧化劑散佈在整個空間中，對所有空氣和物體表面進行主動殺菌，這使PYURE設備能夠快速安全地殺死病毒、細菌和黴菌，分解揮發性有機化合物併中和氣味，而不會傷害人類、動植物或材料。

全球大流行使許多人處於危險之中。PYURE技術與人身安全措施相結合，可以迅速殺死COVID-19病毒並降低傳播風險來幫助和保護患者、醫護人員、老年人、學生、員工和顧客。PYURE首席執行官Jean-Francois Huc表示："我們的產品將幫助用戶應對當前的公共衛生危機，並更好地保護其免受未來病原體的侵害。"



這些試驗是由位於加利福尼亞的經CLIA和CAP *認證的創新生物分析實驗室設計和進行。該研究在一個大型測試室內進行，並考慮了預防措施，旨在模擬現實生活環境在生物安全性3級收容區工作時需要。試驗以高起始濃度的SARS-CoV-2病毒進行霧化和表面接種，並一式三份進行，每個採樣時間點均進行了對照。PYURE為實驗室提供了MDU / Rx™獨立式便攜式裝置，其高度為25英寸，重39磅。MDU / Rx™已在FDA註冊為II類醫療設備。所有PYURE空氣淨化產品和解決方案均採用相同的羥基和有機氧化劑生成技術。

關於PYURE公司

PYURE公司（以前稱為HGI Industries）設計、製造和銷售可對空氣和物體表面進行消毒的商用空氣淨化器。PYURE的創新專利技術通過在室內安全地產生和擴散羥基和有機氧化劑，複製了陽光消毒室外環境的方式。PYURE銷售能夠殺死病原體並改善空氣質量的產品-從處理數百平方英尺的便攜式設備到具有傳感器驅動的集成控制的HVAC集成解決方案，可處理數十萬平方英尺。PYURE產品可以直接購買，也可以通過授權分銷商購買。PYURE是一家美國製造商，成立於2007年，總部位於佛羅里達州的博因頓海灘。

更多信息，請訪問：

台灣官網www.thtair.net

美國官網www.pyureco.com

* CLIA是1988年臨床實驗室改進修正案的首字母縮寫。CAP是美國病理學家學院的首字母縮寫。



FOR IMMEDIATE RELEASE

PYURE AIR PURIFIER RAPIDLY DESTROYS COVID-19 VIRUS IN AIR AND ON SURFACES

Purifier Kills 99% of Airborne SARS-CoV-2 in 20 Minutes and Virus is No Longer Detected in Air After 80 Minutes; Purifier Kills 99% of SARS-CoV-2 on Surfaces in 1 Hour and Virus is No Longer Detected on Surfaces After 3 Hours

(BOYNTON BEACH, Fla.) December 1, 2020 – The PYURE Company announced that a recently completed study conducted by a certified, biosafety level 3 laboratory demonstrated that a portable commercial air purifier rapidly and dramatically destroys SARS Coronavirus 2 (SARS-CoV-2), the virus that causes COVID-19, both in the air and on surfaces.

The PYURE air purifier reduced airborne SARS-CoV-2 by 99% in 20 minutes and further reduced the virus in air to below the limit of detection in 80 minutes. The PYURE air purifier reduced surface-bound SARS-CoV-2 by 99% in one hour and further reduced the virus on surfaces to below the limit of detection in three hours.

“These impressive results add to our body of scientific evidence that PYURE technology rapidly and safely kills a wide range of viruses, bacteria and mold in air and on surfaces,” said PYURE Chief Scientist Dr. Connie Araps. “We are thrilled to confirm that PYURE technology rapidly kills airborne and surface-bound SARS-CoV-2 and can help protect against the spread of COVID-19.”

PYURE’s innovative, patented technology replicates the way sunlight sanitizes the outdoor environment by generating and diffusing hydroxyls and organic oxidants indoors. PYURE technology produces these natural sanitizing agents in the same concentrations typically found outdoors on a sunny day, so it can be safely operated continuously indoors. Unlike conventional air purifiers, PYURE’s sanitizing effect is not limited to the air that is pulled through the device. PYURE disperses organic oxidants throughout a space, dynamically sanitizing all air and surfaces. This enables PYURE devices to rapidly and safely kill viruses, bacteria and mold, decompose volatile organic compounds and neutralize odors, without harming occupants or materials.

“The global pandemic puts many people at risk. PYURE technology, when combined with personal safety measures, can help protect patients, healthcare workers, seniors, students, employees and patrons by rapidly killing the COVID-19 virus and reducing the risk of transmission. Our products will help end users navigate the current public health crisis and be better protected from future pathogens,” said PYURE Chief Executive Officer Jean-Francois Huc.

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The trials were designed and conducted by Innovative Bioanalysis, a CLIA and CAP* certified laboratory located in Costa Mesa, Calif. The study was carried out in a large test chamber and was designed to simulate a real-life environment, taking into consideration the precautions needed when working in a Biosafety Level 3 containment area. The trials were conducted with a high starting concentration of SARS-CoV-2 virus for aerosolization and surface inoculation and were run in triplicate, with controls at every sampling time point. PYURE supplied the laboratory with an MDU/Rx™ freestanding portable unit, which is 25 inches in height and weighs 39 pounds. The MDU/Rx™ is registered with the FDA as a class II medical device. All PYURE air purification products and solutions are powered by the same hydroxyl and organic oxidant generating technology.

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About The PYURE Company

The PYURE Company, formerly known as HGI Industries, designs, manufactures and markets commercial air purifiers that sanitize air and surfaces. PYURE's innovative, patented technology replicates the way sunlight sanitizes the outdoor environment by safely generating and diffusing hydroxyls and organic oxidants indoors. PYURE markets products that destroy pathogens and improve air quality – from portable devices treating hundreds of square feet to HVAC-integrated solutions with sensor driven, integrated process controls treating hundreds of thousands of square feet. PYURE products can be purchased directly or through authorized distributors. An American manufacturer, PYURE was founded in 2007 and is based in Boynton Beach, Fla. For more information, visit www.pyureco.com.

Media Contacts:

Gabriela Carrero, Edelman, 305-326-2055, Gabriela.Carrero@Edelman.com

Erin Mulholland, Edelman, 484-753-4384, Erin.Mulholland@Edelman.com

* CLIA is an acronym for the Clinical Laboratory Improvement Amendments of 1988. CAP is an acronym for the College of American Pathologists.