



**USAID**  
FROM THE AMERICAN PEOPLE



## SOUTH AFRICA VENTILATOR DONATION

The United States, through the generosity of the American people and the innovation of American private industry, is providing ventilators and medical supplies to countries that need them to fight COVID-19. To support the South African government in its COVID-19 response efforts, the United States Agency for International Development (USAID) procured ventilators for distribution and use within health facilities across South Africa. Ventilators are highly specialized medical equipment used in intensive care units. These are used to support individuals in critical care whose lungs are not able to adequately take in oxygen. In such individuals, ventilators may be life-saving. As a subset of individuals with COVID-19 become critically ill, intensive care support such as the use of ventilators are an essential part of these patients' treatment to assist them in breathing as they recover.

The donated ventilators, produced in the United States, reflect state-of-the-art and in-demand technology. They are compact, deployable, and support both invasive and non-invasive applications. These will give South Africa flexibility in treating those patients affected by the virus.

The first shipment of 50 of the up to 1000 ventilators arrived in South Africa on May 11, 2020.

## THE FIRST 50 TECHNICAL SPECIFICATIONS

The first 50 of these LTV 2200 vents are produced by the American company, Vyair. According to Vyair, the LTV is specifically designed for the dynamic environment of portable ventilation, whether in-home care, intra-hospital transport or emergency care settings. The lightweight, slim profile design with hot-swappable batteries provides the necessary tools to meet the demands of patients on the move that weigh at least 5 kg.

- Easy transition and operation allows patients to transfer from the hospital to home
- Turbine technology eliminates the need for a high-pressure air source
- Oxygen resource management tool reduces oxygen consumption
- Enhanced patient comfort and care with flow trigger and internal PEEP compensation
- Optimizable trial settings
- Versatility with highly customizable settings to support patient success
- Single solution for any patient weighing 5 kg or more
- Quick patient ventilation
- Supports invasive and non-invasive applications
- Portable Impact resistant construction
- Easy to read displays
- Comprehensive monitoring
- Compact, deployable design supports invasive and non-invasive applications<sup>1</sup>

## UNITED STATES GOVERNMENT ASSISTANCE

The ventilator donation is in addition to our previously announced support to South Africa for COVID-19. The total United States government commitment to South Africa's COVID-19 response is over US\$41 million. The U.S. Centers for Disease Control and Prevention (CDC) has committed US\$13.2 million in funding, along with US\$8.4 million in assistance through the U.S. Agency for International Development (USAID) and the cost of ventilators and accompanying equipment estimated at over US\$20 million. Additionally, through the U.S. President's Emergency Plan for AIDS Relief (PEPFAR), the United States is supporting up to 5400 community healthcare workers to assist with the South African government's community COVID-19 screening campaign and provide HIV treatment support on the front lines.

Through PEPFAR, the U.S. government has been a strong ally with the South African government in global health. Since 2004, the United States government has invested more than US\$6 billion in HIV programs in South Africa. For our planning year 2020, the U.S. government plans to invest US\$528 million.

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<sup>1</sup> Vyair Website: <https://www.vyair.com/products/lvtm-series-ventilators>