CASE STUDY

COPELAND CONDENSING UNITS

Copeland works with key contractors to boost vaccine push

A municipal COVID-19 care center based in Thane Maharashtra, India, had a cold room requirement for vaccine storage.

The facility would serve as storage and a vaccination venue for the nearby areas. The administrators announced the need for the immediate construction of cold rooms for vaccine storage.

Challenge

The storage conditions needed for vaccines required a reliable and energy-efficient refrigeration system to ensure no vaccines would be wasted from downtime. The tight construction schedule also required that the refrigeration units needed to be delivered within a week.

Solution

The contractor partnered with Copeland to supply a robust and dependable refrigeration solution. Different vaccines needed different storage requirements, so separate rooms were suggested to answer the varied needs:

- The first is the chiller rooms: temperatures of 2 to 8°C, with one Copeland™ medium-temperature condensing unit and one more unit for redundancy.
- The second is the freezer rooms: temperatures of -20 to -22°C, with one Copeland low-temperature vapor-injection condensing unit and one more unit for redundancy.

Result

Copeland was the only vendor that met the equipment specifications for the chiller and freezer rooms and target delivery dates, making its partnership with the contractor especially timely. Due to the urgency of the situation, the Copeland team worked closely with all stakeholders and ensured the refrigeration units were in place on the committed dates. The Copeland team was present on-site for installation and commissioning, showing full commitment to the cause.

Installation of the chiller and freezer rooms was completed in February 2021. With the success of this project, future installations of similar vaccine storage cold rooms were carried out with Copeland condensing units.

With its global talent, superior technology and comprehensive solutions, Copeland is in a unique position to help combat the ongoing epidemic. Their strategic partnerships with system integrator partners in India can be assured of a safer and more efficient COVID-19 vaccine rollout.

To learn more, visit **copeland.com**

COPELAND
Engineered for Sustainability