

Removable Oven Enclosure

The Challenge:

Our customer had a requirement to build an enclosure around an extremely complex vacuum chamber so it could be heated to 200°C and baked out for a continuous two (2) week period. The enclosure was necessary to help regulate a constant temperature within the chamber prior to manufacturing. The challenge was to build the enclosure so that it could be easily installed and removed as it could not be in place during the manufacturing cycle.

The Worbo Solution:

Utilizing a unique triple layer protection system, Worbo developed and fabricated a custom fit removable enclosure to fit precisely around the complex heaters and controllers within the oven chamber. The result was that the customer was able to accurately regulate the process temperature leading to significantly enhanced product quality. The

company also experienced the added benefit of reduced manufacturing cycle times as the insulation components were easy to remove and reinstall.

