

THERMEQ

SEALED PLENUMS



Left - Stainless steel down draft plenum with the recirculating fan and plenum plates removed.

Right - Continuous welded, sealed, downdraft plenum installed into an insulated module casing.



Left - A plenum, which incorporates a THERMEQ designed direct fired package burner.

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Feature / Benefits

- **Continuous Welding** - Continuous welding ensures the integrity of the system and prevents insulation contamination into the work chamber. The sealed plenum also prevents hot gas recirculation within the insulation, thus allowing lower casing temperatures.
- **Robust Design** - The robust design of the plenum system provides a long life with very low maintenance and helps prevent sagging of the system.
- **Materials of Construction** - The plenum system can be fabricated of many different materials providing flexibility in the design.
- **Wind Flow Direction** - The sealed plenum system can be designed for updraft, downdraft, and sidedraft, or a combination to provide the best system for the process.
- **Shop Testing** - Each plenum system is designed to provide uniform air flow and is shop tested to ensure the desired results are achieved.



THERMEQ GROUP is an engineering and fabrication organization that serves industry by offering our customers technology, equipment, and service. **THERMEQ GROUP** has a capable staff of engineers and craftsmen that have both technical knowledge and practical field experience. **THERMEQ GROUP** provides our customers with high quality equipment, fast delivery, and trained technicians.



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