

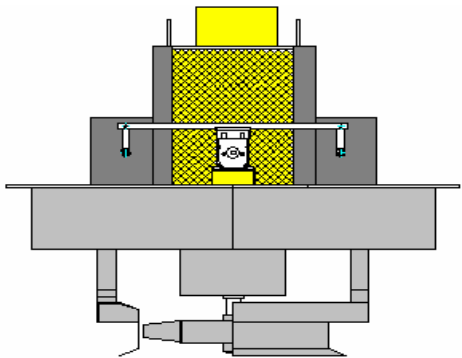
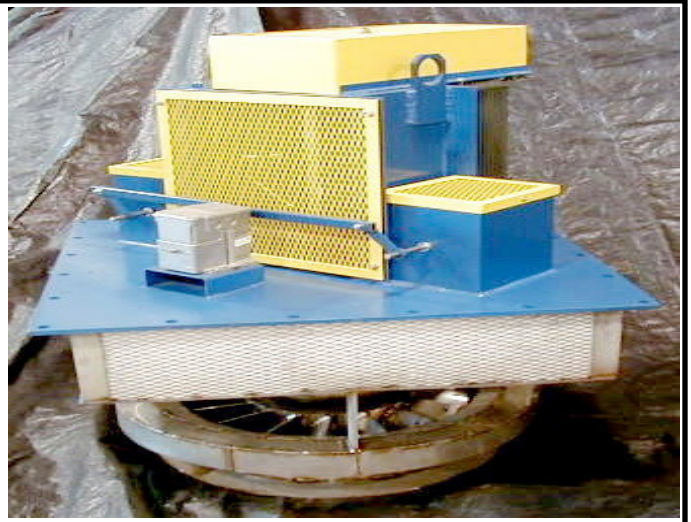
THERMEQ

RECIRCULATION FAN PLUG UNITS



Left - An annealing lehr showing several of our fans in service

Right - Standard down draft recirculation fan plug unit.



Feature Benefits:

- * Vibration Dampening In-Board Bearing Mount
- * Remote Lubrication Points
- * Rugged Guarding
- * Stainless Steel Insulated Bung, Shaft, and Impeller
- * Axial and Radial Flow Designs
- * Grease Shield
- * Hinged Motor Mount
- * In-House Two Plane Balanced at Operating Speed
- * Flow Discharge Tested

Options:

- * Modulated Cooling Inlets
- * Design Specific Sizing

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RECIRCULATION FAN PLUG UNITS

Feature / Benefits

- **Vibration Dampening In-Board Bearing Mount** - Implements a high temperature rubber bushing for housing the in-board bearing. The design which increases bearing life.
- **Remote Lubrication Points** - THERMEQ has installed a lubrication system that allows an operator to lubricate the machine without removing guards. This design reduces time and money it takes to perform a lubrication schedule.
- **Rugged Guarding** - THERMEQ uses heavy duty guards on the fan unit. All guards can support the weight of an average worker, though this is not recommended.
- **Stainless Steel Components** - All air stream surfaces are fabricated using 304 stainless steel or better material. All bungs and impellers are continuously welded to ensure integrity.
- **Axial and Radial Flow Capable** - Fans can be designed for axial flow in the upward or downward direction. Radial flow impellers are also available.
- **Grease Shield** - THERMEQ's fan design includes a shield to prevent grease from entering the work chamber.
- **Hinged Motor Mount** - THERMEQ has designed a motor mounting for its fans that allows for quick changing and tensioning of belts while maintaining pulley alignment. Belt tensioning does not require guard removal.
- **In-House Balanced** - Two plane dynamically balances all fans at operating speed prior to shipment ensuring a smooth start-up. THERMEQ has the capability to balance other equipment, either in the field or in our factory.
- **Flow Discharge Tested** - Produce various discharge patterns and flow rates. The designs have been tested and proven through research and production performance.
- **Speed Switch** - THERMEQ fans include a proximity switch and target to verify fan rotation.

Options

- **Modulated Cooling Inlets** - Standard fans can be equipped with cooling inlets. These cooling inlets can be automatically or manually controlled. This design is an inexpensive way to change a zone from a strictly heating zone to either a heat/cool or cooling zone.
- **Design Specific Sizing** - THERMEQ has a selection of fans to fit our customer's needs. If a standard fan does not have the specifications required, THERMEQ is capable of designing a fan to fit our customer's applications.



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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