

Designed, engineered and manufactured with 30 years of experience in combustion technology by Therm Tec.



- **Therm Tec, is also the leading manufacturer of Animal Cremation units**
- **Fifteen models, specifically designed for private, semi-private and bulk load**



Therm Tec Crematories are a modular Crematory that is a total package system. The units are complete with all components and electrical systems and are pre-tested at the factory before shipment.

The Crematory design is the latest "state-of-the-art" construction using composite ceramic lining in the upper section and ceiling of the unit for low heat transfer and storage, with rapid heat up and cool down. The composite ceramics are developed by NASA for thermal protection on space vehicles. The floor and side walls (to 18" high) are constructed with heavy duty 3,000 degree F. refractory, monolithically cast for abrasion resistance during loading and clean out.

Therm Tec crematories are the only units utilizing a redundant afterburner system to assure "AIR QUALITY" discharge standards are met due to a possible secondary burner failure during a burn cycle.

The Crematory construction is NOT the OLD STYLE "Retort" type Crematory that is often costly to repair (hearth replacements), but rather a much improved design which meets the performance and technology levels that are required by today's operators.

Loading height is 20" and is compatible with a "church bench". No additional elevating (loading) equipment is required. The main body of the crematory has 5" air cooled surround for heat protection (on 300 and 300M series). The burner in the main chamber is positioned for direct contact with the body and assures complete combustion. The crematory is furnished with three 6 ft. refractory lined stack sections as standard (All Models).

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- **Aerospace lining in upper section of the main chamber for maximum heating efficiency (Rapid Heating and Cool Down Feature)**
- **Heavy duty refractory floor with overlay of pre-fired replaceable tile**
- **Hearth sloped to back of unit for liquid control**
- **Chamber burner positioned for direct contact with the body to assure complete cremation**
- **Load height of 20". Designed to be used with "Church Bench". No need for elevating table**
- **Constructed with 5" air cooling jacket on all sides of crematory chamber**
- **Dual burners in secondary air chamber for additional air pollution control**