HOW IT WORKS
Accelerates the curing process using heat radiated from fin-tube pipes heated by a closed-loop hot water system.

OUR GUARANTEE
- accelerated concrete curing through radiant heat
- eliminates condensation and corrosion issues
- available with diesel, natural or propane gas burner and also utilizing a hot water or steam heat exchanger
- effective, efficient and simple to operate and maintain

YOUR BENEFIT
- pre-warming of steel forms/moulds/tables/beds
- consistently high early strength: demoulding strength in 10 to 12 hours for precast concrete and in 16 to 22 hours for prestress elements
- water temperatures between 70°C and 110°C
- concrete temperature between 50°C and 70°C
- eliminates standing water on the production floor
- condensate blemish-free architectural surface

SATISFACTION GUARANTEED!
THE CONCRETE CURING SPECIALIST.

THERMALCURE®
ACCELERATED PRECAST CONCRETE CURING SYSTEM

CONCRETE SHOULDN’T DRY
IT SHOULD HARDEN!
A hot water, closed-loop piping system provides the radiant heat element under the form.

High performance circulation pump available in bronze and stainless steel circulate the hot water from the water heater to the concrete form/mould/table/bed and back.

The heat distribution system is designed with electrically actuated valves so that each table/form/mould or bed may be heated independently from the others. Manual valves before and after the automatic valve allow for simple and quick maintenance without draining the entire system.

ThermalCure® offers a 93% efficient water heating unit available as a palletized or containerized package.

ThermalCure® is available as a containerized unit, protecting the complete heating unit and control systems from the elements. Containerization includes insulated surfaces, heating and ventilation, lighting and fire fighting equipment. The system is pre-plumbed, pre-wired, includes the exhaust flue and is ready for immediate installation.

High efficiency fin pipe provides a higher surface area and heat transfer area than ordinary smooth pipe or more widely spaced fin pipe designs; making this a more energy efficient system.

The system achieves a maximum concrete temperature of 50°C to 70°C with water temperatures of 80°C to 110°C.

Automatic controls provide for unsupervised production and consistent results without over-heating the concrete.