





CONCRETE SHOULDN'T DRY IT SHOULD HARDEN!








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 CURING VIA RADIANT HEAT



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



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.



A hot water, closed-loop piping system provides the radiant heat element under the form.



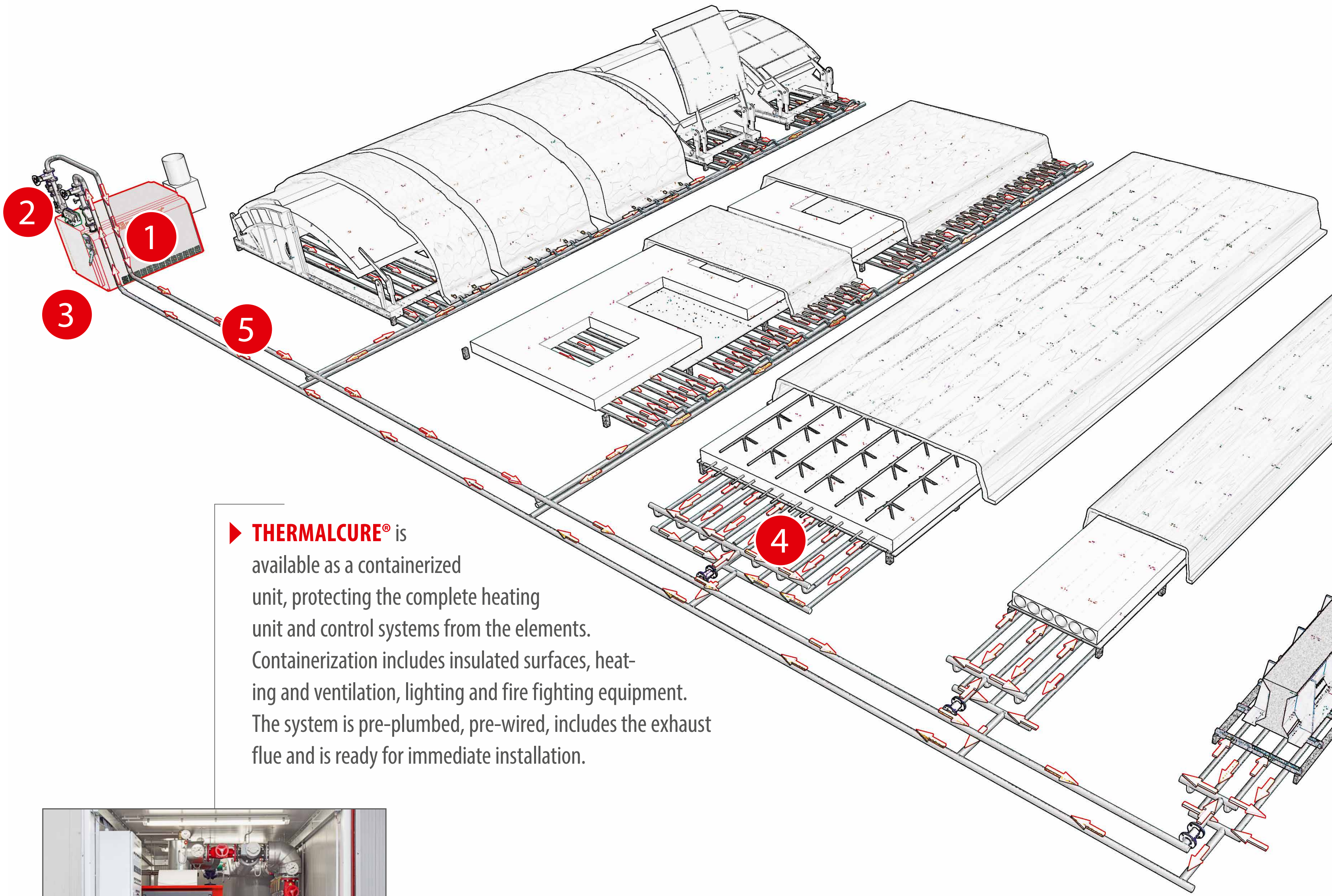
High efficiency fin-pipe provides a higher surface area and heat transfer area than ordinary smooth pipe or more widely spaced fin-pipe designs; making this a more energy efficient system.



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.



► **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.



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