CONCRETE SHOULDN’T DRY IT SHOULDN’T HARDEN!

HOW IT WORKS
Optimizes the cement hydration process by circulating the heat of hydration and moisture from the fresh concrete for a consistent curing environment.

OUR GUARANTEE
- consistent curing temperature equal to +/- 1 °C
- and relative humidity equal to +/- 3 %
- with an air velocity ≤ 1 m/s
- maximum curing humidity controllable based on curing temperature

YOUR BENEFIT
- reduced hardening duration, less breakage
- consistent colors, a substantially reduced risk of efflorescence
- no condensation on chamber surfaces
- 5 % cement reduction and a 1 to 2 year ROI

SATISFACTION GUARANTEED!

THE PERFECT CURING CLIMATE AND ECONOMY IN A SINGLE ATMOSPHERE CHAMBER
The rack is enclosed with insulated sandwich panels in order to reduce heat loss. Drawings and bills of materials supplied by KRAFT allow our clients a foolproof do-it-yourself solution for chamber insulation.

The NAUTILUS™ system prevents fog and condensation on chamber surfaces even at 35 °C (100 °F) and 90% relative humidity. This prevents distortion of safety beams or control lasers and corrosion of the steelwork.

Our NAUTILUS™ radial ventilators are customer designed and manufactured for the concrete industry. Our stainless steel and aluminum construction and self-lubricating stainless steel bearing housing provide a durable solution in a harsh atmosphere.

Our custom-designed air distribution duct system with hundreds of air supply outlets and air return inlets guarantees a consistent curing climate throughout the curing chamber while maintaining low air velocity.

There are a wide variety of curing control alternatives available with our AutoCure® Automatic Curing Control System. It allows for temperature and humidity sensing, indication, controlling and, if required, recording.

Curing temperature and relative humidity are measured via sensors distributed throughout the chamber.

Our custom-designed exhaust system with electrically actuated damper (in order to prevent heat loss when not in operation) operates in order to reduce humidity.