

# MODEL TO-355

## Accelerated Curing Tank



### ORDERING INFORMATION

- **TO-355-1-ACB-02** Accelerated Curing Tank for six molds of 150mm size ambient to 100°C, 415V, 60Hz, 3ph
- **TO-355-1-ACB-03** Accelerated Curing Tank for six molds of 150mm size ambient to 100°C, 415V, 50Hz, 3ph
- **TO-355-1-ACW-02** Accelerated Curing Tank for six molds of 150mm size ambient to 55°C, 415V, 60Hz, 3ph
- **TO-355-1-ACW-03** Accelerated Curing Tank for six molds of 150mm size ambient to 55°C, 415V, 50Hz, 3ph
- **TO-355-2-ACB-02** Accelerated Curing Tank for 12 molds of 150mm size ambient to 100°C, 415V, 60Hz, 3ph
- **TO-355-2-ACB-03** Accelerated Curing Tank for 12 molds of 150mm size ambient to 100°C, 415V, 50Hz, 3ph
- **TO-355-2-ACW-02** Accelerated Curing Tank for 12 molds of 150mm size ambient to 55°C, 415V, 60Hz, 3ph
- **TO-355-2-ACW-03** Accelerated Curing Tank for 12 molds of 150mm size ambient to 55°C, 415V, 50Hz, 3ph

Curing is the process of maintaining satisfactory moisture content and temperature in freshly cast concrete for a definite period of time immediately following placement. This serves two major purposes: it prevents or replenishes the loss of moisture from the concrete and maintains a favorable temperature for hydration to occur for a definite period.

The fully insulated water tank holds standard cast cubes that are placed on two removable racks with sufficient free circulation of water around each cube. The pump, drain valves, heater, thermostat and recirculation pump are housed in a compartment at one end of the tank. The models can cure in warm, cold and boiling water.

### Applicable standards

- EN 12390-2, ASTM C31, C192, AASHTO T23

### Key features

- Warm water method.
- Temperature range: 55 ± 2°C.
- Boiling water option where temperature range is 100 + 2°C.
- Accelerated curing tanks with refrigeration system for low temperature are also available on special request.