

EC Series

Moist Cabinet/ Cement Curing Chambers



Conforms with ASTM C 511-19 Section 6 for moist cabinets

The EC Series Moist Cabinet/Cement Curing Chambers are specifically designed for use in the making and curing of hydraulic cement and concrete test specimens. Combined insight into the curing process and chamber maintenance has led to many design features which add to the ease of operation, and simplify the cleaning and maintenance of this chamber.

The EC Series is equipped with both dry and submerged storage. Its large workspace has an operating temperature range of 15.6° C to 37.8° C and humidity range of 90% to 98% RH as limited by a +14° C dewpoint temperature.

Access to the stainless steel construction workspace area is through large fully opening hinged doors, each with a rugged two-point cylinder locking latch. Each workspace area holds removable stainless steel wire shelves and 6"-deep removable cement curing trays, each with fill/drain and overflow fixtures for easy condensate removal and cleaning. The water reservoir in the chamber base also has an inlet/outlet drain for easy cleaning. Numerous exterior access panels are also provided for easy maintenance service.

Design & Performance

Model Number	EC20	EC40	EC70
Interior Workspace Dimensions	25W x 25.5D x 56.5H (in) 635W x 648D x 1435H (mm)	56W x 25.5D x 56.5H (in) 1422W x 648D x 1435H (mm)	87W x 25.5D x 55H (in) 2210W x 648D x 1397H (mm)
External Dimensions	72W x 36D x 81.5H (in) 1829W x 914D x 2070H (mm)	103W x 36D x 81.5H (in) 2616W x 914D x 2070H (mm)	134W x 36D x 87H (in) 3404W x 914D x 2210H (mm)
Stainless Steel Wire Specimen Shelves	(5)	(10)	(12)
6"-deep Cement Specimen Curing Trays each with Drain and Overflow Fixtures	(4)	(8)	(9)
Doors with Two-Point Cylindrical Locking Latch Doors and Door Drip Pan	(1) 22W x 53.75H Access	(2) 22W x 53.75H Access	(3) 22W x 53.75H Access
Temperature Range	+15.6°C (+60°F) to +37.8°C (+100°F)		
Temperature Control	±2° C		
Humidity Range	90% to 98% RH, ±2% RH as limited by a +14° C dewpoint temperature		
Humidity Control	Solid State RH Transmitter/Sensor		
Refrigeration System	Local air-cooled		
Power Requirements	240V -3Ø- 60 Hz		
Humidity Air Inlet	1/4" N.P.T.F.		
Humidity Water Inlet	1/2" N.P.T.F.		
Mixing Tank Fill	1" N.P.T.F.		
Chamber Drain	3/4" N.P.T.F.		

Other size models available upon request.

Weiss Technik North America, Inc. • 3881 N. Greenbrooke Dr. SE • Grand Rapids, MI 49512 USA • (616) 554-5020 • www.weiss-na.com
24/7 Service Support Helpline: 1-800-361-6731

Stand the test of time.

WNAEC/FEB2021