

FREEZING AND THAWING CHAMBERS

STANDARDS: EN 1338, 1339, 1340, 1367-6, 12371, 13748-2, CEN/TS 12390-9

Used for the determination of resistance to freezing and thawing by providing freezing / thawing in air/water.

Freezing and Thawing Chamber can holding at constant temperature, heating and cooling at desired speeds, water intake and water discharge operations. There is a discharge valve for discharging operations.

3 models are available. Freezing and Thawing Chamber on Air, Freezing on Air and Thawing on Water Chamber and Freezing on Water and Thawing on Water Chamber.

Freezing and Thawing Chamber; automatically stops all operations when the end of the set cycle. If it is required to stay at a specified temperature at the end of the cycle, this can be done by adding to program before the program starts.

In the water thawing step; the water intake moment, the waiting period in water, the water discharge moment can be defined as parameters, each of which is a different step.

The cabin has a cover at the top and equipped with a piston pusher. The water intake tank is stand-alone.

The control unit is electronic and equipped with digital display with 0.1°C temperature resolution.

Software for data transfer to a computer is supplied complete with the cabinet, and data can be monitored during the tests.



HR-G6005

Technical Specifications:

Product Code	Product Name	Capacity (lt)	Power Supply
HR-G6000	Freezing and Thawing Chamber on Air	250	220 V, 50-60 Hz, 1 ph
HR-G6000/AW	Freezing on Air and Thawing on Water Chamber	250	220 V, 50-60 Hz, 1 ph
HR-G6005	Freezing and Thawing Chamber on Air	500	220 V, 50-60 Hz, 1 ph
HR-G6005/AW	Freezing on Air and Thawing on Water Chamber	500	220 V, 50-60 Hz, 1 ph
HR-G6005/W	Freezing on Water and Thawing on Water Chamber	500	220 V, 50-60 Hz, 1 ph
HR-G6010	Freezing and Thawing Chamber on Air	750	380 V, 50-60 Hz, 3 ph
HR-G6010/AW	Freezing on Air and Thawing on Water Chamber	750	380 V, 50-60 Hz, 3 ph
HR-G6010/W	Freezing on Water and Thawing on Water Chamber	750	380 V, 50-60 Hz, 3 ph
HR-G6015	Freezing and Thawing Chamber on Air	1000	380 V, 50-60 Hz, 3 ph

Technical Specifications	Freezing and Thawing on Air	Freezing on Air and Thawing on Water & Freezing on Water and Thawing on Water
Temperature Range (Moisture free)	-20 + 25°C	-20 + 60°C / 0 + 60°C
Temperature Resolution	± 0,1°C	± 0,1°C
Power Supply	230 V, 50 Hz	230 V, 50 Hz
Controller	Step Controlled PLC	Step Controlled PLC
Internal Surface Material	Stainless Steel	Stainless Steel
External Surface Material	Steel with Electrostatic Powder Paint	Steel with Electrostatic Powder Paint