

## Curing baths and cabinets

### CURING CABINET

#### ■ 65-L0013/E

**CURACEM Cement Curing Cabinet.**  
230 V, 50-60 Hz, 1 ph.

#### General description and specifications

Ideal for commercial and site laboratories, very practical and easy to use. The frame is made of strong polypropylene structure which is chemical resistant and particularly suitable for cement applications. The front doors are fitted with glass. The humidity is maintained from 95% to saturation by water nebulisers. The temperature is maintained to  $20 \pm 1^\circ\text{C}$  by a immersion heater and separated refrigerator unit (see accessories, code 86-D2030).

The four stainless steel racks of the internal frame can support the moulds with specimens and a large number of cement prisms. It can also be used for concrete cubes and other mortar specimens. The unit includes an air compressor which is located on top of the cabinet.

**Power:** 1700 W approx.

**Internal dimensions:**  
1115x435x1500 mm approx.

**External dimensions:**  
1160x550x1900 mm approx.

**Weight approx.:** 200 kg

The water refrigerator unit has to be ordered separately. See accessories.

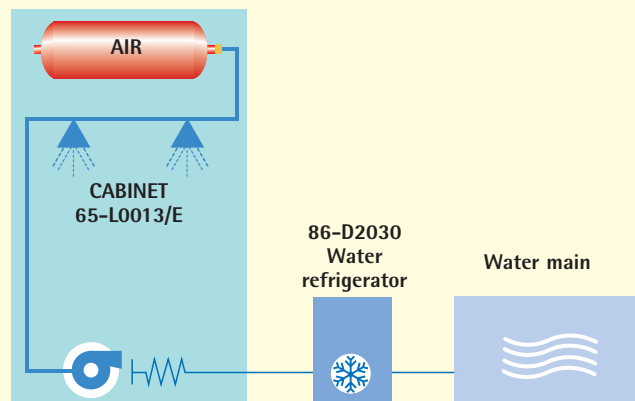


65-L0013/E



65-L0013/E

#### Schemating drawing of the operating principle



#### Operating principle

The cold water coming from refrigerator-circulator 86-D2030 is sprayed inside the 65-L0013/E by nebulisers. The internal immersion heater is automatically operated if necessary to maintain constant the curing temperature (normally  $20 \pm 1^\circ\text{C}$ ) and the humidity goes over 95%. The water consumption is about 2 l/h max.

**ACCESSORIES**

**Liquid refrigerator**

■ **86-D2030**

**Water refrigerator.**

230 V, 50-60 Hz, 1 ph.

This unit has been specially designed for laboratory use to provide cold water. Comprising a refrigeration compressor, silent and CFC free, water reservoir with cooling coil, electronic thermoregulator with digital display, which shows the water/liquid output temperature and sound proof metal case. The water is moved internally under mains water pressure.



86-D2030

**Output water temperature range:**

+5 to +25°C

**Power:** 1500 W

**Water or liquid connections:** 3/4"

■ **Dimensions:** (lxdxh) 825x435x750 mm

■ **Weight approx.:** 70 kg

For more information see page 430.

**Important note**

The heat exchanger fitted in the 86-D2030 generates a flow of hot air so, it could be necessary to install it externally under a penthouse or distant from the conditioned area.

**GENERAL PURPOSE WATER CURING BATH WITH COOLER UNIT**

■ **STANDARD**

EN 196-1, pr EN ISO 679

■ **65-D1409**

**Water bath with cooler unit.**

230 V, 50-60 Hz, 1 ph.

■ **65-D1409/Z**

Same as above but 110 V, 60 Hz, 1 ph.

**Capacity:** 40 litres and 70 cement specimens 40x40x160 mm

**Power:** 2000 W

**Temperature range:** +10 to +95°C

**Accuracy:** ± 1%.

**Inside dimensions:** 550x360x200 mm

■ **Outside dimensions:**

830x480x950 mm

■ **Weight approx.:** 62 kg

Supplied complete with stainless cover.

**General description and specifications**

Used for controlling water temperatures in areas where the ambient temperature is quite high. It is used for curing cement specimens 40x40x160 mm but can also be used for storing the hydrated samples at a temperature of 20 degrees C. Internal surfaces are polished stainless steel with a sheet steel insulated outer case. The cooler unit is located under the water bath.



65-D1409