

equipped with a floor trough which acts as the receptacle for the quantity of water prescribed in Subclause 6.1. The climatic chamber shall be controlled by heating the water in the floor trough.

If the quantity of heat introduced via the water is insufficient to raise the air temperature in the climatic chamber to the required level, then additional heating can be employed.

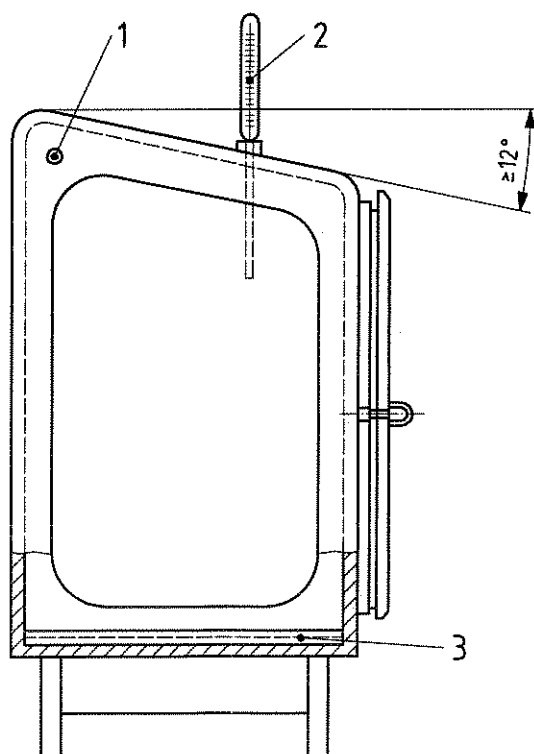
NOTE The heating-up time will depend on the nature and quantity of the test specimens, and also on the ratio of the surface of the water in the floor trough to the surface of the walls of the climatic chamber, and on the water temperature. The water temperature should preferably not exceed 60 °C in order to prevent excessive vapour formation.

The dimensions of the climatic chamber and the arrangement of its temperature-measuring and control equipment are optional, provided that the test conditions in accordance with Clause 4 and Subclause 6.3 are observed and that the temperature is measured.

The climatic chamber shall be provided with a suitable door or other aperture capable of being closed, which allows the climatic chamber to be charged with test specimens and to be ventilated.

An example of a climatic chamber is shown in Figure 1.

Climatic chambers not equipped with water-filled floor troughs shall be fitted out in such a way that adequate formation of condensation water on the test specimens is achieved.



Key

- 1 pressure-relief valve
- 2 temperature-measuring device
- 3 floor trough filled with water

Figure 1 — Example of a climatic chamber