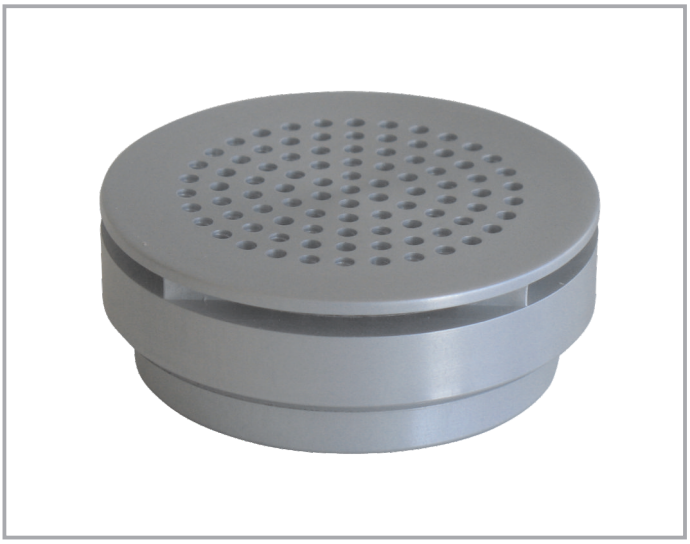
SET FOR DETERMINATION OF WATER VAPOUR PERMEABILITY

release date 29-08-2018



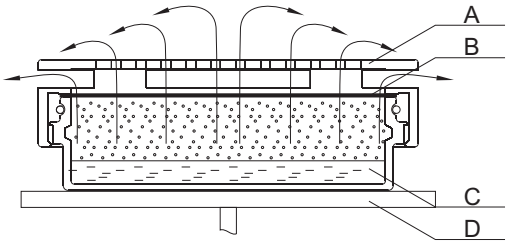
Permeability of water vapour is a feature which directly determins quality and application of a specific material, for instance cloth, shoes. Improper material if applied, may result in unhealthy or uncomfortable use.

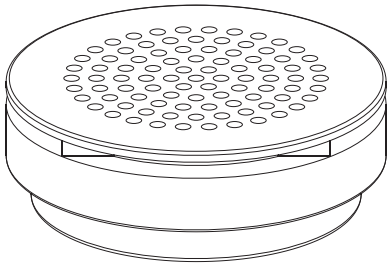
In order to determine content of water vapour, a moisture analyzer is equipped with special vessel.*
Developed method of permeability of water vapour is based on locating adequate amount of water in special vessel made of aluminum alloy, on which the cut-out sample is clamped.**

Before the analysis, the sample should be stored for 24 hours in a room with constant ambient conditions. For the analysis purpose, the vessel with water and clamped sample should be placed in a moisture analyzer, where it is dried in temperature 40 °C. The main advantage of this procedure is very short sampling time (overall it takes approximately 50 minutes, whereas standard method takes approximately 72 hours!).

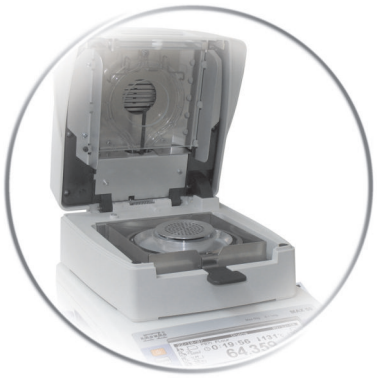
The result of the analysis is expressed in mg of $H_2O/1000mm^2/24h$ or as percent ratio of the amount of water vapour which permeated through the material to the amount of water vapour permeated without tested material.

* registered in PO No W 116646
** registered in PO No P 381787

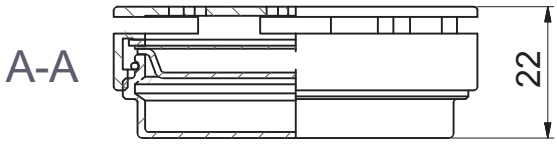


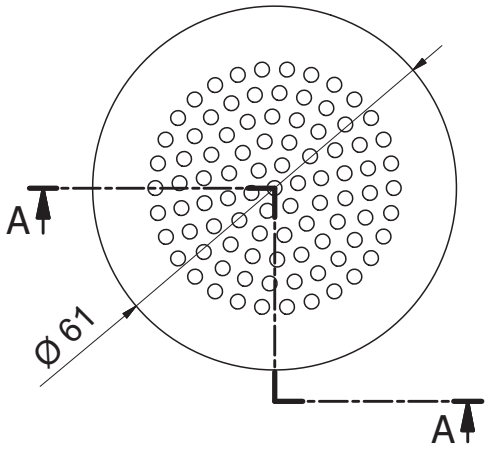


A – vessel lid
B – sample
C – water
D – moisture analyzer's weighing pan



Dimensions:





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