



Schematic representation – wall panel Lindner Thermowall Type 5 - Glass

Description

The Lindner Thermowall was specially developed for use in operating rooms and clean rooms.

For heating or cooling purposes, heat conducting profiles made of aluminium and copper tube meanders are mounted on the rear side of the glass pane, through which heating or cooling water can be fed. This ensures a virtually loss-free transfer of heat energy.

The advantage of this system is that heating or cooling surfaces can be flexibly integrated into rooms. Due to the continuous smooth and closed surface, the system is preferable to a radiator from a hygienic point of view.

Technical Data

Dimensions	project-oriented production
Standard width (dim. between axes)	1200 mm
Partition heights	up to 3500 mm
Joint width between elements	4 to 8 mm (4 mm standard)
Connection of heating and cooling technology	The respective active wall panels can be connected in parallel or in series up to a pressure drop of approx. 30 kPa. The connection to the distribution line is made by means of a plastic pipe.
Heating and cooling capacity	<u>Single-pane safety glass ESG 10 mm with aluminium heat conducting profiles and copper tube:</u> Nominal heating capacity according to DIN EN 14037 (15 K) ca. 100 W/m ² Nominal cooling capacity according to DIN EN 14240 (10K) ca. 65,0 W/m ² The temperature differences for determining the nominal heating capacity are derived from the heating medium temperature and the room temperature.



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