Desktop controller for small timber dryers

GANN HYDROMAT TK-MP 101

This portable and handy controller has been designed especially for the fully automatic control of small conventional timber drying kilns as well as for small dehumidification dryers.

With its attractive price-performance ratio the Hydromat TK-MP 101 represents a progressive solution also for small drying kilns. It is available with a handle to conveniently position the controller on a table, or with fastening brackets for installation in another switch cabinet.

Control

Proportional or ON-OFF control selectable for the heating system and the venting according to the individual requirements. Control of humidification selectable for steam or water spraying. The software contains proven drying schedules for over 250 species of wood and for timber thicknesses from 20 mm to 140 mm. Control of the drying cycle can be governed by reading of any of the available wood moisture measuring points, or by the peak or average value of the selected measuring points.

Standard Equipment

• Illuminated 4-line LCD matrix readout.
• 16-key membrane keypad.
• Robust casing of aluminium, equipped with handle or fastening brackets.
• Signal amplifiers are incorporated in the control cabinet.
• 3 wood moisture measuring points and one each EMC and temperature measuring point.
• Manual control of all final control elements via keypad inputs possible.

Optional Equipment

• Interface for connection of a matrix printer to continually print the essential actual and nominal values as graphical and tabular representation of the drying run.
• Up to 4 wood temperature probes for heat treatment
• PC software TKMP4032_light for documentation and archival storage of the drying progress

Technical Specifications

Control cabinet: Height: 135 mm without handle,
Width: 450 mm,
Depth: 310 mm,
Weight: approx. 11 kg
Protection mode: IP 40

Power supply: 230 V AC 50 cycles, 60 VA.

[Technical modifications reserved]