

DATA SHEET

A DRYER FOR TECHNOLOGICAL PROCESSES TYPE PT-100



**Cabinet for the drying
of products at various stages
of light manufacturing processes**

For drying loose materials, granulates,
parts made of various materials

For drying boots, gloves and mining masks

Features thermally insulated walls

All odours released outside via ventilation system

Multifunctionality, high quality, safety

Innovative solution of air circulation in the cabinet

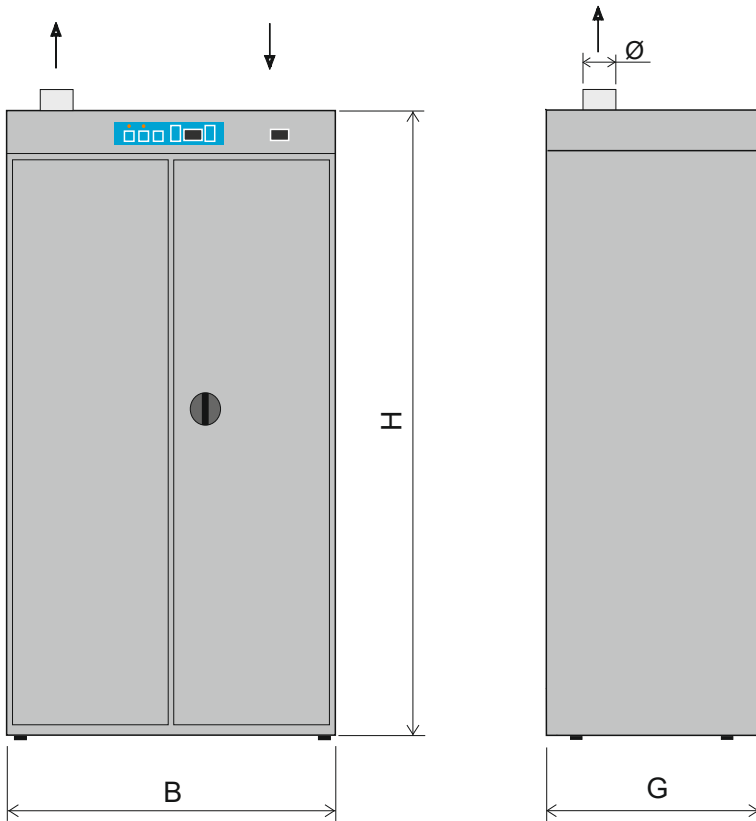
Excellent drying performance, low operating costs



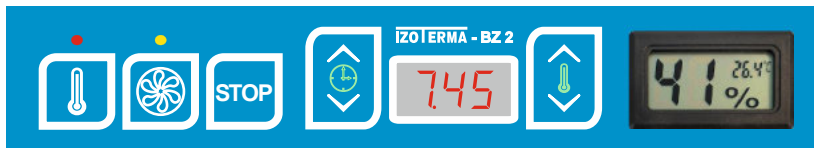
APPLICATIONS

- A. Industry and service sectors
- B. Technological works

A modern device designed specifically for the outlined function, incorporating a zinc-coated steel structure, double-walled, filled with thermal insulation, electrostatically painted – color RAL 7035, structure. Leveling feet, retractable power cord, L = 2.3 m long. Patent lock. The cabinet has an intuitive electronic controller with adjustable drying time and temperature, ventilation function and a humidity indicator. Overload protection against fire and uncontrolled temperature rise. The inside of the cabinet contains a side airflow duct and openings for a maximum of 15 shelves.



SPECIFICATION		
Type	PT-100	
Dimensions [mm]	B	1000
	G	620
	H	1825
	Ø	100
Power supply voltage [V]	230	
Heating power [kW]	2,5	
Fan power [W]	55	
Fan air flow [m³/h]	270	
Fan static pressure [PA]	68	
Chamber volume [m³]	0,86	
Max drying time [hour]	24	
Max drying temperature [°C]	70	
Shelf dimensions [mm]	25 x 440 x 900	
Max number of shelves [pcs.]	15	
Number of doors [pcs.]	2	
Weight [kg]	103	



IZOTERMA - BZ 2
Electronic intuitive controller
for programming of time and temperature,
humidity indicator

OPERATING EQUIPMENT

Shelf - steel, open grill, electrostatically painted, holes 80 x 440, permissible load 10 kg.

INSTALLATION

Operation recommended in a dry room with a temperature above 15 °C. The cabinet should be connected to a ventilation duct. Power supply from 230 V mains.

DRYING PROCESS

The load should be evenly distributed on the shelves in such a way that it does not block the air flow over the shelves. The hot air circulates around the load, then it moves to the top of the chamber.

Part of the air is directed to the outside, drawing moisture from the cabinet to the ventilation duct, and the rest is recirculated. The turbulent air flow in the cabinet ensures that the drying process is precise and relatively short (therefore economical)

SERVICE

Hassle-free warranty and post-warranty service of the manufacturer.

CERTIFICATES

CE, B, hygienic certificate, declaration of conformity. Product admitted to trade.

STORAGE AND TRANSPORT

The cabinet must be transported in an upright position – (working position) on a Euro pallet, without high-stacking of cabinets. It should be noted that both the transport and storage of the product is to be performed in a safe manner, and the area of storage should be dry, without the possibility of mechanical damage (during placement, uncontrolled movement, shock, tipping over, etc.).