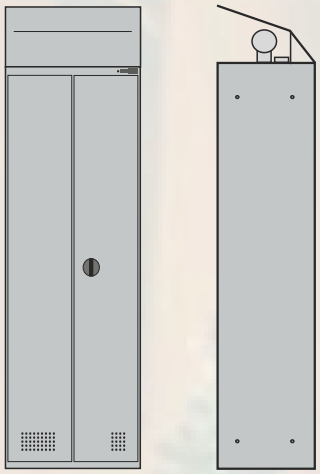
Data sheet K-4/1

LOCKER FOR EMPLOYEES

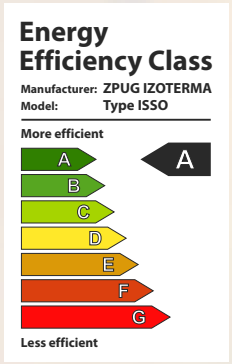
FOR STORAGE OF PERSONAL AND WORKING CLOTHES

WITH A FUNCTION OF COMPARTMENT HEATING AND AIR EXTRACTION, type ISSO - 60



Locker with a cover

Locker without a cover



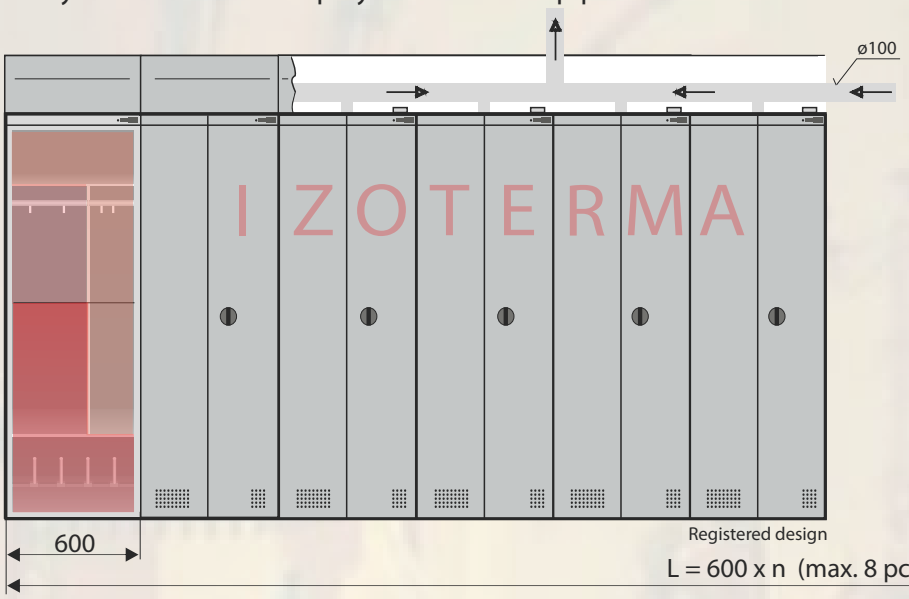
Consumption of electricity
euro cent/hour

Remember about the operational efficiency of the locker - consumed energy and its costs!

LOCKER FUNCTIONS

storage		-	0
ventilation	- 25 W	-	0,4
1st level of heating	- 220 W	-	3,5
2nd level of heating	- 330 W	-	5,3

Side-by-side lockers for employees with an air pipeline and cover



TAKE ADVANTAGE OF THE PROFESSIONAL ADVICE ON SELECTION OF A DRYING LOCKER. AESTHETICS, HYGIENE, SIMPLE OPERATION

Locker with a function of drying and air extraction serves for storage of personal and working clothes (gloves, shoes) as well as other personal items of employees. In case when employee's clothes are moist or wet due to commuting or as a result of working, the employee can dry it in the locker!

LOCKERS CAN FUNCTION:

1. Individually - personalized
2. Side-by-side - max. 8 pcs (with or without pipeline and cover)

APPLICATION:

1. Office and administration employees,
2. Education
3. Industry, services
4. Recreation centers, winter sports centers.

An employee starting work should have a possibility to change his/her clothes and store them, regardless of whether he/she performs administration/office work or works in an industrial workshop. The locker occupies little floor area - only 0.6 x 0.6 m.

INSTALLATION - in a room, with 230V power supply, when the lockers are positioned side-by-side (screwed together) from 2 to 8 pcs, positioned in series. One should make a pipeline and connect it to the ventilation system or lead outside the room (discharge of odors).

Connect the lockers electrically with each other (connector at the top), then install the cover sheet of the pipeline for aesthetics and safety. Lockers can function individually, with or without the cover. Lockers should be leveled.

OPERATION - the underpressure system ensures very efficient ventilation and drying. From the bottom part of the locker, a turbine draws the air to the main compartment, the plane heating element creates thermal energy, as a result of air turbulences and difference of pressure the air is drawn (sucked in) through the extractor (dryer exhaust vent, pipeline), the batch is dried and the odors are extracted.

LOCKER FOR EMPLOYEES type ISSO-60

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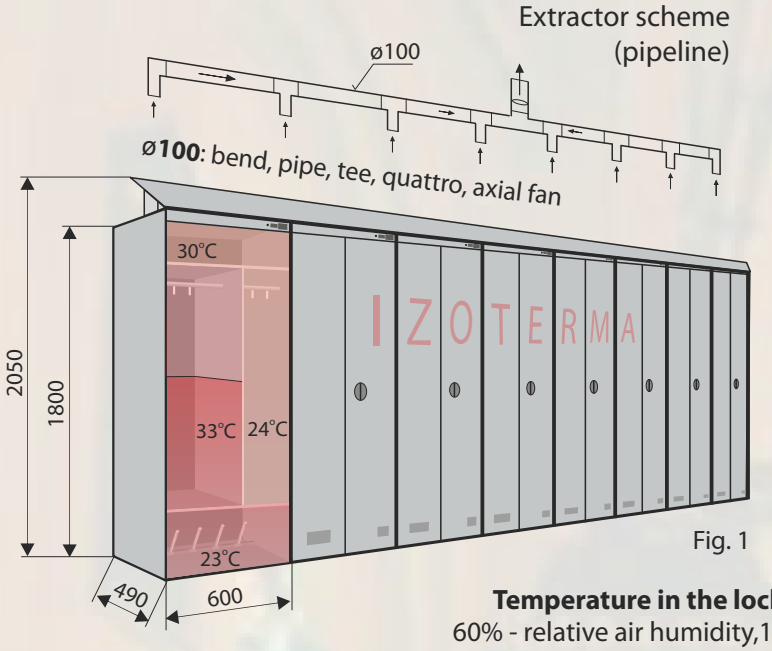

Fig. 1

Fig. 2

CONTROLLER

1 - fan
2 - 1st level of heating 220 W;
2nd level of heating 330 W
3 - moisture and temperature indicator
4 - operation signal light
5 - door opening switch

Temperature in the locker chamber (without batch): 16°C - ambient temperature, 60% - relative air humidity,120 m^3/h - air supply, **after 1 hour** of work the temperature inside the locker as shown on fig.1

LOCKER FOR EMPLOYEES FOR STORAGE OF OUTER AND WORKING CLOTHES WITH A FUNCTION OF COMPARTMENT HEATING AND AIR EXTRACTION type ISSO-60														
No.	Type 230V, 50 Hz	Dimensions - mm				Power kW	Fan		Static pressure PA	V - m^3 of chamber	No. of doors	Weight kg	Number of sets of dried clothes		
		B	G	H	Ø		Power - W	m^3/h							
1.	**ISSO- 60**	600	490	1800 (2050*)	100	0,11 0,22	25	120		0,50	2	44,0	4 hangers, gloves 2 pairs of shoes	hygienic attestation	

* Locker with cover

TEST

Test no.	Heating power of drying W	Drying programme	Batch - kg		Drying time h	Amount of evaporated water c l/h	Costs of consumed electricity* euro cent
			wet	dry			
A	25 - ventilation	Eko	1,0	0,63	8,0	4,6	3
B	1st level - 220	Normal			4,5	8,2	16
C	2nd level - 330	Max			3,0	12,3	16

* 1 kWh = 16 euro cents, rate C11, Tauron, Wrocław region

16°C - ambient temperature, 60% - relative air humidity, 120 m^3/h - air supply. Batch: spring jacket with a water-proof polyester liner + cotton T-shirt with a long sleeve - washed and centrifuged

RESULT - the batch is dry after 4 hours in Max programme, 330 W/h, which corresponds to water evaporation - 20 cl/h
The test was performed in very unfavorable conditions: low temperature, large humidity, completely wet batch, washed and centrifuged in washing machine.
A few lockers do not need to be connected to the ventilation system, if they are located in a room with a good air exchange

EQUIPMENT - plane heating element of a 2-range power with a non-exceedable assumed temperature, pipeline with a cover for extraction of the used air - option, turbine in the lower part of the locker in order to improve drying, three point locking, place for identifier, leveling footers, power supply cable with a possibility to be hidden, blocked controller - ventilation, 1st and 2nd level of heating, compartment moisture and temperature indicator, control lamp indicating the operation of a locker, door switch - switches the heating off at the open doors, poles (4 pcs) in the lower part of the compartment for hanging gloves or shoes. A pole with four hooks for hanging clothes, 2-level regulation of the pole suspension.

DESIGN – modern device, designed for the assumed function, steel structure, made of sheet, painted electrostatically: RAL 7035 (light gray). The locker is divided by a vertical wall and two horizontal shelves. The upper right side of shelf as well as the lower shelf are used for storage of a batch. The left compartment of the locker is heated, the right compartment is used for hanging outer (plain) clothes on the pole. Under the lower horizontal shelf there is an air supply turbine, the function of which is to dry shoes or gloves. The lower compartment has four poles for hanging gloves or shoes.

Locker division and its functions:
chamber (left) with a pole and two hooks for drying clothes
chamber (right) with a pole and two hooks for storage of clothes
upper chamber for storage of a cap, hard hat, personal items
lower chamber with poles (4 pcs) for drying gloves or shoes

CE marked. Product approved for marketing. More information on the website **www.izoterma.com.pl**

STORAGE AND TRANSPORT – The locker should be transported in vertical position – the working position - on a Euro pallet; do not stack the lockers; there are no specific recommendations concerning safe storage and transport. One should pay attention that the product is safely stored during transport, in a dry room, without the risk of mechanical damages during storage - uncontrolled movement, shocks, overturns, etc.