



CLEAR SOLE

In order to save water at the city of not less than 10 per cent of the total consumption of legal entities in the autumn, spring – winter, snow and slush periods, as well as safety walk on the tile covering in the lobby of the building in order to save cleaning products LLP “Zima C.S. Kazakhstan” suggests you to consider new **invention “Device for drying footwear” “Zima Clear Sole”**.

Nowadays, almost every leader interested in cost reductions in the content of the object, for example, administrative buildings, trade entertainment centers, business centers, hotels, etc. One of the costs for facility maintenance is the cost of water supply and the wages of service personnel.

Rain, slush and sleet entail a huge of water consumption and attraction of the workforce in winter, spring and autumn. For example, in the autumn and winter, snowy periods a man who comes from the street in the building with the icing on shoe soles, shakes off the slush (ice crust) from them and walk further on the carpet, thus the carpet gets wet quickly, then a man slips walking on the tile coating. It is not safe. Coming to the office shoes get warm by exposure of the external temperature, ice crust begins to melt under the feet leaving a dirt. At all thus they often have to do wet cleaning on the ground floors of the buildings, for dozens of times, newly made cleaning has become unnoticed because of the big flow of people, washed floor become dirty and wet immediately. In such situations water flow rate in cubic meters has been multiplying tenfold, increasing detergents expense and doubling the wages of technicians.

Today article of outflow water have been established for consumers of water utilities, i.e. water outflow is equal to the amount of consumption of cold water, hot water and technical water.

Considering the price of 1 cubic meter of water flow the organization brings the extra expense for the water consumption + 100% for the discharge of water.

Approximate calculation of water consumption and savings by using “Device for drying footwear”

1 Depending on the consumption volume, example of calculation 3000 cubic meters

Name	Water volume	Unit	Price per unit in 2016 year	Total flow	Saving 30% of the volume	Saving money
Technical water	3000	Cubic meter	33.61	100 830	900	30 249
Water outflow (outflow equals to water consumed)	3000	Cubic meter	217.57	652 710	900	195 813
Total volume	6000			753 540	1 800	226 062

2 Calculation of saving in price for 1 month

Name	Price per unit in 2016 year	Saving 30 %
Technical water	33.61	10.08
Water outflow (outflow equals to water consumed)	217.57	65.27
Total:		75

With regard to the staff salaries, wage increase is observed when one or two employees working on the floor as usually, who make cleaning in lobby, in the offices and restrooms in the morning and in the evening, and carry out soft wet cleaning once or twice a day. In rainy autumn and snowy winter time they have to carry out daily cleaning ten times a day, which requires strengthening of labor force or increasing of salaries to the existing personnel.

Cleaning products – dusters, liquid detergents for washing floors, carpets, carpets at the entrance requiring the cleaning also will not allow to stick to an ordinary consumption rate.

How it works. www.zima-cs.com (there is a video). Almost at the entrance to any building (dressing room, vestibule) there are empty places between two doors on the left and on the right sides, where can be put one or more units of this device. Entering the door in hallway a man goes to the left or to the right and stands on device for 30 seconds, during that time the device knocks down ice crust, snow, slush and dries the shoes. Then a man goes further in the building in dry boots. There is no need to wash the floor so often after the drying shoes on device «ZIMA Clear Sole». Thus water saving happens, a person is no longer slide on tile floor and there is no melting the ice crust in the offices after a time, etc. It can be installed into the floor or put on the floor, it's up to you. People need this device in the climate conditions similar to our own. It can be easily installed and adaptable in all buildings.

Brief description of the device:

Charger: 220 B

Power: 0,4 BТ

Timer, drying time: 30 seconds

Case: metal-plastic

Additional details about characteristics will be enclosed to the equipment.

Today the invention has no analogues in the world. It is protected by the patent of the Republic of Kazakhstan, application is submitted in the USA and in the countries under the Vienna Convention, PCT and the Eurasian Patent Office.

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