ATESY®

MACHINE-BUILDING ENTERPRISE

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CATALOG

OF DISINFECTION AND STERILIZATION EQUIPMENT

for restaurants, cafes, public catering and trade enterprises


ATESY®
INDUSTRIAL
COMPANY
Мы применяем передовые стандарты контроля качества и организации производства.
На наш взгляд - важно создать условия для выполнения работы каждому сотруднику предприятия.

ABOUT US

ATESY is one of the leading enterprises in Russia in the field of professional kitchen equipment design and manufacture. For more than 28 years, ATESY has been creating high-quality equipment for the provision of healthy and safe nutrition for people.

A modern production base, the latest technology and high professional competence of employees allow us to meet the wishes of our customers and create high-quality products at affordable prices.

The history of the company began in February 1992 with the manufacture of 5 roller grills GRATI-6/4 for frying sausages. Since then, after more than a quarter of a century of its activity, ATESY has become a powerful manufacturing enterprise, which designs and manufactures a wide range of products for professional kitchen.

The company has created its own design and technological department, a quality department and a testing laboratory that create opportunity to design, test and develop new products in the shortest possible time. Certification and quality control at the enterprise is carried out by state and independent organizations.

ATESY products every year acquire thousands of private, state and commercial companies throughout the country and abroad. Thermal and electromechanical, gastronomic and barroom, neutral and ventilation equipment produced by ATESY is used in preschool and educational institutions, military units, healthcare facilities, hotels, canteens, cafes, restaurants, and fast food pavilions. ATESY Company strives to maintain a leading position in the market of professional kitchen equipment, recognizing a large degree of responsibility to its customers for the manufactured products.

Our practical experience in mechanical engineering, as well as knowledge in the field of cooking technology, allows us creating the most modern kitchen equipment, giving our customers the opportunity to turn into reality their challenging ideas for the preparation of various dishes!

ATESY – Cooking is PLEASURE!

INTENDED PURPOSE

Closed cabinets ShZDP-950 and ShZDP-1200 are intended for sterilization and disinfection of tableware, chopping boards, lids, and other kitchen tools at enterprises of food industry, trading companies, and public catering.

ADVANTAGES

1. Ultraviolet radiation has a wide range of effects on microorganisms, including bacteria, viruses, spores and fungi.
2. All structural elements of the product are made of AISI430 anticorrosive steel with a polished surface that reflects the light flux well ensuring disinfection in the cabinet with a directed and reflected flux simultaneously.
3. The well-designed construction allows for easy and thorough sanitary treatment.
4. Inspection glasses are installed in each of the two cabinet doors to monitor the correct function of bactericidal lamps.
5. Timer provides for automation of the sterilization process.
6. When the doors open, the bactericidal lamp turns off automatically; this eliminates the harmful effects on humans.

TECHNICAL DESCRIPTION

The cabinet is supplied with the specialized shelves for sterilizing various kitchen utensils:

- Plates;
- Lids;
- Chopping boards and glasses;
- Tableware (universal).

The shelves are ordered separately, taking into account the needs of the customer.
The maximum number of shelves is 4 pcs

The cabinet is powered from the electricity mains with the voltage of 220 V ± 10% and a frequency of 50 Hz. The power consumption is 64 W. Grounding must be provided.

It is recommended for use in rooms with the temperature from 10 °C to + 40 °C.

Disinfection is carried out using ultraviolet radiation in the wavelength range of 205-315 nm. The cabinet is equipped with timer designed for a maximum exposure time of 60 minutes.

Ozone-free low pressure bactericidal lamps types DRB-8-1 are used as a source of ultraviolet radiation.

SPECIFICATIONS

Parameter Name	Units of measure	Parameter value	
		ShZDP-4-950-02	ShZDP-4-1200-02
Dimensions (L x W x H)	mm	950x500x1700	1200x500x1700
Voltage	V	220	
Input power	W	64	
Cabinet capacity	m^3	0.55	0.7
DRB-8 bactericidal lamp	pcs	8	
Maximum number of plates with a diameter of up to 300 mm on one shelf	pcs	35	44

ShDO-1

ShDO-2

INTENDED PURPOSE

ShDO-1 and ShDO-2 cabinets are intended for drying and disinfecting clothes and shoes at enterprises of food industry, trading companies, and public catering.

ADVANTAGES

1. Ultraviolet radiation has a wide range of effects on microorganisms, including bacteria, viruses, spores and fungi.
2. The bulb of the bactericidal lamp is made of uviolized glass. It is not necessary to ventilate the premises after its operation.
3. All structural elements of the product are made of AISI430 anticorrosive steel with a polished surface that reflects the light flux well ensuring disinfection in the cabinet by a directed and reflected flux simultaneously.
4. The well-designed construction allows for easy and thorough sanitary treatment.
5. Inspection glasses are installed in each of the two cabinet doors to monitor the correct function of bactericidal lamps.
6. Timer provides for automation of the sterilization process.

TECHNICAL DESCRIPTION

Inside the cabinet there are: a shelf for hats, a bar for hangers and a shelf for shoes. The top cover is tilted to prevent clutter with foreign items and ensure easy cleaning. The doors can be installed both for the left and for the right opening.

The disinfection unit is located in the upper part of the cabinet. It is a device for disinfecting the air circulating inside the cabinet, where the processed clothes are placed orderly.

The disinfection unit includes:
- Air heating element;
- Bactericidal lamp for air disinfection;
- Air circulation fan.

The cabinet control panel includes:
- Regulator of air temperature inside the cabinet;
- Timer for automated disinfection of clothes;
- Heating element switching-on indication lamp;
- Viewing window for functional check of the bactericidal lamp.

The cabinet is equipped with a sensor that interrupts operation when the door is opened.
Disinfection is carried out by an ultraviolet lamp in the wavelength range of 205-315 nm. The cabinet is equipped with a timer designed for a maximum exposure time of 60 minutes.
Ozone-free low pressure bactericidal lamps type DRB-8-1 are used as a source of ultraviolet radiation.

SPECIFICATIONS

Parameter Name	Units of measure	Parameter value	
		ShDO-1-300-02	ShDO-2-600-02
Dimensions (L x W x H)	mm	300x500x2050	600x500x2050
Voltage	V	220	
Rated power input	W	750	1500
Operating time setting range	Min.	up to 60	
Temperature inside the cabinet	°C	up to 50	

INTENDED PURPOSE

TDO-950 and TDO-1200 small cabinets are intended for disinfecting shoes at enterprises of food industry, trading companies, and public catering.

ADVANTAGES

1. Ultraviolet radiation has a wide range of effects on microorganisms, including bacteria, viruses, spores and fungi.
2. All structural elements of the product are made of AISI430 anticorrosive steel with a polished surface that reflects the light flux well ensuring disinfection in the small cabinets by a directed and reflected flux simultaneously.
3. The well-designed construction allows for easy and thorough sanitary treatment.
4. Inspection glasses are installed on the control panel to monitor the correct function of bactericidal lamps.
5. Timer provides for automation of the shoes disinfecting process.

TECHNICAL DESCRIPTION

There are 2 inclined lattice shelves for shoes inside the small cabinet. Two pocket doors have a latch in the closed position and limit switches that turn off radiation in the open position of the doors.

There is a disinfection unit in the upper part of the small cabinet, which is a device for disinfecting the air circulating inside the small cabinet, where the processed shoes are placed orderly.

The disinfection unit includes:
- Air heating element;
- Bactericidal lamp for air disinfection;
- Air circulation fan.

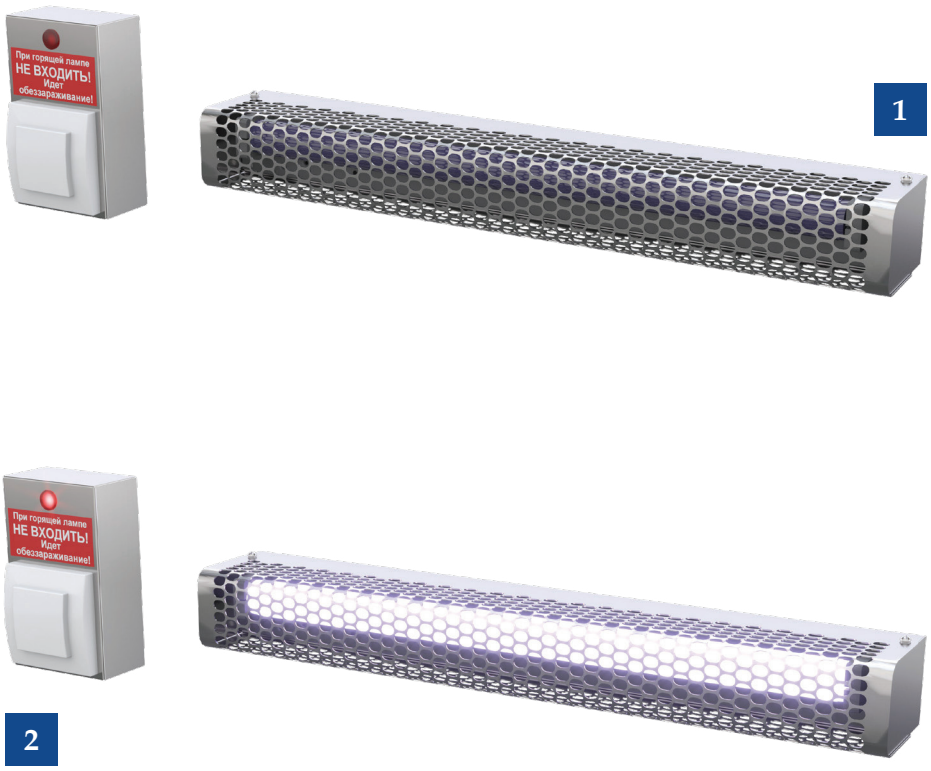
It is recommended for use in rooms with the temperature from 10 °C to + 40 °C.

Disinfection is carried out using ultraviolet radiation in the wavelength range of 205-315 nm. The small cabinet is equipped with a timer designed for a maximum exposure time of 60 minutes.

Ozone-free low pressure bactericidal lamps type DRB-8-1 are used as a source of ultraviolet radiation.

SPECIFICATIONS

Parameter Name	Units of measure	Parameter value	
		TDO-2-950-02	TDO-2-1200-02
Dimensions (L x W x H)	mm	950x500x700	1200x500x700
Voltage	V	220	
Rated power input	W	750	
Operating time setting range	Min	up to 60	
Temperature inside the small cabinet	°C	up to 50	



1 *Room disinfection lamp*

2 *Remote control panel for room disinfection lamp with the indication of irradiation process (BUO-02 control unit of the irradiation device)*

INTENDED PURPOSE

LD-15 Room disinfection lamp is designed for disinfection of premises at enterprises of food industry, trading companies, and public catering. The guaranteed disinfection area is from 15 to 20 m^2.

ADVANTAGES

1. Ultraviolet radiation has a wide range of effects on microorganisms, including bacteria, viruses, spores and fungi.
2. All structural elements of the product are made of AISI430 anticorrosive steel that reflects the light flux well ensuring disinfection in the room by a directed and reflected flux simultaneously.
3. The well-designed construction allows for easy and thorough sanitary treatment.

TECHNICAL DESCRIPTION

It consists of two parts:
Irradiator, which is mounted on the wall of the room intended for disinfection.
Control unit, which is installed at the doorway in order to exclude the effects of radiation on humans.

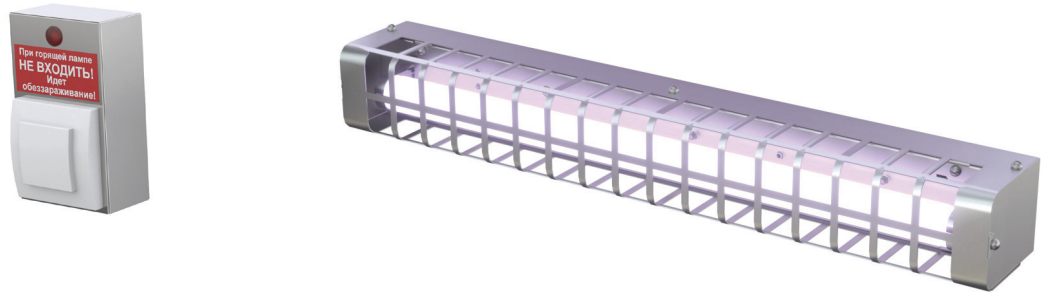
A bactericidal lamp is installed in the irradiator. It is protected from mechanical damage by a protective perforated screen.

The control unit includes a key switch and a warning lamp. There is a warning label on the unit body.

Ozone-free low pressure bactericidal lamp type DRB-8-1 is used as a source of ultraviolet radiation.

SPECIFICATIONS

Parameter Name	Units of measure	Parameter value LD-15
Dimensions (L x W x H)	mm	530x75x70
Voltage	V	220
Rated power input	W	15
Control unit overall dimensions	mm	100x75x189
Performance	m^3 / h	35



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1 *OBPI-1 direct bactericidal irradiator and BUO-02 irradiator control unit*

2 *OBPI-2 direct bactericidal irradiator and BUO-02 irradiator control unit*

INTENDED PURPOSE

Direct radiation irradiators (bactericidal lamps) OBPI-1-8-02, OBPI-1-15-02, OBPI-1-30-02, OBPI-2-8-02, OBPI-2-15-02, OBPI-2-30-02 are intended for disinfection of premises at enterprises of food industry, trading companies, and public catering in the absence of people.

ADVANTAGES

1. Ultraviolet radiation has a wide range of effects on microorganisms, including bacteria, viruses, spores and fungi.
2. All structural elements of the product are made of AISI430 anticorrosive steel that reflects the light flux well ensuring disinfection in the room by a directed and reflected flux simultaneously.
3. The well-designed construction allows for easy and thorough sanitary treatment.

TECHNICAL DESCRIPTION

OBPI direct bactericidal irradiator is mounted on the wall of the room to be disinfected.

To connect an ultraviolet bactericidal lamp, it is necessary to purchase a BUO-02 control unit (it is not included in the delivery set of OBPI irradiator), which is installed at the doorway to exclude human exposure to radiation. The case of the BUO-02 irradiator control unit is made of stainless steel. BUO-02 control unit includes a key switch and a signal lamp. There is a warning sign "DO NOT ENTER. Disinfection in progress."

Irradiator contains a bactericidal lamp, which is protected from mechanical damage by a protective perforated screen. Ozone-free low pressure bactericidal lamp is used as a source of ultraviolet radiation.

SPECIFICATIONS

Parameter Name	Units of measure	Parameter value					
		OBPI -1-8-02	OBPI -1-15-02	OBPI -1-30-02	OBPI -2-8-02	OBPI -2-15-02	OBPI -2-30-02
Dimensions (L x W x H)	mm	380x75x70	530x75x70	990x75x70	380x75x110	530x75x110	990x75x110
Voltage	V	220					
Current frequency	Hz	50					
Rated power input	W	35	50	65	50	120	150
Irradiator control unit overall dimensions	mm	100x75x189					
Radiation source	-	1xTUV 8W	1xTUV 15W	1xTUV 30W	2xTUV 8W	2xTUV 15W	2xTUV 30W

STU-1

STU-2

INTENDED PURPOSE

STU-1 and STU-2 sterilizer is intended for disinfecting chef's knives of various sizes and other kitchen tools at the enterprises of food industry, trading companies, and public catering.

ADVANTAGES

1. All structural elements of the product are made of AISI430 anticorrosive steel with a polished surface.
2. Outfit with locks ensures the safety of knives.
3. Timer provides for the automation of knife disinfecting process.
4. Special tinted glass protects personnel from exposure to ultraviolet radiation.
5. There is a possibility of knives placement on a vertical lattice-holder or on a stainless magnet bar.
6. When the door is opened, the bactericidal lamp is automatically turned off, eliminating harmful effects on humans.
7. Reinforced door hinges provide a long service life.

TECHNICAL DESCRIPTION

Sterilizer is designed for wall mounting.

The door of the sterilization chamber is made of tinted glass, which protects personnel from exposure to ultraviolet rays. The door is equipped with a lock.

The holder is easily removable, which simplifies the process of sanitizing the chamber.
The knife holder is made of stainless steel.

Disinfection occurs due to exposure to ultraviolet rays.
The device uses a mercury lamp with a bactericidal flux of 0.16 watts.

Sterilizer is equipped with a timer with a range from 0 to 60 minutes and a device for automatic turning off the lamp when the door is opened.

Size restrictions (for knives): maximum handle length - 14 cm, blades - 28 cm.
The width of each cell is 9 mm.

SPECIFICATIONS

Parameter Name	Units of measure	Parameter value			
		STU-1-18-02	STU-2-36-02	STU-1-376-02	STU-2-752-02
Dimensions (L x W x H)	mm	465x145x605	900x145x605	465x145x605	900x145x605
Voltage	V	220			
Rated power input	W	8			
Bulb material	-	uviolized glass			
The number of simultaneously installed knives	pcs	18	36	-	-

RO-1-30-02-1

RO-2-15-02-1

RO-2-8-02-1

INTENDED PURPOSE

Irradiator-recirculator RO-1-8-02-1, RO-2-8-02-1, RO-1-15-02-1, RO-2-15-02-1, RO-1-30-02-1, RO-2-30-02-1 is intended for air disinfection in rooms of categories III-V with ultraviolet bactericidal radiation in the presence of people.

ADVANTAGES

1. Ultraviolet radiation has a wide range of effects on microorganisms, including bacteria, viruses, spores and fungi.
2. There is no need to ventilate the premises after the operation of ozone-free bactericidal lamp.
3. All structural elements of the product are made of AISI430 anticorrosive steel that reflects the light flux well ensuring disinfection in the room by a directed and reflected flux simultaneously.
4. The well-designed construction allows for easy and thorough sanitary treatment.
5. Irradiator-recirculator can operate continuously up to 8 hours a day.
6. The lamps and starters are supplied with the product.

TECHNICAL DESCRIPTION

The principle of irradiator-recirculator operation involves disinfection of the air pumped by the fan along the low pressure ozoneless lamp that creates ultraviolet radiation inside the irradiator housing. The irradiator-recirculator consists of a housing forming an irradiation chamber with the installed bactericidal lamps inside. The passage of air through the internal volume of the irradiator is provided by the fan through the ventilation holes located in the irradiator housing. The design of the irradiator-recirculator provides protection from short-wave ultraviolet radiation for people present in the room. The irradiator should be placed in premises so that the intake and discharge of air can be carried out unhindered and coincide with the directions of the main convection flows.

SPECIFICATIONS

Parameter Name	Units of measure	Parameter value					
		RO-1-8-02-1	RO-2-8-02-1	RO-1-15-02-1	RO-2-15-02-1	RO-1-30-02-1	RO-2-30-02-1
Dimensions (L x W x H)	mm	612x150x95	612x180x125	800x150x95	800x230x95	1242x196x130	1242x326x130
Voltage	V	220					
Current frequency	Hz	50					
Rated power input	W	30	50	30	50	50	100
TUV 8W low-pressure mercury lamp	pcs	1	2	-	-	-	-
TUV 15W low-pressure mercury lamp	pcs	-	-	1	2	-	-
TUV 30W low-pressure mercury lamp	pcs	-	-	-	-	1	2
Fan performance	m^3 / h	35	45	40	60	45	90
Room volume at a processing time of 1 hour	m^3	15	30	30	60	45	90

INTENDED PURPOSE

POB-02-1 stand is designed for the installation of irradiator-recirculator series RO.

ADVANTAGES

1. The stand frame is made of polished stainless square tubes, which ensure convenience of sanitization.
2. The stand is designed for the installation of RO series recirculators.
3. The stand provides a reliable installation of the recirculator anywhere in the disinfected room.
4. The design of the stand is dismountable, thus providing for space during transportation.
5. The stand has 3 wheel supports that makes it easy to move the installed recirculator indoors.

TECHNICAL DESCRIPTION

POB-02-1 stand is intended for the installation of recirculators series RO. It provides installation of the recirculator in any place of the room. It can be moved by the handle on three wheel supports.

The stand consists of three square stainless tubes. It is supplied disassembled. For assembly, it is necessary to connect the stand and two corner plates with two bolts, then screw the three wheel supports into the threaded holes and fix recirculator to the stand with two bolts.
Recirculator is not included in the delivery set.

SPECIFICATIONS

Parameter Name	Units of measurement	Parameter value POB-02-1
Dimensions (L x W x H)	mm	644x588x923 (933*) * Dimensions with recirculator
Weight	kg	3.5
Model of the installed recirculator	-	PO-2-8-02-1
Number of wheel supports	pcs	3
Frame material	-	finished stainless pipe 25x25 mm
Number of wheel supports	-	yes

Contact our managers to find out more.

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