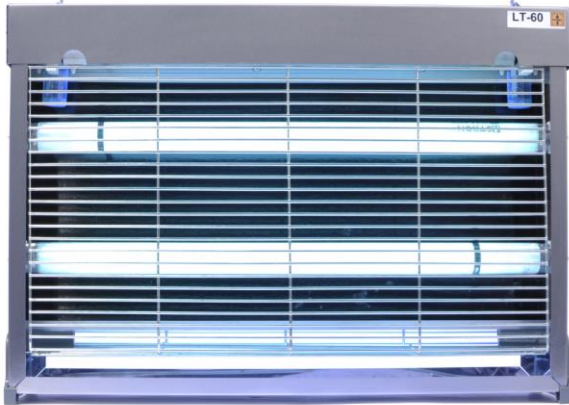


# DUO MAX 36, DUO MAX 72

## insect exterminator

type: 14-03-42; 14-03-45



### Installation and service manual

## ***Please read carefully, before using your unit!***

The information in this service manual is based on the latest information, and is provided subject to alterations. We reserve the right to change the construction and/or configuration of the product at any time without obligation to modify earlier versions of the product.

For further data: [www.insects-trap.com](http://www.insects-trap.com)

#### **A) Read this manual carefully before taking any action with regard to the LT60 insect exterminator.**

Congratulations with the purchase of this high quality electric insect exterminator. Before using this model we would like to ask you to read this manual carefully. If you have questions afterwards feel free to contact your local supplier.

The information in this manual is based upon the latest information, and is provided subject to alterations. We reserve the right to change the construction and/or configuration of the product at any time without obligation to modify earlier versions of the product.

Store this manual carefully for future use.

#### **B) Safety**

When using electric tools, basic precautions to reduce risk of fire, electric shock and personal injury, must always be followed including the following:

- Consider work area environment. Keep work area clean and well lit.
- The DUO MAX unit should be connected to the mains (230 or, respectively, 240V AC, 50Hz, unless otherwise specified)

- Do not use power tools in the presence of flammable materials.
- Do not abuse cable. Keep it away from heat, oil and sharp edges.
- Maintain fly control system with care. Keep the fly control system clean for better and safer performance. Follow instructions for lubricating and changing accessories.
- Disconnect mains, when not in use, before servicing, and when changing accessories or components.
- Make a habit of checking to see that wrenches and adjusting service tools are removed from the fly control system before turning it on.
- The use of any accessory or attachment other than recommended in these operating instructions or the catalogue may present a risk of personal injury.
- The fly control system complies with the relevant safety rules. Repairs should only be carried out by qualified persons using original spare-parts, otherwise this may result in considerable danger to the user.
- Use a safe mains connector with proper ground.
- Wiring in the fly control system meets safety standard EN 60335-2-59
- Always leave repairs (other than cleaning, glue board replacement or replacing the lamp) to your dealer/distributor.
- The light from the ultraviolet lamps is harmless to people and animals even after prolonged exposure.



*Note: In case of replacement of the lamps and/or the starters use components of the same specifications. Only use genuine spare-parts for service and maintenance*

### C) Receipt of equipment

While unpacking, check for any signs of shipment damage and, if found, notify both transporter and supplier in writing within 7 days after receipt with full details of the damage that has occurred and retain the equipment and packing materials for inspection. Check that all parts have been received as ordered. Make sure that all packaging is removed from the machine before use.

### D) Installation

To achieve maximum effectiveness, the following installation notes must be considered:

- Choose a place where the unit can be reached and cleaned easily.
- Avoid obstacles, which limit the possibility for the insects to reach the apparatus.
- Avoid draught by fans or air shafts and avoid direct sunlight.
- Use good quality mounting material.
- Use a safe mains connector with ground.



*Note: fly control systems may never be hung directly above uncovered food!!*

### E) Maintenance

The fly control system requires no maintenance other than cleaning, changing of the glue board and lamp replacement.

#### 1) Cleaning

- a) Disconnect the device from the mains.
- b) Wipe the front grid and casing clean with a damp cloth or one moistened with methylated spirits.

#### 2) Changing the glue board

- a) The glue board can be easily replaced . Take the old glue board away from side and place new glueboard inside the of the unit sliding into guiding rails
- b) Protective sheet from new glueboard must be removed before the insert into unit.



### 3) Lamp replacement

We recommend to replace the UV-A lamp once every year before the main insect season starts:

The lamps should in any case be replaced after 9,000 burning hours.

- a) Disconnect the device from mains.
- b) Open the front cover by pulling gently front grid from 2 top white hinges .
- c) Turn the UV lamp 90° (two clicks) and remove the lamp.
- d) Place new lamps in the apparatus and turn them 90° (two clicks).
- e) Release front grid by pushing wire into hinges back into position.



If the UV lamp starts with difficulty or fails to start, replace the starter, which is located in the upper cover, over the UV lamp

### F) Specifications

Specifications of the unit are outlined below:

Technical name	<b>DUO 36 insect light trap</b>	<b>DUO 72 insect light trap</b>
Area coverage (m <sup>2</sup> )	120 square meter per unit	200 square meter per unit
Light source (W) (UV-A)	2 x 15 Watt shatterproof UV-A lamp	4 x 18 Watt shatterproof UV-A lamp
Type of UV lamps	UV Lamps RoHS certified	
Electrical supply (V)	220-240, 50Hz	
Catch specifications (V)	by means of long life glue board	
Power consumption (W)	40	80
Weight (kg)	4,20	
Material	stainless steel AISI 430 + non degradable plastic	
Glass protection	shatterproof tubes included with 95% UV-A transparency	
Degree of protection (IP)	IP 21 (drip proof)	
Guarantee	2 years return to base	
Int. building norm	acc. EN 60335-2-59 int. standard for insect exterminators	
Lamp life time (h)	9000	
Dimensions (L*D*H)	620 * 380 * 120mm	
CE-approval	yes	
Mounting position	wall mounted, free standing or ceiling mounted	
Cable	included EU or UK as option	
Packaging	neutral cardboard box included	
Manual	enclosed with the unit in English	
Service	unit can be serviced without special tools	

### G) Construction parts

Table 1: Descriptions parts

Description	Pc / set
Steel casing	1
Top cover	1
Front grid	2
UVA Lamps	4
Lamps holder	8
starter	2
Magnetic ballast	2
glue board	1
mains plug	1

### H) Spare parts list

Table 2: Recommended spare parts

Description	Amount	
Electronic ballast 4x18	1	1
18W UV-A lamp shatterproof	2	4
glue board	2	2

### I) Certification and declaration

All DUO MAX units comply with the EU-directive on machine safety

The unit and spare part components are in full compliance with the CE directive and the WEEE / RoHS directives. The EC declaration of conformity is listed below:

#### CE declaration of conformity

We, POMEL Sp. z o.o.

Serocka 37

07-200 Wyszaków, Poland

Tel: +48-29-742-29-91

Fax: +48-29-742-43-28

www.pomel.com.pl

Declare, under our responsibility, that the imported products:

**Type: DUO MAX insect control unit**

Complies with the following European standards:

- \* **2006/42/WE**, relating to machinery that have been implemented into the Polish law, by the Regulation of the Minister of Economy on 21 October 2008.
- \* **2006/95/WE**, relating to electrical equipment that have been implemented into the Polish law, by the Regulation of the Minister of Economy on 21 August 2007.

In order to complete the relevant requirements of safety, health and environmental protection contained in the above Directives following standards been applied

- **PN-EN 60335-2-59:2007 + PN-EN 60335-2-59:2007/A2:20102**
- **PN-EN 60335-1:2012**

All according to the definition of the Low Voltage Directive 73/23/EEC and the EMC Directive 89/336/EEC  
This declaration becomes an invalid, if the product has been altered or rebuilt without our consent or used in contravention to instruction manual.

This declaration must accompany the unit in case of transfer of ownership to another person.  
The last two digits of the year wherein the applied the CE marking on electrical equipment: 20

Place: Wyszaków, Poland  
Date: May 2020

Authorized Person:  
Paweł Trzeciński / General Manager



Signature (electronic)