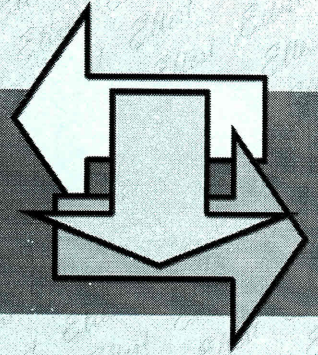


Certificate

for EU survey of type



CE
2024

Document Number: **027 K / 03.09.2019**
Applicant: **ELDOMINVEST Ltd.**
Address: **275A Vladislav Varnenchik Blvd.
9009 Varna, Bulgaria**
Manufacturer: **ELDOMINVEST Ltd.**
Address: **275A Vladislav Varnenchik Blvd.
9009 Varna, Bulgaria**

Product Description: **Electrical closed storage water heater for vertical mounting**

Models: **72269W, 72267W, 72268W, 72269WN, 72267WN,
72268WN, 72265W, 72270W, 72266W**

Trademark: **ELDOM**
Applied

Specifications: **BDS EN 55014-1:2017, BDS EN 55014-2:2015
BDS EN 61000-3-3:2013, BDS EN 61000-3-2:2014**

With this certificate **ELTEST CERTIFICATION Ltd.** certifies that the technical design described device satisfies the relevant essential requirements of Directive 2014/30/EU, after administration of:

Module B: EU type examination - Annex III of Directive 2014/30/EU

Certificate loses its validity in case the conditions under which it was issued.

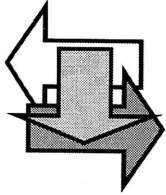
An integral part of this certificate is contained Annex four pages.

ELTEST CERTIFICATION Ltd. - Varna is a European Notified Body Identification № NB 2024, holding a license № 114 - OC / 20.06.2016 Issued by the State Agency for Metrology and Technical Surveillance.

Varna, Bulgaria
03.09.2019



[Signature]
eng. Vladimir Todorov
Head of Notified Body



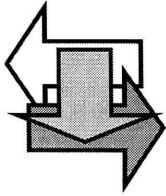
The construction of the devices includes:

- Declared volume of water heaters: 30, 50, 80, 100 and 120 L.
 - Diameters of the outer shell and water container:
 - Ø360 / 320mm, Ø387 / 320 mm (for volume groups 30 to 80L)
 - Ø387 / 320mm, Ø435 / 395mm, (for volume groups 30 to 80L)
 - Ø435 / 395mm (for volume groups 80 to 120L)
- Different volumes are prepared by altering the height of the cylindrical part of the water container.
- Water tank material: cold or hot-rolled carbon steel protected against corrosion by high-quality enamel coating.
 - Outer casing of the instruments: Epoxy-coated steel.
 - Thermal insulation - polyurethane foam, directly flooded in the cavities between the water container and the outer shell.
 - Maximum electrical power:
 - dry tubular heating elements THERMOWATT CA / 3401321 230V ~ 2x1200W or
 - tubular heating element ELDOMINVEST HC300230V11 220-230V ~ 3000W
 - Single-pole mains switch RLEIL RL1-3(W) series RL-13W-11-C-2-WT/WT-P1 16(4)A 250V~ 1E4 T125/55 ENEC 14 S SE/09127-05
 - ** Single-pole mains switch INCO I81 16(6)A 250V 10E3 T125/55 ENEC 10 VDE 40010292
 - ** Single-pole mains switch ARCOLECTRIC C 6000 16(4)A 250V~ T125 ENEC 15 UL 148131-01
 - Thermostat TECASA M-2A20 00 EL/1 16A 250V~ 6-75±4°C 1.B 100000 T150 VDE 40027875
 - ** Thermostat COTHERM GTLH0309 20A 250VAC 11-75±4°C 1.C 100000 T150 ENEC 19 BEAB C1152N L
 - ** Thermostat COTHERM GTLH0310 20A 250VAC 0-75±4°C 1.C 100000 T150 ENEC 19 BEAB C1152N L
 - Thermal cut-out Chuzhou Shengli Electric WY96-17S 20A 250V~ S96°C-8K T75
 - ** Thermal cut-out COTHERM SBS SBSC0023 20A 240V~ S96°C-8K 300 T85 ENEC 15 UL D ENEC-01664
 - Indicator lamp AN.EL 8025 240V T90 VDE
 - Pressure-relief valve ELDOMINVEST V12... 0,8MPa G ½”

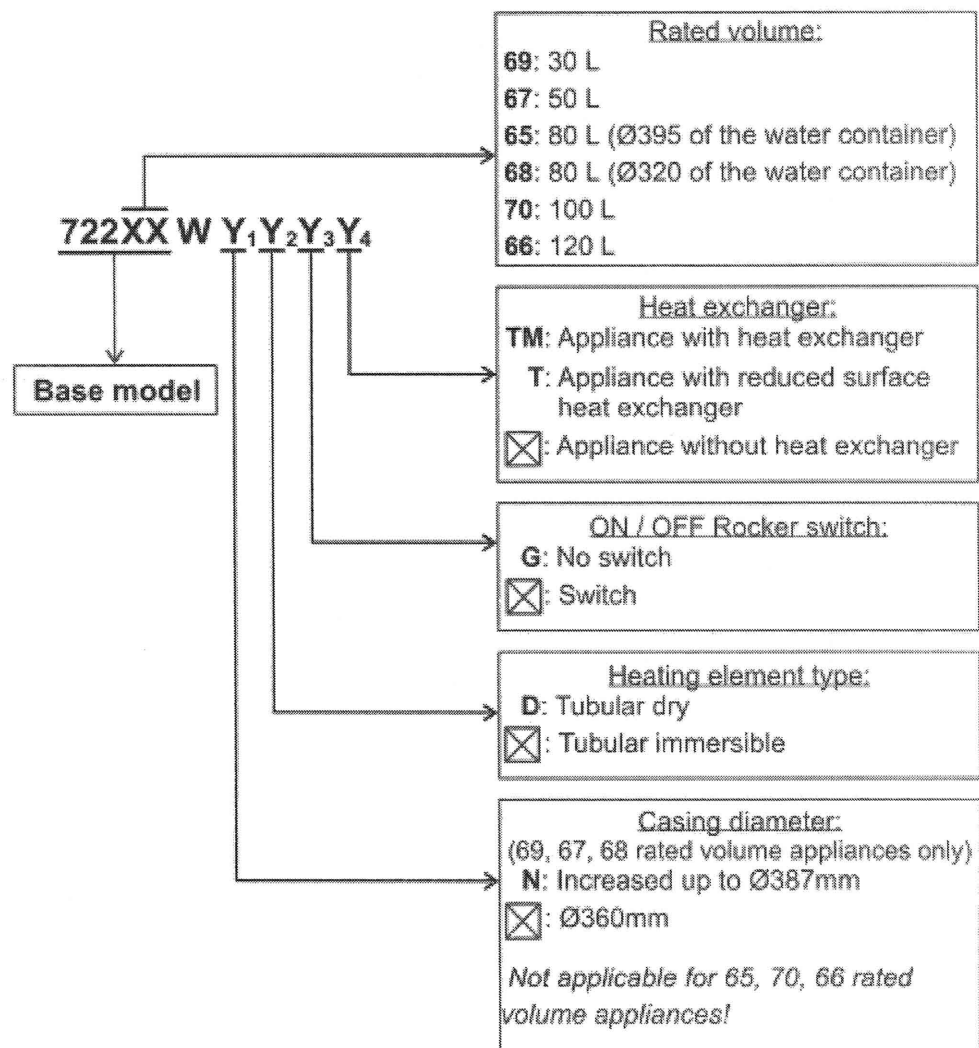
** - alternative

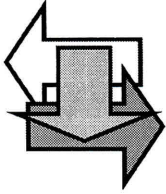
III. Application documentation:

1. Declaration of Conformity;
2. Technical description;
3. User guide;
4. Strength calculations;
5. Design documentation;
6. Risk analysis;
7. Specification of the input components and materials, certificates;
8. Electromagnetic Compatibility Test Protocol - Accredited Testing Laboratory for EMC, Sofia, № 1063 / 11.10.2017, 13 sheets;
9. Electromagnetic Compatibility Test Protocol - Accredited Testing Laboratory for EMC, Sofia, № 1064 / 11.10.2017, 13 sheets;



10. Safety test reports – ELPROM ILEP Ltd. - Sofia, testing laboratory № 17.0032/02.068 from 21.12.2017, 18 sheets;
11. Safety test reports – ELPROM ILEP Ltd. - Sofia, testing laboratory № 17.0032/02.067 from 17.01.2018, 18 sheets
12. Annex I of Directive 2014/35/EU principal elements of the safety objectives for electrical equipment;
13. Labels for marking products;
14. Identification of models:
 - with storage water heaters models **722XXW₁Y₂Y₃Y₄**





XX in the model's name means volume and diameter of the container.

Y₁ is applicable for group 69, 67 and 68 only, means external diameter of the appliance and can be blank (Ø360mm) or N (Ø387mm).

Y₂ specifies the kind of heating element and can be blank (immersion tubular heating elements) or D (dry tubular heating elements).

Y₃ means availability of on/off switch and can be blank (with a switch) or G (without a switch).

Y₄ means availability of a heat exchanger and can be blank (appliance without a heat exchanger), TM (appliance with a heat exchanger), or T (appliance with a heat exchanger with decreased surface).

IV. Terms of the certificate:

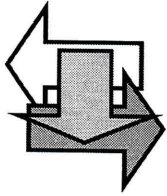
- This certificate applies only the assessment of the suitability of the technical design of the device through examination of the technical documentation and supporting evidence to that device.
- The manufacturer shall keep available to the competent authorities a copy of the EU-type examination, its applications with the technical documentation for 10 years after placing the device on the market.
- The manufacturer is obliged to inform ELTEST CERTIFICATION Ltd. for any changes to the approved type.
- This certificate remains valid provided that the design, examination and testing of that device as well as the requirements laid down in the harmonized European standards or other technical specifications used for the type evaluation remain unchanged.
- The manufacturer affixes the CE marking and draw up a declaration of conformity after applying Module C: Conformity to type based on internal production control - Annex № 2 to Art. 12 Section III of the Regulation (Annex III, part B of Directive 2014/30/EU).

Directive 2014/30/EU	
ESSENTIAL REQUIREMENTS	
Directive 2014/30/EU ANNEX I	
p.1.a)	Generated electromagnetic disturbance
p.1.b)	Immunity to the electromagnetic disturbance

Varna, Bulgaria
 03.09.2019



Eng. Vladimir Todorov
 Head of Notified Body



**Application to
CERTIFICATE № 027 K / 03.09.2019**

I. Compliance of device with the essential requirements is established after review and assessment of the technical design following attached documents:

Directive 2014/30/EU	Harmonised standards	Documentary evidence
Annex I p.1.a)	BDS EN 55014-1:2017 BDS EN 61000-3-2:2014 BDS EN 61000-3-3:2013	Test report № 1063 / 11.10.2017, Accredited EMC Testing Laboratory, Bulgaria Institute of Metrology, Sofia, 13 sheets Test report № 1064 / 11.10.2017, Accredited EMC Testing Laboratory, Bulgaria Institute of Metrology, Sofia, 13 sheets
Annex I p.1.b)	BDS EN 55014-2:2015	Test report № 1063 / 11.10.2017, Accredited EMC Testing Laboratory, Bulgaria Institute of Metrology, Sofia, 13 sheets Test report № 1064 / 11.10.2017, Accredited EMC Testing Laboratory, Bulgaria Institute of Metrology, Sofia, 13 sheets
Annex I p.2	-	-

II. Description of device:

The product is an electrical closed storage water heater for vertical mounting for household and similar purposes and is intended for heating water below boiling temperature. The appliance is intended for fixed installation, for unattended use and is provided with a set of terminals for connection to the mains supply. It consists of a tubular heater, thermostat, thermal cut-out, indicator lamp and pressure-relief valve.

Electrical storage water heater is suitable for indoor use including in bathrooms but in places where it is not subjected to water jets. Rated degree of protection against harmful ingress of water of the appliance is IP 24.

The storage water heater is suitable connection to an AC mains supply, and it is designed for Overvoltage Category II and transient voltages up to and including 2500V.

This appliance contains only hazardous voltage circuits, and does not contain SELV circuits, limited current and limited voltage circuits, separated from live parts by protective impedance.

Electric closed storage water heaters for vertical mounting are also marketed under the trademark **SPECTRA** and **GALANTA**.