



**OBJECT: EU Declaration of Conformity**

This Declaration of Conformity is issued under the sole responsibility of Ariston S.p.A.

Ariston S.p.A. (viale A. Merloni 45, 60044 - Fabriano (AN), ITALY) hereby

declares

that the products: **Electric storage water heater**

Ariston S.p.A. SAP Product Code	Product description	Brand
3201374	LYDOS WIFI 50 V 1,8K EU	ARISTON
3201375	LYDOS WIFI 80 V 1,8K EU	ARISTON
3201376	LYDOS WIFI 100 V 1,8K EU	ARISTON

are in full compliance with the relevant Union harmonization legislations and harmonized standards listed below providing the conformity of the Product with the requirements of the below-mentioned European Directives:

**LVD (Low Voltage Directive: 2014/35/EU)**

The appropriate conformity assessment has been carried out and the related documentation are available for inspection by the competent national authorities.

In particular, the following harmonized standards have been applied:

- Household and similar electrical appliances – Safety - Part 1: General requirements
  - EN 60335-1:2012 + A11:2014 + A13:2017 + A1:2019 + A14:2019 + A2:2019 + A15:2021
- Household and similar electrical appliances - Safety - Part 2-21: Particular requirements for storage water heaters
  - EN 60335-2-21:2021 + A1:2021
- Degrees of protection provided by enclosures (IP Code)
  - EN 60529:1991 + A1:2000 + A2:2013
- Measurement methods for electromagnetic fields of household appliances and similar apparatus with regard to human exposure
  - EN 62233:2008
- Safety of household and similar electrical appliances - Particular rules for routine tests referring to appliances under the scope of EN 60335-1
  - EN 50106:2008

**EMC (Electromagnetic Compatibility Directive: 2014/30/EU)**

The EMC conformity requirements imply the compliance with the following uniform European Standards; in particular:

- Electromagnetic compatibility (EMC) - Part 3-2: Limits - Limits for harmonic current emissions (equipment input current  $\leq 16$  A per phase)

Ariston SpA

Viale Aristide Merloni 45 60044 Fabriano (AN) T: (+39) 0732 6011 F: (+39) 0732 602331  
ariston@pec.ariston.com  
aristongroup.com

- EN 61000-3-2:2019 + A1:2021
- Electromagnetic compatibility (EMC) - Part 3-3: Limits - Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current  $\leq 16$  A per phase and not subject to conditional connection
  - EN 61000-3-3:2013 + A1:2019 + A2:2021
- Electromagnetic compatibility. Requirements for household appliances, electric tools and similar apparatus. Emission
  - EN 55014-1:2021
- Electromagnetic compatibility. Requirements for household appliances, electric tools and similar apparatus. Immunity. Product family standard
  - EN 55014-2:2021

### **RED (Radio Equipment Directive: 2014/53/EU)**

The RED conformity requirements imply the compliance with the following uniform European Standards, local and International Standards; in particular:

#### **Art.3.1b ElectroMagnetic Compatibility:**

- Draft ETSI EN 301 489-17: 2022 (v3.2.5)  
ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 17: Specific conditions for Broadband Data Transmission Systems;
- ETSI EN 301 489-1: 2019 (v2.2.3)  
ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements;

#### **Art. 3.2. Radium Spectrum Matters (ERM):**

- Wideband transmission systems; Data transmission equipment operating in the 2,4 GHz ISM band and using wide band modulation techniques
  - ETSI EN 300 328: 2019 (v2.2.2)

#### **Art. 3.1a Safety and Health:**

- EN 62368-1:2014+A11:2017  
Audio/video, information and communication technology equipment – Part 1: Safety requirements
- EN 62311:2020  
Assessment of electronic and electrical equipment related to human exposure restrictions for electromagnetic fields (0 Hz – 300 GHz)

### **Ecodesign requirements for energy-related products (2009/125/EC)**

The ecodesign requirements for water heater and hot water storage tanks imply the compliance with

- Commission Regulation (EU) n. 814/2013
- Commission communication (EU) 2014/C 207/03

#### **Ariston SpA**

Viale Aristide Merloni 45 60044 Fabriano (AN) T: (+39) 0732 6011 F: (+39) 0732 602331  
ariston@pec.ariston.com  
aristongroup.com



**RoHS (restriction of the use of certain hazardous substances in electrical and electronic equipment: RoHS 3 Directive, 2015/863/EU)**

The RoHS 3 conformity requirements imply the compliance with the following uniform European Standards; in particular:

- Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances
  - EN 63000:2018

Last two digits of the year in which the CE marking was affixed: "23"

**Note: the test reports and technical documentation are held by Ariston S.p.A**

**Date: 20/10/2023**

**Name of the Company's**

**Legal Representative: MARIA CIAVATTA**

**Signature of the Company's**

**Legal Representative:**

A handwritten signature in black ink, appearing to read "Maria Ciavatta", is written over a faint, larger version of the same signature.

**ARISTON S.p.A.**  
Viale Aristide Merloni, 45  
60044 Fabriano (AN) - ITALIA  
C.F. e P. IVA 02853230429

**Ariston SpA**

Viale Aristide Merloni 45 60044 Fabriano (AN) T: (+39) 0732 6011 F: (+39) 0732 602331  
ariston@pec.ariston.com  
aristongroup.com

Cap. Soc. € 30.100.000,00 Reg. Imprese Marche C.F. e P.I. 02853230429  
Società con socio unico soggetta alla direzione e al coordinamento di Ariston Holding NV

