

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: **Heat pump water heater**

Ariston S.p.A. SAP Product Code	Product description	Brand
3629179	LYDOS HYBRID WI-FI 80 C	ARISTON
3629180	LYDOS HYBRID WI-FI 100 C	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 EC 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
- Household and similar electrical appliances - Safety - Part 2-40: Particular requirements for electrical heat pumps, air-conditioners and dehumidifiers
 - EN 60335-2-40: 2003 + A11:2004 + A12:2005 + A1:2006 + A2:2009 + A13:2012
- 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

Ariston SpA

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

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 ≤ 16 A per phase)
 - EN 61000-3-2:2019
- 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 ≤ 16 A per phase and not subject to conditional connection
 - EN 61000-3-3:2013 + A1:2019
- Electromagnetic compatibility. Requirements for household appliances, electric tools and similar apparatus. Emission
 - EN 55014-1:2017 + A11:2020
- Electromagnetic compatibility. Requirements for household appliances, electric tools and similar apparatus. Immunity. Product family standard
 - EN 55014-2:2015

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
 - Final Draft ETSI EN 301 489-17: 2020 (v3.2.3)
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)
 - ETSI EN 300 328: 2019 (v2.2.2)
Wideband transmission systems; Data transmission equipment operating in the 2,4 GHz ISM band and using wide band modulation techniques
- Art. 3.1a Safety and Health
 - EN 62368-1:2014 + A11:2017
Audio/video, Information and communication technology equipment – Part 1: Safety. General requirements
 - EN 62311:2008
Assessment of electronic and electrical equipment related to human exposure restrictions for electromagnetic fields (0 Hz - 300 GHz)

Ariston SpA

Viale Aristide Merloni 45 60044 Fabriano (AN) T: (+39) 0732 6011 F: (+39) 0732 602331

ariston@pec.ariston.com

aristongroup.com

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

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 IEC 63000:2018

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

Date: 02/10/2023

Name of the Company's

Legal Representative: Maria Ciavatta

Signature of the Company's

Legal Representative:



Official Company stamp:

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

