



OBJECT: EU Declaration of Conformity

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

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

declares

that the products: **ELECTRIC SYSTEM FOR CONTROL SANITARY WATER, COOLING CIRCUIT AND HEATING CIRCUIT WITH HEATING ELEMENT IN ADDITION TO EXTERNAL SOURCE OF HEATING**

Brand: **ARISTON**

| Product supplied by Ariston Thermo S.p.A. [SYSTEM] | Ariston Thermo S.p.A. SAP Product Code [SYSTEM] | INTERNAL UNIT Model name | INTERNAL UNIT Code | EXTERNAL UNIT Model name | EXTERNAL UNIT Code |
|--|---|--------------------------|--------------------|--------------------------|--------------------|
| NIMBUS COMPACT 40 S NET | 3300926 | NIMBUS FS 4050 S | 3300831 | NIMBUS 40 S EXT | 3629038 |
| NIMBUS COMPACT 50 S NET | 3300927 | NIMBUS FS 4050 S | 3300831 | NIMBUS 50 S EXT | 3629042 |
| NIMBUS COMPACT 70 S NET | 3300928 | NIMBUS FS 70 S | 3300832 | NIMBUS 70 S EXT | 3629039 |
| NIMBUS COMPACT 70 S T NET | 3300929 | NIMBUS FS 70 S | 3300832 | NIMBUS 70 S-T EXT | 3629040 |
| NIMBUS PLUS 40 S NET | 3300930 | NIMBUS WH 4050 S | 3300828 | NIMBUS 40 S EXT | 3629038 |
| NIMBUS PLUS 50 S NET | 3300931 | NIMBUS WH 4050 S | 3300828 | NIMBUS 50 S EXT | 3629042 |
| NIMBUS PLUS 70 S NET | 3300932 | NIMBUS WH 70 S | 3300829 | NIMBUS 70 S EXT | 3629039 |
| NIMBUS PLUS 70 S T NET | 3300933 | NIMBUS WH 70 S | 3300829 | NIMBUS 70 S-T EXT | 3629040 |
| NIMBUS PLUS 90 S T NET | 3300934 | NIMBUS WH 90110 S | 3300830 | NIMBUS 90 S-T EXT | 3629041 |
| NIMBUS PLUS 110 S T NET | 3300935 | NIMBUS WH 90110 S | 3300830 | NIMBUS 110 S-T EXT | 3629043 |



| Product supplied by Ariston Thermo S.p.A. [SYSTEM] | Ariston Thermo S.p.A. SAP Product Code [SYSTEM] | INTERNAL UNIT Model name | INTERNAL UNIT Code | EXTERNAL UNIT Model name | EXTERNAL UNIT Code | TANK Model Name | TANK Code |
|--|---|--------------------------|--------------------|--------------------------|--------------------|-----------------|-----------|
| NIMBUS FLEX 40 S NET | 3300918 | NIMBUS WH 4050 S | 3300828 | NIMBUS 40 S EXT | 3629038 | CD1 180 H | 3060451 |
| NIMBUS FLEX 50 S NET | 3300919 | NIMBUS WH 4050 S | 3300828 | NIMBUS 50 S EXT | 3629042 | CD1 180 H | 3060451 |
| NIMBUS FLEX 70 S NET | 3300920 | NIMBUS WH 70 S | 3300829 | NIMBUS 70 S EXT | 3629039 | CD1 180 H | 3060451 |
| NIMBUS FLEX 70 S T NET | 3300921 | NIMBUS WH 70 S | 3300829 | NIMBUS 70 S-T EXT | 3629040 | CD1 180 H | 3060451 |
| NIMBUS FLEX 90 S T NET | 3300922 | NIMBUS WH 90110 S | 3300830 | NIMBUS 90 S-T EXT | 3629041 | CD1 180 H | 3060451 |
| NIMBUS FLEX 110 S T NET | 3300923 | NIMBUS WH 90110 S | 3300830 | NIMBUS 110 S-T EXT | 3629043 | CD1 180 H | 3060451 |
| NIMBUS FLEX 90 S T – 300 NET | 3300924 | NIMBUS WH 90110 S | 3300830 | NIMBUS 90 S-T EXT | 3629041 | CD1 300 H | 3060345 |
| NIMBUS FLEX 110 S T – 300 NET | 3300925 | NIMBUS WH 90110 S | 3300830 | NIMBUS 110 S-T EXT | 3629043 | CD1 300 H | 3060345 |

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 60335-1:2002 + A11:2004 + A1:2004 + A12:2006 + A2:2006 + A13:2008 + A14:2010 + A15:2011
- Household and similar electrical appliances - Safety - Part 2-21: Particular requirements for storage water heaters
 - EN 60335-2-21:2003 + A1:2008 + A2:2008
- 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
- Degrees of protection provided by enclosures (IP Code)
 - EN 60529:1991 + A1:2000



- 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 3-12: Limits - Limits for harmonic current produced by equipment connected to public low-voltage systems with input current > 16 A and ≤ 75 A per phase
 - EN 61000-3-12:2011
- Electromagnetic compatibility (EMC) - Part 3-11: Limits - Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current ≤ 75 A per phase and subject to conditional connection
 - EN 61000-3-11:2000
- Electromagnetic compatibility. Requirements for household appliances, electric tools and similar apparatus. Emission
 - EN 55014-1:2006 + A1:2009 + A2:2011
- Electromagnetic compatibility. Requirements for household appliances, electric tools and similar apparatus. Immunity. Product family standard
 - EN 55014-2:2015

R&TTE (Radio and Telecommunication Terminal Equipment Directive: 1999/5/EC)

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

- Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment; Part 17: Specific conditions for Broadband Data Transmission Systems
 - ETSI EN 301 489-17: 2012 (v2.2.1)
- Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements
 - ETSI EN 301 489-1: 2011 (v1.9.2)

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. 813/2013
- Commission communication (EU) 2014/C 207/02





RoHS (restriction of the use of certain hazardous substances in electrical and electronic equipment (recast): RoHS 2 Directive, 2011/65/EU)

The RoHS 2 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 50581:2012

- Last two digits of the year in which the CE marking was affixed: "16"

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

Date: 07/03/2017

Name of the Company's

Legal Representative: Angelo Mancini

Signature of the Company's

Legal Representative:

Official Company stamp:

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