



## 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 90 M NET	3301356	NIMBUS FS-L M 1Z	3301339	NIMBUS 90 M EXT	3630204
NIMBUS COMPACT 110 M NET	3301357	NIMBUS FS-L M 1Z	3301339	NIMBUS 110 M EXT	3630205
NIMBUS COMPACT 90 S NET	3301345	NIMBUS FS 90110 S	3301338	NIMBUS 90 S EXT	3630202
NIMBUS COMPACT 110 S NET	3301347	NIMBUS FS 90110 S	3301338	NIMBUS 110 S EXT	3630203
NIMBUS COMPACT 90 M T NET	3301358	NIMBUS FS-L M 1Z	3301339	NIMBUS 90 M-T EXT	3630188
NIMBUS COMPACT 110 M T NET	3301359	NIMBUS FS-L M 1Z	3301339	NIMBUS 110 M-T EXT	3630189
NIMBUS COMPACT 90 S T NET	3301348	NIMBUS FS 90110 S	3301338	NIMBUS 90 S-T EXT	3629041
NIMBUS COMPACT 110 S T NET	3301349	NIMBUS FS 90110 S	3301338	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
NIMBUS PLUS 90 M NET	3301360	NIMBUS WH-L M 1Z	3300953	NIMBUS 90 M EXT	3630204
NIMBUS PLUS 110 M NET	3301361	NIMBUS WH-L M 1Z	3300953	NIMBUS 110 M EXT	3630205
NIMBUS PLUS 90 S NET	3301350	NIMBUS WH 90110 S	3300830	NIMBUS 90 S EXT	3630202
NIMBUS PLUS 110 S NET	3301351	NIMBUS WH 90110 S	3300830	NIMBUS 110 S EXT	3630203

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 90 M NET	3301352	NIMBUS WH-L M 1Z	3300953	NIMBUS 90 M EXT	3630204	CD1 180 H	3060451
NIMBUS FLEX 90 M – 300 NET	3301354	NIMBUS WH-L M 1Z	3300953	NIMBUS 90 M EXT	3630204	CD1 300 H	3060345
NIMBUS FLEX 110 M NET	3301353	NIMBUS WH-L M 1Z	3300953	NIMBUS 110 M EXT	3630205	CD1 180 H	3060451
NIMBUS FLEX 110 M – 300 NET	3301355	NIMBUS WH-L M 1Z	3300953	NIMBUS 110 M EXT	3630205	CD1 300 H	3060345
NIMBUS FLEX 90 S NET	3301340	NIMBUS WH 90110 S	3300830	NIMBUS 90 S EXT	3630202	CD1 180 H	3060451
NIMBUS FLEX 90 S – 300 NET	3301342	NIMBUS WH 90110 S	3300830	NIMBUS 90 S EXT	3630202	CD1 300 H	3060345
NIMBUS FLEX 110 S NET	3301341	NIMBUS WH 90110 S	3300830	NIMBUS 110 S EXT	3630203	CD1 180 H	3060451
NIMBUS FLEX 110 S – 300 NET	3301343	NIMBUS WH 90110 S	3300830	NIMBUS 110 S EXT	3630203	CD1 300 H	3060345

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 POCKET 90 M NET	3301362	NIMBUS LB M	3319105	NIMBUS 90 M EXT	3630204
NIMBUS POCKET 110 M NET	3301363	NIMBUS LB M	3319105	NIMBUS 110 M EXT	3630205

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 + + A2:2006 + A12:2006 + 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 + A1:2005 + Corr.:2007 + 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

## **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:

- 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 (v3.1.1:2017)
- 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 (v2.1.1:2017)

## **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  $\leq 75$  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 55014-2:1997 + A1:2001 + A2:2008 + EC:1997 + IS1:2007

### **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: "18"

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

**Date:** 31/07/2018

**Name of the Company's**

**Legal Representative:** Angelo Mancini

**Signature of the Company's**

**Legal Representative:**

**Official Company stamp:**

**Ariston Thermo SpA**

Viale Aristide Merloni, 45  
60044 Fabriano (AN)  
C.F. e P.IVA IT 01026940427