

ANQIP TECHNICAL SPECIFICATION

# ETA 0804

## SPECIFICATIONS FOR ASSIGNING ANQIP WATER EFFICIENCY LABELS TO FLUSH CISTERNS FOR TOILETS

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Prepared by : Technical Secretariat

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Note :

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1. This specification establishes the criteria for assigning ANQIP water efficiency labels to toilet bowl cisterns.
  2. The following devices are considered within the scope of this Specification:
    - Simple discharge cisterns, of the gravity type;
    - Gravity type dual flush cisterns;
    - Double action cisterns (with flush interruption), gravity type.
  3. The following products may also be covered by this Specification after a prior compatibility analysis by the ANQIP CTA 0802 Technical Commission:
    - Cisterns with pressure tank;
    - Electro-hydraulic cisterns;
    - Other discharge systems, based on the flush cistern concept.
  4. Are not covered by this specification:
    - Toilet flush valves;
    - Urinal cisterns;
    - Vacuum systems.
  5. Given that ANQIP certification only covers aspects of water efficiency, it is required that all certification requests be accompanied by a demonstration of additional compliance with existing performance standards applicable to the product, such as the CE marking, when applicable.

6. In the case of products without a Harmonized European Standard, applications for certification will only be accepted for products that meet at least the applicable requirements of EN 14055 and EN 997, and it is up to the applicant to demonstrate such compliance.

7. Certification is attributed to the cistern with valve, under the conditions in which it is placed on the market, but will consider the performance of the associated toilet pan, as referred to in item 11.

8. The application process for certification and attribution of the water efficiency label, as well as the procedures for maintaining the certification, must follow the indications contained in Specification ETA 0802.

9. The use of water efficiency labels must be done in strict compliance with Specification ETA 0803.

10. The attribution of labelling authorization to a given product will be done in accordance with the categories and tolerances established in Table 1.

Nominal volume	Type of discharge	Water Efficiency Category	Tolerance (Maximum volume – full discharge)	Tolerance (Minimum flush volume for water saving)
4.0	double flush	A++	4.0 - 4.5	2.0 - 3.0
5.0	double flush	A+	4.5 – 5.5	3.0 - 4.0
6.0	double flush	A	6.0 - 6.5	3.0 - 4.0
7.0	double flush	B	7.0 - 7.5	3.0 - 4.0
9.0	double flush	C	8.5 - 9.0	3.0 - 4.5
4.0	w / switch desc . _	A+	4.0 - 4.5	-
5.0	w / switch desc . _	A	4.5 – 5.5	-
6.0	w / switch discount _	B	6.0 - 6.5	-
7.0	w / switch discount _	C	7.0 - 7.5	-
9.0	w / switch discount _	D	8.5 - 9.0	-
4.0	complete	A	4.0 - 4.5	-
5.0	complete	B	4.5 – 5.5	-
6.0	complete	C	6.0 - 6.5	-
7.0	complete	D	7.0 - 7.5	-
9.0	complete	E	8.5 - 9.0	-

Table 1 - Conditions for attributing water efficiency labels to flush cisterns for toilets



11. Bearing in mind the functional requirements of the toilet bowls, established in EN 997, as well as the limitations imposed by the European Standard EN 12056-2 with regard to the devices applicable depending on the sizing conditions of the networks, namely the system adopted, all cisterns with a nominal volume equal to 4 litres or with an A<sup>+</sup> and A<sup>++</sup> label, they must have the indication “*Valid only when the toilet bowl and the dimensioning of the network are suitable for these discharge volumes*”, according to the models represented in the Annex. In any case, the validity of this labelling presupposes that the installer verifies the compatibility of the toilet with the characteristics of the cistern discharge, under the terms defined in EN 997, for Class 1 products.



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## ATTACHMENT

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EFICIÊNCIA HÍDRICA  
CERTIFICAÇÃO

A<sup>+</sup>

A<sup>++</sup>  
A<sup>+</sup>  
A  
B  
C  
D  
E

VÁLIDO APENAS QUANDO A BACIA DE RETIREFE E O DIMENSIONAMENTO DA REDE FOREM ADEQUADOS A ESTES VOLUMES DE DESCARGA