

Contents

Foreword.....4

1 Scope5

2 Normative references5

3 Terms and definitions5

4 Design6

4.1 Construction.....6

4.2 Pump and/or blower installation6

4.3 Unit maintenance6

4.4 Backflow prevention.....6

4.5 Safety6

5 Requirements6

5.1 General.....6

5.2 Resistance to temperature.....6

5.3 Resistance to hair entrapment6

5.4 Hygiene7

5.4.1 Water retention.....7

5.4.2 Cleanability.....7

5.4.3 Durability of cleanability7

5.5 Resistance to pressure7

5.6 Resistance to leakage7

6 Test method.....7

6.1 Temperature test7

6.1.1 Apparatus7

6.1.2 Test specimen7

6.1.3 Procedure7

6.1.4 Expression of results7

6.2 Maximum pressure test.....8

6.2.1 Apparatus8

6.2.2 Test specimen8

6.2.3 Procedure8

6.2.4 Expression of results8

6.3 Leakage test8

6.3.1 Apparatus8

6.3.2 Test specimen8

6.3.3 Procedure8

6.3.4 Expression of results9

7 **A1** Marking, labelling and packaging.....9

7.1 Marking and product designation9

7.2 Labelling10

8 Evaluation of conformity.....10

8.1 General.....10

8.2 Type testing.....10

8.2.1 Initial type testing10

8.2.2 Further type testing10

8.2.3 Sample, testing and compliance criteria10

8.3 Factory production control.....11

8.3.1 General.....11

8.3.2 Testing equipment.....11

8.3.3 Raw materials and components.....11

8.3.4 Product testing and assessment11

8.3.5 Non-conforming products11

9 Instructions to installer 11

10 Instructions to users 12

Annex A (informative) Commissioning test..... 13

A.1 Procedure 13

A.2 13

Annex ZA (informative)  Relationship between this European Standard and the essential Requirements of EU Directive 89/106/EEC, EU Construction Products Directive 14

ZA.1 Scope and relevant characteristics 14

ZA.2 Procedure for attestation of conformity of whirlpool baths..... 15

ZA.2.1 System of attestation of conformity 15

ZA.2.2 Declaration of conformity 15

ZA.3 CE marking 16

 Bibliography 18