

# DIN EN 13077:2023-07 (E)

## Devices to prevent pollution by backflow of potable water - Air gap with non-circular overflow (unrestricted) - Family A - Type B

---

<b>Contents</b>		<b>Page</b>
European foreword .....		3
Introduction .....		4
1	Scope .....	5
2	Normative references .....	5
3	Terms and definitions .....	5
4	Designation .....	7
5	Symbolization .....	7
6	Materials .....	7
7	Requirements .....	7
7.1	General .....	7
7.2	Characteristics and tests .....	8
7.2.1	General .....	8
7.2.2	General tolerances and measurements .....	8
7.2.3	Accuracy of measuring instruments .....	8
7.2.4	Measurements .....	8
7.3	Water inlet device .....	8
7.4	Overflow arrangements .....	10
7.5	Air gap distance A .....	12
7.5.1	General .....	12
7.5.2	Single supply .....	12
7.5.3	Multiple supplies .....	13
7.5.4	Backflow/back pressure .....	13
7.6	Verification .....	13
7.6.1	Procedure for verification by test .....	13
7.6.2	Procedures for verification by calculation .....	14
8	Marking .....	15
9	Technical documents .....	15
Annex A (informative) Relationship between h and l for air gap Family A, Type B with rectangular overflow .....		16
Annex B (normative) Vacuum Test .....		17
B.1	Apparatus .....	17
B.2	Procedure .....	17
B.3	Requirement .....	18