KAIZEN SOLUTIONS EU LIMITED

Water Fittings Regulations Compliance Statement

Models: NE-2000-BE and NE-2000-SE manual bidet toilet seats | Supporting documents: manufacturer declaration and independent component certificate

Regulation 4 – basis of this statement

Kaizen Solutions EU Limited has reviewed the accompanying EN 1717 conformity declaration supplied by Oceanwell for its NE-2000 Series manual bidet seat, together with the SVGW certificate issued to NEOPERL GmbH for the Injector-AD 1.5 cartridge.

The manufacturer identifies an integral Type AD air-gap backflow prevention arrangement, designed to conform to EN 1717 and EN 13079. On the basis of this documentation, Kaizen Solutions EU Limited considers that the NE-2000 Series has evidence supporting compliance with the applicable Fluid Category 5 backflow protection provisions of Schedule 2, paragraph 15 of the Water Supply (Water Fittings) Regulations 1999, as applied through Regulation 4(3), when correctly specified and installed.

Supporting technical evidence

Document	Relevant evidence
Oceanwell NE-2000 Series EN 1717 declaration	Waterway diagram, identification of a certified AD injector, overflow arrangement and measured air-gap geometry.
SVGW Certificate No. 1312-6221	NEOPERL Injector-AD 1.5 cartridge; Air Gap A Type D; EN 13079:2003 and EN 1717:2000; certificate valid to 31 May 2029.

Manufacturer-declared air-gap dimensions

Parameter	Declared value	Manufacturer-stated criterion
Inlet diameter (D)	1.1 mm	Air gap A ≥ 2 × D
Air gap (A)	20.3 mm	A ≥ 20 mm
Separation (b)	21 mm	b ≥ 20 mm

These values are reproduced from the Oceanwell declaration (page 4). They describe the documented air-gap design, rather than an independent assessment of the entire bidet seat.

Scope, conditions and supporting documents

The following limitations are important when reading this declaration.

WRAS product approval and legal compliance

Regulation 4 does not expressly require a WRAS product approval certificate. WRAS approval is one possible means of supplying evidence, but statutory compliance is determined by the applicable requirements of the Regulations and the evidence relevant to the fitting. The independent SVGW certificate relates to the specified NEOPERL air-gap component; it must not be interpreted as a WRAS approval or whole-product certificate for either bidet seat.

Scope of the evidence

The manufacturer document is titled for the NE-2000 Series rather than separately naming NE-2000-BE and NE-2000-SE. The enclosed SVGW certificate identifies the NEOPERL Injector-AD 1.5 cartridge, while the Oceanwell declaration describes a “Certified AD-Injector” without explicitly stating that exact cartridge identifier. The manufacturer should confirm in writing that both named retail variants incorporate the certified component and are within the scope of the NE-2000 Series declaration.

Compliance of the complete product and installation

These two documents support the backflow-prevention aspect of the Regulations. They do not, by themselves, demonstrate every applicable requirement of Regulation 4, including the suitability of all water-contact materials or all site-specific installation requirements. The complete fittings and their installation must satisfy those requirements, including any conditions placed on the air-gap component.

The SVGW certificate specifies that connection to the drinking-water supply must use a tested, certified connection hose (EN 13618). The certificate also states DN 6, PN 10 and a maximum temperature of 55°C for the certified component. Installers should follow all current manufacturer instructions and applicable local water undertaker requirements.

Kaizen Solutions EU Limited position

On the basis of the enclosed manufacturer declaration and component certificate, we consider the specified NE-2000 Series air-gap design to be supported by technical evidence of conformity with EN 1717 / EN 13079 for Category 5 backflow protection. We do not represent these documents alone as an independent certification of full Regulation 4 compliance for the complete NE-2000-BE or NE-2000-SE units.

Documentary appendices (reproduced in full, without alteration)

Appendix A — Oceanwell: “EN1717 Conformity Declaration — NE-2000 Series manual bidet seat”, four pages.

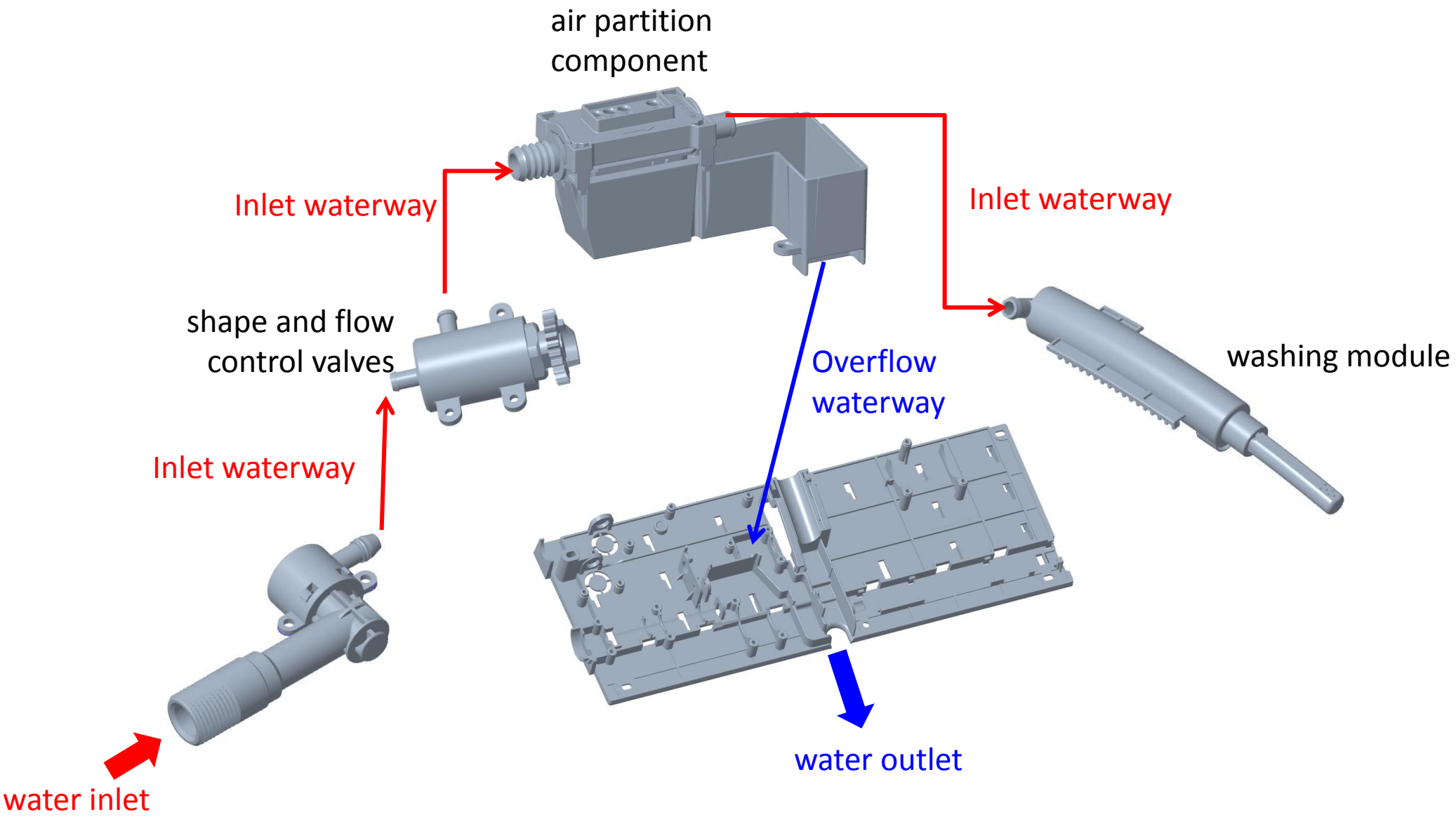
Appendix B — SVGW: Certificate No. 1312-6221, issued to NEOPERL GmbH for Injector-AD 1.5 cartridge, two pages.

Source documentation is included immediately following this statement. Its original pagination, presentation and contents are preserved.

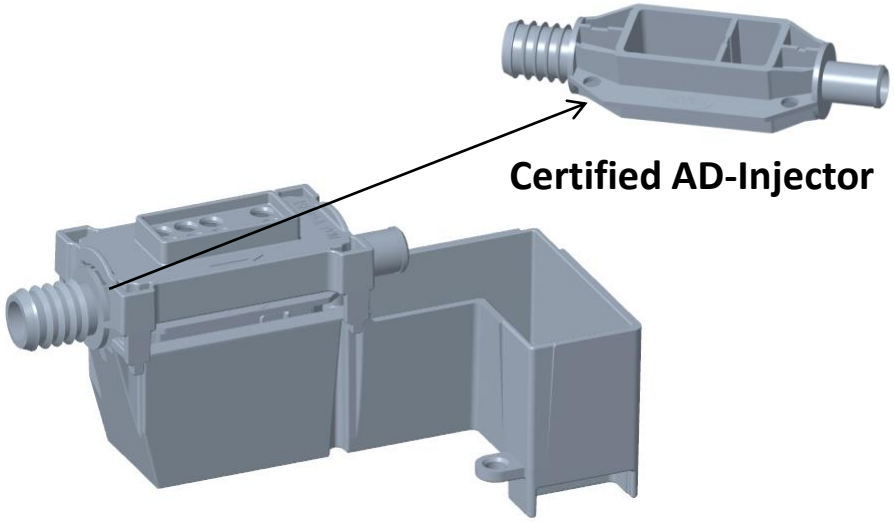
EN1717 Conformity Declaration

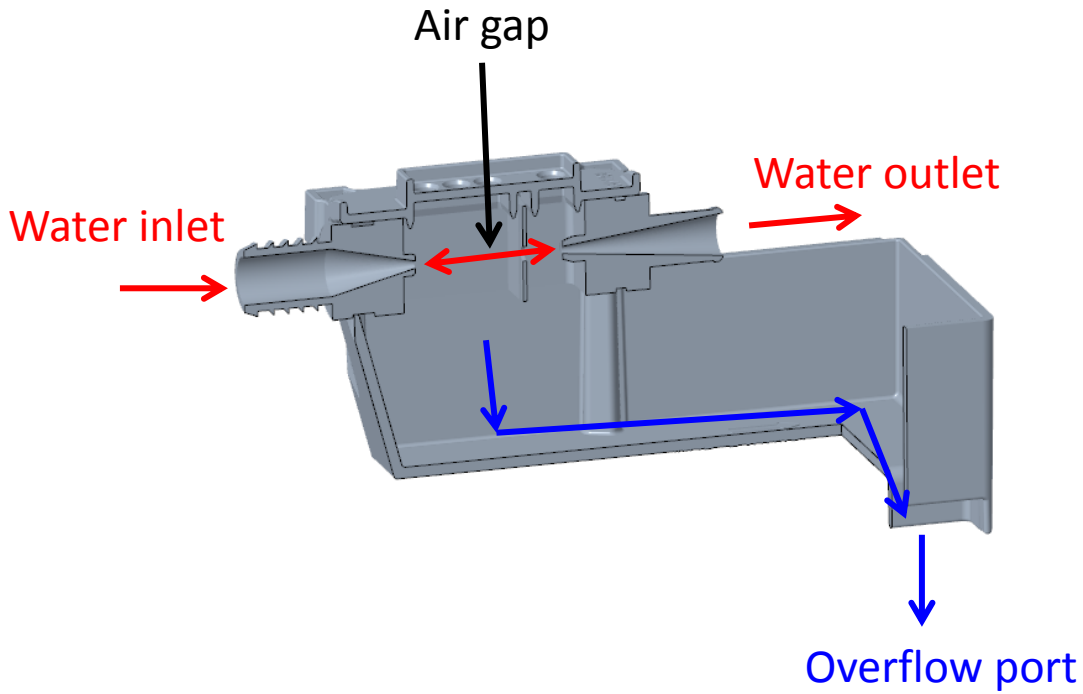
NE-2000 Series manual bidet seat

Waterway Diagram

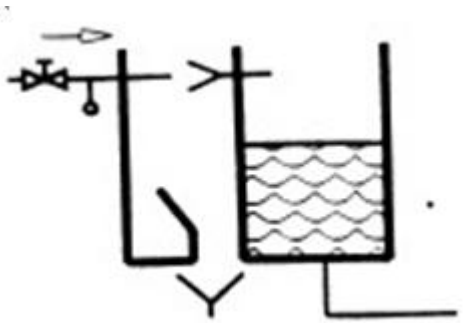


EN1717 Conformity Declaration

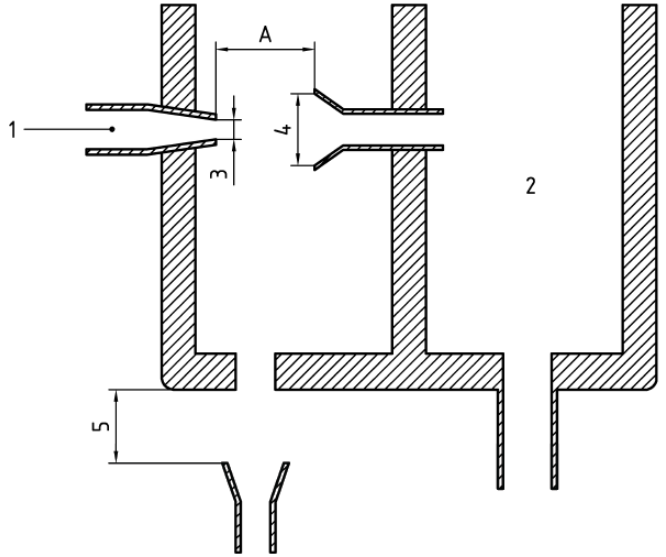




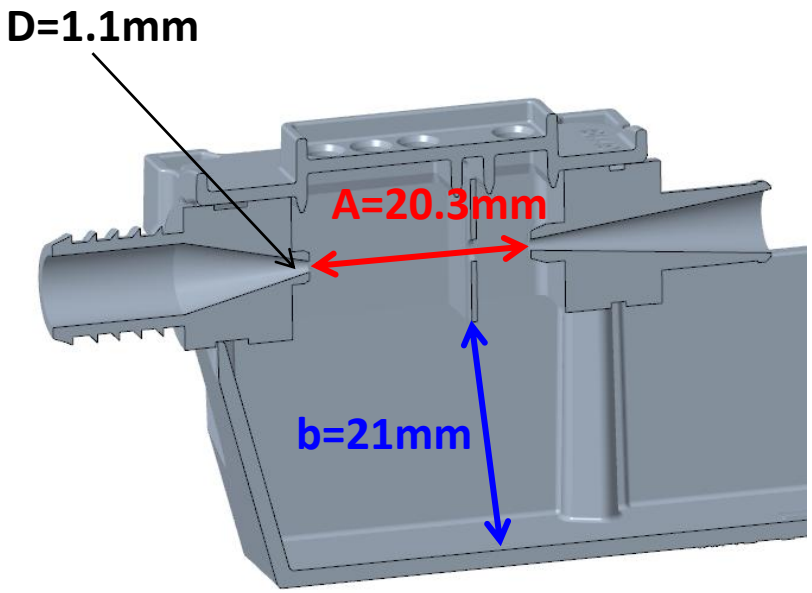
AD type air gap designed , conforming to EN1717(EN13079) standard



EN1717 Conformity Declaration



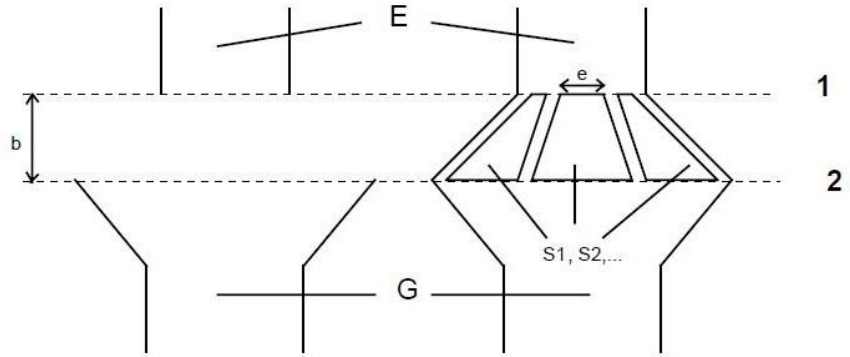
Standard:
A≥2D and A≥20mm
b ≥20mm



Conclusion:
A=20.3mm, meet A ≥ 2D=2.2mm, and A ≥ 20mm;
B=21mm, meet b ≥20mm.

9 Air break to drain

The air breaks to drain shall be realised by a full disconnection or by air inlets.



SVGW
Association
for water, gas and district heating
Grütlistrasse 44
CH- 8027 Zürich

Certification body water

Certificate No.: 1312-6221

Certificate holder: NEOPERL GmbH
Klosterrunsstrasse 9-11, DE-79379 Müllheim

In accordance with our regulation ZW101 „general terms and conditions of the SVGW certification body water" the SVGW certify the following serial products:

Rubric: Air gap

Denomination: Injector-AD 1.5 cartridge

Types: Injector-AD 1,5 cartridge
Air Gap A Type D (EN 13079, EN 1717)

DN: 6 PN: 10 tmax: 55 °C

Certification Standard: SVGW ZW167 (01/19), EN 13079 (2003), EN 1717 (2000)

Validity: 31.05.2029

Conditions (C) / Remarks (R):
(A) The connection to the drinking water supply must be made using a tested, certified connection hose (EN13618).

The applicant is entitled to offer the above mentioned products as certificated by the SVGW and to use the above SVGW-conformity mark (publication in the list of certificates water).

accredited according to
SN EN ISO/IEC 17065

SVGW Association for water, gas and district heating
Certification body water

Javier Fernandez
Head

Zurich, 19.11.2024

Rubric: Air gap

Denomination: Injector-AD 1.5 cartridge

Types	DN	PN	C°	Acoustic group	Losses kWh/24 h / ErP Class	Content	Index	Metrology
Injector-AD 1,5 cartridge	6	10	55	-	-	-	9	-