

TEST REPORT

Model	XE-500-316
Manufacture by	AQUA
Test Category	Hydrostatic Pressure & Compliance Testing

DIRECTIONS

Product: Stainless steel Filter

Place of Testing: Aqua Quality Control Center

TEST RESULTS

Inspection Item	Requirement	Result
Finished Filter Pressure Test	Finished filters pressure tested at 17 Bar.	PASS
Pressure Inspection	Inspect filter lid, flange and drain locations using foam water; no leakage permitted.	PASS
Pressure Hold Test	Maintain 17 Bar pressure for 15 minutes; inspect lid, flange and drain locations.	PASS
Tank Integrity Inspection	No leakage, bubbles, deformation or pressure loss after 15 minutes.	PASS
Outlook Inspection	No heat marks, deformation, scratches, black spots; label properly fixed.	PASS
Assembly Inner System	Piping, laterals, screws, T-junction, diffuser and support frame correctly installed.	PASS
Packing Inspection	Bubble wrapped, pallet fixed, rope secured and packing instruction followed.	PASS

MECHANICAL PROPERTIES

Property	Result	Unit	Specification
Yield Strength	225	MPa	≥ 200
Tensile Strength	555	MPa	≥ 500
Hardness	160	HV	≤ 200

Conclusion: Model XE-500-316 (Stainless steel Filter) was inspected and tested in accordance with Aqua quality control procedures and found compliant for swimming pool filtration application.

TEST RESULTS

Visual Inspection: PASS
Pressure Test (17 bar): PASS
Corrosion Test: PASS

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Authorized Signature and Company Stamp