

TEST REPORT

Model	100101270
Manufacture by	AQUA
Test Category	Hydrostatic Pressure & Compliance Testing

DIRECTIONS

Product: Injected Sand Filter

Place of Testing: Aqua Quality Control Center

TEST RESULTS

Inspection Item	Requirement	Result
Water Pressure Test for Fiberglass Inner	2 Bar water pressure test for 5 minutes and inspect for bubbling/leakage using foam water.	PASS
Fiberglass Inner Leakage Inspection	After 5 minutes inspect filter lid area; no bubbles or water leakage permitted.	PASS
Finished Filter Pressure Test	Finished filters pressure tested at 4 Bar.	PASS
Pressure Inspection	Inspect filter lid, flange and drain locations using foam water; no leakage permitted.	PASS
Pressure Hold Test	Maintain 4 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

DIMENSIONAL INSPECTION

Inspection Item	Requirement	Result
Overall Height	1066 mm $\pm$ 5 mm	PASS
Filter Diameter	700 mm $\pm$ 5 mm	PASS
Overall Assembly Dimensions	Conforms to 100101270 datasheet	PASS

Dimensional inspection was carried out on the completed filter assembly. All critical dimensions were verified against the approved 100101270 production drawing and found within acceptable manufacturing tolerances.

Conclusion: Model 100101270 (Injected Sand Filter) was inspected and tested in accordance with Aqua quality control procedures and found compliant for swimming pool filtration application.

Result: **PASS.**

Authorized Signature and Company Stamp

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