

TEST REPORT

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

DIRECTIONS

Product: Blow-Molded 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	680 mm $\pm$ 5 mm	PASS
Filter Diameter	500 mm $\pm$ 5 mm	PASS
Overall Assembly Dimensions	Conforms to FRL-500 datasheet	PASS

Dimensional inspection was carried out on the completed filter assembly. All critical dimensions were verified against the approved FRL-500 production drawing and found within acceptable manufacturing tolerances.

Conclusion: Model FRL-500 (Blow-Molded 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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