

TEST REPORT

Model	AQDE36
Manufacture by	AQUA
Test Category	Hydrostatic Pressure & Compliance Testing

DIRECTIONS

Product: DE Filter

Place of Testing: Aqua Quality Control Center

TEST RESULTS

Inspection Item	Requirement	Result
Appearance Inspection	FRP tank shall be free from cracks, scratches, bubbles, deformation, discoloration, and visible manufacturing defects.	PASS
Gel Coat Finish	Surface finish shall be smooth, uniform, and free from peeling, blistering, or surface imperfections.	PASS
Color Inspection	Product color shall conform to the approved production specification.	PASS
FRP Tank Integrity	Tank body shall be structurally sound without cracks, delamination, or deformation.	PASS
Grid Assembly Inspection	Internal filter grid assembly shall be correctly installed and securely fixed.	PASS
Polypropylene Cloth Inspection	Filter cloth shall be free from tears, loose stitching, wrinkles, or damage.	PASS
Multiport Valve Inspection	Valve shall operate smoothly in all six positions without leakage or excessive operating force.	PASS
Pressure Gauge Inspection	Pressure gauge shall be securely installed and indicate pressure correctly during testing.	PASS
Air Relief Valve Inspection	Air relief valve shall operate correctly, and release trapped air efficiently.	PASS
Drain Assembly Inspection	Drain plug and drain connection shall provide a leak-free seal.	PASS



Connection Inspection	Inlet and outlet connections shall comply with approved dimensions and be free from defects.	PASS
Hydrostatic Pressure Test	Filter assembly shall withstand the test pressure 6 bar without leakage, deformation, or structural damage.	PASS
Water Tightness Test	Complete filter assembly shall remain watertight throughout the pressure test.	PASS
Functional Operation Test	Filter assembly and multiport valve shall operate correctly in Filter, Backwash, Rinse, Waste, Recirculate, and Closed modes.	PASS
Packaging Inspection	Product, accessories, labels, and packaging shall comply with approved packaging specifications.	PASS
QA/QC Final Approval	Product shall comply with Aqua quality control requirements and be approved for dispatch.	PASS

Conclusion: Model AQDE36 (DE Filter) was inspected and tested in accordance with Aqua quality control procedures and found compliant for swimming pool filtration application.

Authorized Signature and Company Stamp

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