

# TEST REPORT

|                |                                           |
|----------------|-------------------------------------------|
| Model          | FRL-400                                   |
| 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**

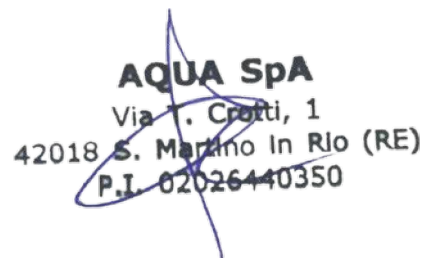
| Inspection Item             | Requirement                   | Result |
|-----------------------------|-------------------------------|--------|
| Overall Height              | 580 mm $\pm$ 5 mm             | PASS   |
| Filter Diameter             | 400 mm $\pm$ 5 mm             | PASS   |
| Overall Assembly Dimensions | Conforms to FRL-400 datasheet | PASS   |

Dimensional inspection was carried out on the completed filter assembly. All critical dimensions were verified against the approved FRL-400 production drawing and found within acceptable manufacturing tolerances.

**Conclusion:** Model FRL-400 (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**

A blue ink signature is written over a company stamp. The stamp contains the following text: "AQUA SpA", "Via T. Crotti, 1", "42018 S. Martino In Rio (RE)", and "P.I. 02026440350".

**AQUA SpA**  
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