

New standard AFNOR NF P 90-319

Qualification of private swimming pool filters

IFTs is an independent centre with world-recognized expertise and unique facilities to measure all characteristics of all types of liquid filters

NEW STANDARD IN APPLICATION

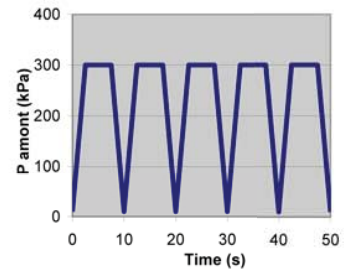
IFTs qualifies/compares/certifies the performances of cartridge, sand and diatom filters according to the new AFNOR NF P 90-319 standard

OTHER TESTS

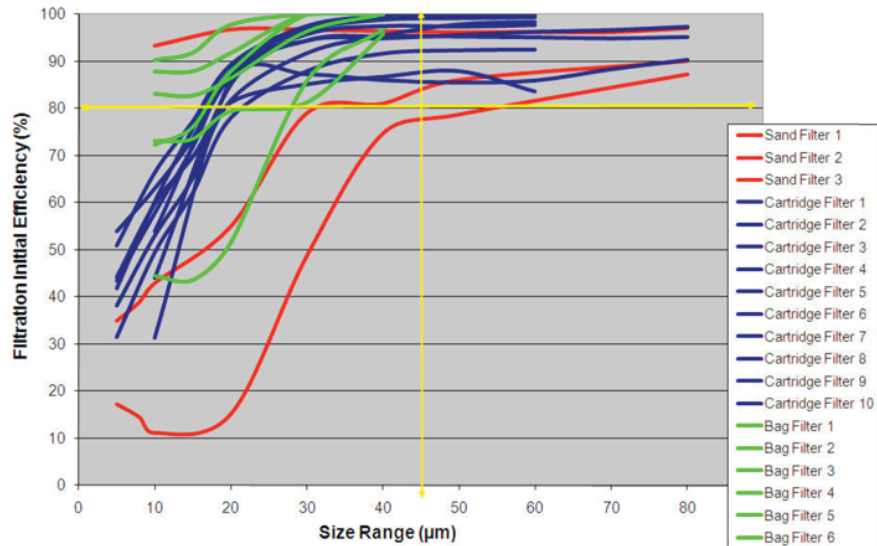
- ◆ Resistance to static pressure/depression;
- ◆ Resistance to cyclic pressure/depression variations;
- ◆ Determination of the burst pressure.

FILTRATION EFFICIENCY AND RETENTION CAPACITY TESTS

- ◆ A clear definition;
- ◆ A precise protocol;
- ◆ A qualified equipment;
- ◆ A rigorous validation;
- ◆ A wide field of application;
 - Flow rates from 1 to 80 m³/hr
 - Thresholds from 1 to 150 µm
 - Pressurised and depressurised filters;
- ◆ To ensure clear, explicit, and undisputable results of efficiency, rating and capacity



Standard fatigue cycle for filter bodies under pressure



Comparative study of the efficiency of swimming pool filters

The average filtration threshold (in microns) corresponds to the size of the ISO CTD standard powder particles for which the average efficiency is more than or equal to 80%.

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