2028 and **2030** are closer than you think.

Energy Performance of Buildings Directive (EU) 2024/1275

New energy performance requirements are approaching. Make smarter filtration choices today to help reduce tomorrow's energy consumption.

KEY DEADLINES

1. Jan. 2028

New buildings owned by public bodies must be zero-emission.

1. Jan. 2030

All new buildings must be zero-emission.

2030 / 2033

The worst-performing 16% and subsequently 26% of existing non-residential buildings must be upgraded.

** National thresholds and exemptions apply. Source: EPBD (EU) 2024/1275, Articles 7 and 9.*

Ventilation energy counts towards a building's overall energy performance.

How JP Air Tech S-Series media turns into energy savings

The below figures are based on test data derived from finished 592 × 592 mm filters:

JX101 ePM1 55% vs. a **glass fiber ePM1 50%** filter. Test data available on request.

–15%
Lower initial pressure drop

–23%
Lower pressure drop at 200 g dust fed

+66%
Higher dust holding capacity

Less energy. Lower costs.

-15% filter-related fan energy (filter media, flat-sheet test). Illustrative annual savings*

Filters	Energy saved/year	€ at 0.25/kWh	€ at 0.40/kWh	kg CO_2e/year
1	215 kWh	€54	€86	82
4	862 kWh	€215	€345	327
8	1,723 kWh	€431	€689	655

Quick estimate for energy saving.

10 Pa reduction ≈113 kWh per filter/year (3,400 m^3/h, 6,000 h/year, fan efficiency 0.5)

** Energy estimate based on flat-sheet filter media tests vs glass-fibre media: mass-weighted average pressure drop during ISO Fine dust loading (4.65 cm/s), energy formula per Eurovent 4/21, scaled to 20 m^2 media at 3,400 m^3/h, 6,000 h/year, fan efficiency 0.5, constant airflow, 0.38 kg CO_2e/kWh. Not a Eurovent filter rating.*

Act now.

Test your filters.

Ask for a matched trial at the same ePM1 class and airflow.
Calculate your annual kWh and € savings.

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