

SAGICOFIM SpA

ABSOLUTE FILTERS PLUS: is a new line of absolute filters with a very Low Pressure Drop.

This new line represents a milestone in our R&D activity and it is our flagship solution for new Clean Rooms applications.

The still existing line, with its absolute filters model AB (height 69 mm), MAB (height 90 mm) and DAB (height 115 mm), has been improved with new functional qualities.

The best result has been reached with the DAB Plus: working with a rated air flow to guarantee a face velocity of 0.45 m/s out of the filter (typical velocity for unidirectional flows), the initial pressure loss is only 50 Pa and a lot of advantages come from this extremely low pressure drop value:

- Energy saving: the power consumption is directly proportional to the pressure drop. A lower DP means a higher money and power savings.
- Life Cycle Cost: in the operating life of a filter, considering purchasing investment, maintenance, energy consumption and disposal, the very highest cost is coming from the energy used, thanks to the employ of this kind of filter the end user can improve the total plant Life Cycle Cost saving money, power and disposal.

Moreover, knowing that every kW used means more than 0.5 kg of CO₂ released in the outdoor environment, obviously every kW saved during the whole operating life of the plant, means that there is a benefit in the outdoor producing a pollution of 50% lower than a traditional equipment.

Our Company, thanks to these high tier solutions, wants to be a qualitative benchmark into Pharmaceutical sector helping its own Customers in more appropriate choices both from economical point of view that on respect of the environment.

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