SWIMMING POOL

Culligan®

HMS-EVO FILTER

MULTI-MEDIA FILTRATION

FOR PERFECT WATER, ALWAYS

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MULTI-MEDIA FILTRATION

Having significant **mass**, pool water shows even the **slightest** turbidity.
Filters provide high-quality **filtered** water by relying on **an exclusive "selective** filter bed design, comprising filtering minerals with different granulometry and specific weight.
The minerals **are packed so** that the upper layer contains the largest, lightest grains, while the heaviest and finest granules are placed at the bottom.
This special arrangement, resulting from years of study and experimentation, produces a **filtration speed greater than that of traditional** sand filters, thus producing **filtered water of exceptional quality**.
Various types of turbidity in the water are selectively trapped by the different filtering layers, **until colloidal substances are retained** - a process achieved**without the use of chemical flocculants** - along with all particles greater than 5 microns (thousandths of mm).

Selective filter bed comprising **minerals** with different **granulometry** and different **specific gravity**

Electric pump with Prefilter

OPERATION CYCLES

Operating cycles (**service** and **backwashing**) are ensured by **multi-port valves** and hand-operated valve units (in **semi-automatic models**), or (in **automatic models**) controlled by a hydraulic or pneumatic control unit.

CONTROLLED FLOW

The backwashing flow is controlled by **a flow control valve**, which prevents the release of minerals.

MODEL	Max flow rate m^3/h	Dimensions mm* width. x depth x height.	Weight Kg* for shipment
HMS EVO A 10	10	780 x 530 x 710	160
HMS EVO A 15	15	890 x 630 x 830	190
HMS EVO A 20	20	990 x 710 x 940	320
HMS EVO A 25	25	1150 x 830 x 990	380
HMS EVO A 32	32	1220 x 900 x 1040	460
HMS EVO A 40	40	1345 x 1020 x 1420	750

* Values refer to automatic models.

WATER CONSUMPTION SAVINGS AND COMPACT SIZE

Filters can be thoroughly washed in about **10 minutes**, with **greatly reduced** water **consumption** compared to traditional sand filters, thus allowing **substantial cost control**.
Moreover, the filters' high flow rates allow a much smaller filtering surface, which, in turn, gives the device **a much smaller footprint in the** plant room.

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